

**SUPPORTING STATEMENT FOR
EPA INFORMATION COLLECTION REQUEST #1361.09
"INFORMATION REQUIREMENTS FOR BOILERS AND INDUSTRIAL
FURNACES: GENERAL HAZARDOUS WASTE FACILITY STANDARDS,
SPECIFIC UNIT REQUIREMENTS, AND PART B PERMIT
APPLICATION AND MODIFICATION REQUIREMENTS"**

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1. IDENTIFICATION OF THE INFORMATION COLLECTION

1(a) TITLE OF THE INFORMATION COLLECTION

This ICR is entitled "Information Requirements for Boilers and Industrial Furnaces: General Hazardous Waste Facility Standards, Specific Unit Requirements, and Part B Permit Application and Modification Requirements," EPA ICR #1361.09.

1(b) SHORT CHARACTERIZATION/ABSTRACT

Section 3004 of the Resource Conservation and Recovery Act (RCRA), as amended, requires that the U.S. Environmental Protection Agency (EPA) develop standards for hazardous waste treatment, storage and disposal facilities (TSDFs) as may be necessary to protect human health and the environment. Subsections 3004(a)(1), (3), (4), (5) and (6) specify that these standards include, but not be limited to, the following requirements:

- (1) Maintaining records of all hazardous wastes identified or listed under Subtitle C that are treated, stored, or disposed of, and the manner in which such wastes were treated, stored, or disposed of;
- (3) Operating methods, techniques, and practices for treatment, storage, or disposal of hazardous waste;
- (4) Location, design, and construction of such hazardous waste treatment, disposal, or storage facilities;
- (5) Contingency plans for effective action to minimize unanticipated damage from any treatment, storage, or disposal of any such hazardous waste; and
- (6) Maintaining or operating such facilities and requiring such additional qualifications as to ownership, continuity of operation, training for personnel, and financial responsibility as may be necessary or desirable.

The regulations implementing these requirements are codified in the Code of Federal Regulations (CFR) Title 40, Parts 264 and 265. In addition, section 3005 requires EPA to promulgate regulations requiring TSDFs to obtain a permit. In the event permit modifications are proposed by an applicant or EPA, modifications must conform to the requirements under sections 3004 and 3005. The regulations implementing these requirements are codified at 40 CFR Parts 264 and 270.

On February 21, 1991 and August 25, 1992, EPA promulgated regulations at 40 CFR Parts 260, 261, 264, 265, 266, and 270 covering boilers and industrial furnaces (BIFs) burning hazardous waste. 40 CFR Part 266, Subpart H establishes standards for the burning of hazardous waste in BIFs. 40 CFR 270.22 establishes Part B application information requirements for BIFs burning hazardous waste, and section 270.66 establishes permit requirements for BIFs. Owners and operators of BIF facilities must comply with these regulations in addition to those regulations applicable to all hazardous waste facilities, as mentioned above.

On September 30, 1999, EPA amended the above regulations with the following provisions:

- Comparable fuel specification: Under 40 CFR 261.38, wastes that meet the comparable fuel specification can be excluded from the definition of solid waste. Generators claiming the exclusion must demonstrate that the waste meets the specification by submitting a one-time notice. The notice must claim the exclusion, and demonstrate the development and implementation of a waste sampling and analysis plan that supports the comparable fuel specification.
- Lead recovery furnace exemption: Under 40 CFR 266.100(h), lead recovery furnaces that process hazardous waste for the recovery of lead and that are subject to Secondary Lead Smelting National Emissions Standards for Hazardous Air Pollutants Regulations, may apply for a conditional exemption from 40 CFR Part 266 regulations. To claim the exemption, the facility owner or operator must submit a one-time notice identifying each hazardous waste burned and demonstrating that the waste burned has a total concentration of organic compounds (Listed in 40 CFR Part 261, Appendix VIII) of less than 500 ppm by weight.
- Regulation of residues: Under 40 CFR 266.112(b)(2)(i), in complying with section 268.43 F039 nonwastewater levels for polychlorinated dibenzodioxins and polychlorinated dibenzo-furans, analyses must be performed for total hexachlorodibenzodioxins, total hexachlorodibenzofurans, total pentachlorodibenzodioxins, total pentachlorodibenzofurans, total tetrachlorodibenzodioxins, and total tetrachlorodibenzofurans.

This ICR describes the following RCRA requirements as applicable to owners and operators of BIFs:

- Comparable/Syngas Fuel Specification;
- General Facility Standards Applicable to BIFs;
- Specific Unit Requirements for BIFs; and
- Part B permit application and Permit Modification Requirements for BIFs.

The remainder of this section provides a brief summary of the information collection requirements described in this ICR.

COMPARABLE/SYNGAS FUEL SPECIFICATION

Under 40 CFR 261.38, wastes that meet the comparable fuel specification can be excluded from the definition of solid waste. Generators claiming the exclusion must demonstrate that the waste meets the specification by submitting a one-time notice. The notice must claim the exclusion, and demonstrate the development and implementation of a waste sampling and analysis plan that supports the comparable fuel specification.

GENERAL FACILITY STANDARDS APPLICABLE TO BIFs

Owners and operators of BIFs burning hazardous waste are subject to general facility standards applicable to all TSDFs. The information collection requirements associated with these standards are described below.

General Facility Operating Requirements

EPA promulgated the general facility standards in 40 CFR Parts 264 and 265, Subpart B. In order to comply with these regulations, owners or operators of TSDFs must collect, record, and in some cases report, data to EPA. Information collection requirements associated with the general facility standards regulations include:

- Foreign Shipment Import Report (§264.12(a) and §265.12(a));
- Notice of Appropriate Permits (§264.12(b));
- Notice of Part 264 or 265 and Part 270 Requirements (§264.12(c) and §265.12(b));
- Waste Analysis (§264.13(a)(1), §265.13(a)(1), §266.102(b) and (e), and §266.103(b) and (c));
- Waste Analysis Plan (§264.13(b) and §265.13(b));
- Inspection Schedule (§264.15(d) and §265.15(d));
- Personnel Training (§264.16(d) and §265.16(d)); and
- Documentation of Compliance for Ignitable, Reactive, or Incompatible Wastes (§264.17(c)).

EPA uses the general facility information to determine whether facilities are operating in a manner that is protective of human health and the environment.

Recordkeeping Requirements

In 40 CFR 264.73 and 265.73, EPA promulgated regulations directing owners or operators of hazardous waste TSDFs to keep written operating records at their facilities. Since the operating record is not submitted to EPA but must be available for inspection, maintaining an operating record is a recordkeeping activity. The operating record contains information regarding general operating practices conducted at the facility. Other recordkeeping requirements under 40 CFR Parts 264 and 265, Subpart E, include maintaining copies of records of waste disposal locations and quantities (§§264.74(c) and 265.74(c)). In addition, 40 CFR 264.37(b) requires facilities to document in the operating record any refusal of State or local authorities to enter into arrangements for emergency situations. Information collected pursuant to these regulations is used by EPA and the owner or operator to assure safe operation of the facility.

Contingency Plan and Emergency Procedures

Contingency plan and emergency procedure regulations promulgated in 40 CFR 264.51 through 264.54 and 264.56, and 265.51 through 265.54 and 265.56, require permitted and interim status facilities to prepare and maintain contingency plans and comply with emergency reporting and recordkeeping requirements. The contingency plan describes the actions facility personnel will take should a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste constituents to air, soil, or surface water occur. Local emergency response teams use the information required in the contingency plan

to minimize unanticipated damage from the treatment, storage, or disposal of hazardous waste. The contingency plan also enables EPA to assess the effectiveness of facility responses to incidents that may threaten human health or the environment.

Other emergency reporting and recordkeeping requirements under 40 CFR Parts 264 and 265, Subpart D, include notifying State and local authorities of an imminent or actual emergency situation (264.56(a)(2) and 265.56(a)(2)), and notifying local authorities of the need to evacuate local areas (264.56(d)(1) and 265.56(d)(1)). If a release, fire, or explosion occurs, the owner or operator must notify the on-scene coordinator or the National Response Center (264.56(d)(2) and 265.56(d)(2)). Owners and operators also must notify the Regional Administrator that a facility is in compliance with specific regulations before operations resume in any area affected by an emergency situation (§§264.56(i) and 265.56(i)), and submit a report to the Regional Administrator containing details of any emergency situation that requires implementation of the contingency plan (§§264.56(j) and 265.56(j)).

Closure Requirements

In 40 CFR Parts 264 and 265, Subpart G, EPA promulgated regulations requiring owners or operators to provide for the proper closure of hazardous waste management (HWM) facilities. Under 40 CFR 264.112 and 265.112, owners or operators are required to maintain closure plans until closure of the facility, notify EPA and amend the closure plan when appropriate, and submit these plans to EPA when necessary. Other closure requirements under Subpart G of Part 264 and 265 applicable to BIFs include requiring owners or operators to:

- Demonstrate that they can comply with specific regulations if requesting an extension for treatment, storage, or removal of hazardous waste (§§264.113(a) and 265.113(a));
- Demonstrate that they can comply with specific regulations if requesting an extension for completing closure activities under an approved closure plan (§§264.113(b) and 265.113(b));
- Demonstrate that they can comply with specific regulations if requesting an allowance to receive non-hazardous waste after the final receipt of hazardous waste (§§264.113(d) and 265.113(d));
- Certify that a facility has been closed in accordance with the approved closure plan (§§264.115, 265.115);
- Submit a certified survey plat (§§264.116 and 265.116);
- Submit a record of the type, location, and quantity of hazardous wastes disposed of at the facility, record a notation on the property deed according to the requirements in §§264.119(b)(1) and 265.119(b)(1), and submit certification of this notation.

EPA uses closure plans to ensure that hazardous waste management facilities close in accordance with the Congressional mandate of protecting human health and the environment. EPA reviews closure certifications to determine whether closure took place in accordance with the approved closure plan and EPA, local authorities, and potential purchasers of a closed facility review closure notices to ensure that future uses of the site will not lead to a release of hazardous waste. [Post-closure requirements are not applicable to BIF units, as post-closure is required only for land-based units.]

Financial Requirements

In 40 CFR Parts 264 and 265, Subpart H, EPA promulgated regulations requiring owners or operators to establish financial assurance mechanisms for closure care, and liability for third-party bodily injury or property damage, and to provide EPA with evidence of such established financial mechanisms. Owners or operators are also required by Subpart H to provide initial cost estimates and subsequent updates of those estimates for closure care. EPA uses these financial assurance requirements to ensure, in the case of closure care, that hazardous waste management facilities have the financial means to conduct closure care, and in the case of liability requirements, that human health and the environment are protected in the event of accidental release of hazardous constituents from the facility. [Financial requirements pertaining to post-closure care are not applicable to BIF units, as post-closure is required only for land-based units.]

Conditions Applicable to All Permits

40 CFR Part 270, Subpart C specifies conditions applicable to all RCRA permits. 40 CFR 270.30(h) requires owners and operators of permitted facilities to furnish any relevant information requested by EPA to determine whether cause exists for modifying, revoking and reissuing, or terminating a permit, or to determine compliance with the permit. In addition, section 270.30(l) specifies the following reporting requirements, which are applicable to all permitted facilities:

- Notice of planned physical alternations or additions (§270.30(l)(1));
- Notice of planned changes or activities which may result in noncompliance (§270.30(l)(2));
- Letter certifying that the facility has been constructed or modified in compliance with the permit (§270.30(l)(2)(i));
- Monitoring reports (§270.30(l)(4));
- Reports of compliance or noncompliance with compliance schedule (§270.30(l)(5));
- Information concerning a release that may threaten drinking water (§270.30(l)(6)(i)(A));
- Information concerning a release, fire, or explosion that could threaten human health or the environment outside of the facility (§270.30(l)(6)(i)(B));
- Notice of noncompliance due to a release, fire, or explosion (§270.30(l)(6)(iii));
- Report of other noncompliance (§270.30(l)(10)); and
- Submittal of originally omitted or corrected information (§270.30(l)(11)).

SPECIFIC UNIT REQUIREMENTS FOR BIFs

Owners and operators of BIFs burning hazardous waste are subject to specific unit requirements described in 40 CFR Part 266, Subpart H. The information collection requirements associated with these standards are described below.

Exemptions from the BIF Regulations

Sections 266.100 and 266.108 allow owners and operators of certain BIF units to be granted an exemption from the BIF regulations. Section 266.100 provides owners and operators of certain furnaces engaging in metal recovery, smelting, melting, and refining with the opportunity to receive an exemption by submitting a notice of exemption status and maintaining records documenting compliance until closure of

the facility. Section 266.108 exempts small quantity on-site BIF units from regulation if the owner or operator submits a notification of qualification for exemption and maintains records documenting compliance until closure of the facility.

Permit Standards

In 40 CFR 266.102, EPA promulgated regulations applicable to permitted BIFs burning hazardous waste, section 266.102(e)(8) and Appendix IX, sections 2 and 3 contain testing, reporting, and recordkeeping requirements covering monitoring and inspections of equipment, waste, and emissions. Facilities with permitted BIF units are required to comply with standards that control the following emissions:

- Organic emissions and particulate matter by limiting CO emissions, and in some cases, HC emissions to specified levels (§266.104 and §266.105);
- Metals emissions by complying with specified Tier I feed rate screening limits, Tier II emission rate screening limits, Tier III site-specific risk assessments, adjusted Tier I feed rate screening limits, or an alternative implementation approach (§266.106); and
- HCl and Cl₂ gas emissions by complying with Tier I feed rate screening limits, Tier II emission rate screening limits, Tier III site-specific risk assessments, or adjusted Tier I feed rate screening limits (§266.107).

Section 266.102(e)(10) requires owners and operators to maintain all information and data recorded until closure of the facility. [Information that must be submitted in the Part B permit application is covered in the Part B information requirements section of this ICR.]

Interim Status Standards

In 40 CFR 266.103, EPA promulgated interim status standards for BIFs burning hazardous waste. Section 266.103(a)(5) requires owners and operators of industrial furnaces that feed hazardous waste for a purpose other than solely as an ingredient at any location other than the hot end to determine that adequate oxygen is present in combustion gases and to retain documentation until closure of the facility. Section 266.103(a)(5)(ii)(A) specifies restrictions on burning hazardous waste with nonmetal compounds listed in 40 CFR Part 261, appendix VIII, and requires owners and operators to retain documentation until closure of the facility that shows that impermissible blending has not occurred. Sections 266.103(a)(5)(ii)(B) and 266.103(a)(6) specify restrictions on burning hazardous waste with a low heating value and blending waste to achieve the prescribed heating value, and require owners and operators to retain documentation until closure of the facility that shows that impermissible blending has not occurred.

Section 266.103(b) and Appendix IX, sections 9.4 and 10.6 contain requirements covering testing, the setting of limits on operating conditions, and submittal of materials for the certification of precompliance. This certification must substantiate the claim that emissions are not likely to exceed the limits provided by sections 266.105 through 266.107. Because the submittal date for the certification of precompliance has passed, EPA does not expect any facilities to comply with these requirements.

Section 266.103(c) contains regulations covering compliance testing, demonstrations, notifications, and the submittal of materials for the certification of compliance. This certification documents compliance with the emissions standards of sections 266.104 through 266.107. Section 266.103(d) requires owners

and operators to conduct compliance testing and submit a recertification of compliance every three years. Because the submittal date for the certification of compliance has passed, EPA does not expect any facilities to comply with these requirements.

Section 266.103(g) specifies recordkeeping requirements for the automatic hazardous waste feed cutoff system.

Section 266.103(h) provides owners and operators with the opportunity to use an alternative means of fugitive emissions control by keeping records supporting a demonstration of effectiveness.

Section 266.103(j) and Appendix IX, sections 2 and 3 contain testing, reporting, and recordkeeping requirements covering monitoring and inspections of equipment, waste, and emissions. Facilities with permitted BIF units are required to comply with standards that control the following emissions:

- Organic emissions and particulate matter by limiting CO emissions, and in some cases, HC emissions to specified levels (§266.104 and §266.105);
- Metals emissions by complying with specified Tier I feed rate screening limits, Tier II emission rate screening limits, Tier III site-specific risk assessments, adjusted Tier I feed rate screening limits, or an alternative implementation approach (§266.106); and
- HCl and Cl₂ gas emissions by complying with Tier I feed rate screening limits, Tier II emission rate screening limits, Tier III site-specific risk assessments, or adjusted Tier I feed rate screening limits (§266.107).

Section 266.103(k) requires owners and operators to maintain all information and data recorded until closure of the facility.

Standards to Control Organic Emissions

Section 266.104(a)(2) provides for an alternative designation of a POHC if the owner or operator prepares and submits a demonstration and receives Agency approval. [Information that must be submitted to demonstrate compliance with standards to control organic emissions, as specified in §266.104, is submitted in monitoring and inspection reports, as required by §266.102(e)(8), §266.103(j), and Appendix IX, sections 2 and 3; in the certification of compliance, as required by §266.103(c) and (d); and as part of the trial burn results, as required by §270.66(d) and (f) and §270.66(g).]

Standards to Control Metals Emissions

Section 266.106(f) provides for an approach for implementing the Tier II or Tier III metals emissions limits alternative to monitoring the feed rate of metals in each feedstream, if the owner or operator applies for such an allowance and receives Agency approval. [Information that must be submitted to demonstrate compliance with standards to control metal emissions, as specified in §266.106, is submitted in monitoring and inspection reports, as required by §266.102(e)(8), §266.103(j), and Appendix IX, sections 2 and 3; in the certification of precompliance, as required by §266.103(b); in the certification of compliance, as required by §266.103(c) and (d); and as part of the trial burn results, as required by §270.66(d) and (f) and §270.66(g).]

Direct Transfer Requirements

Section 266.111 applies to owners and operators of permitted and interim status BIFs who directly transfer hazardous waste from a transport vehicle to a BIF unit without the use of a storage unit. This section includes requirements to obtain and keep on file a written certification and assessment (§266.111(d)(2) and §266.111(e)(2), respectively), and requirements to conduct inspections and record and maintain data until closure of the facility (§266.111(e)(3)). [Some owners and operators of BIFs will submit this information with the Part B application, under §270.22(e). These facilities are covered in the Part B application section of this ICR].

Regulation of Residues

Section 266.112 states that residue derived from the burning or processing of hazardous waste in certain BIFs will be exempt from being classified as hazardous waste if the owner or operator can demonstrate that the burning of the hazardous waste does not significantly affect the character of the residue (§266.112(b)). Appendix IX, section 7 allows owners and operators to use an alternative statistical approach and an approach to handle nondetect data points by developing and maintaining a supporting rationale under sections 7.3 and 7.4, respectively. [Some owners and operators of BIFs will submit this information with the Part B application, under §270.22(f). These facilities are covered in the Part B application section of this ICR].

PART B PERMIT APPLICATION AND PERMIT MODIFICATION REQUIREMENTS FOR BIFs

Owners and operators of BIFs burning hazardous waste are subject to the general permit application information requirements set forth in sections 270.1 through 270.14, except for those relating to land disposal facilities. In addition, owners and operators of BIFs are subject to the Part B information requirements specifically applicable to BIFs, which are set forth in sections 270.22 and 270.66.

General Part B Information Requirements for BIFs

Part B of the permit application consists of the general and specific information requirements contained in sections 270.14 through 270.29. These Part B information requirements reflect the standards promulgated in 40 CFR Part 264. Under section 270.14(a), owners and operators who can demonstrate that the information prescribed in Part B cannot be provided to the extent required may receive case-by-case allowances from EPA.

General information requirements are outlined in section 270.14. Sections 270.14(b)(1)-(14) require owners and operators to provide information on compliance with general facility standards. Financial assurance information is required under sections 270.14(b)(15)-(18). Section 270.14(b)(19) requires owner and operators to submit a topographical map. Some owners and operators may also be required to submit a schedule of compliance leading to compliance with RCRA regulations as part of their application. The requirements for schedules of compliance are contained in section 270.33.

Specific Part B Information Requirements for BIFs

Fugitive Emissions

Section 266.102(e)(7)(i)(C) allows owners and operators of BIFs to use an alternative means of fugitive emissions control if he or she demonstrates in the Part B permit application that the alternative method provides control equivalent to maintaining the combustion zone pressure at a lower level than atmospheric pressure.

Requirements Relating to the Pre-Trial Burn, Trial Burn, and Post-Trial Burn Periods

Section 270.66(b) contains requirements applicable to permit operating periods for new BIFs. Section 270.66(c) contains information requirements for the trial burn plan. Section 270.66(d) and 270.22 specify trial burn procedures and requirements covering reporting of data and submission of a certification. Section 270.66(f) requires owners and operators to prepare determinations based on the trial burn, the results of which are submitted under section 270.66(d).

Waivers of the Trial Burn

Sections 270.22(a)(2)-(5), 266.105-.107, 266.109, and 266.110 contain provisions for waivers of the trial burn requirements for boilers operating under special operating conditions, BIFs burning low-risk wastes, metals emissions, particulate matter, and HCl and Cl₂ emissions. Section 270.22(a)(6) contains provisions allowing owners and operators to submit data for a similar unit in lieu of performing a trial burn. To obtain any of these waivers, an owner or operator must provide supporting information and documentation.

Sections 270.22(b) and 266.104 allow owners and operators to submit a demonstration in support of an alternative HC limit. Sections 270.22(c) and 266.106(f) provide for an approach for implementing the Tier II or Tier III metals emissions limits alternative to monitoring the feed rate of metals in each feedstream, if the owner or operator applies for such an allowance and receives Agency approval.

Automatic Hazardous Waste Feed Cutoff System

Section 270.22(d) requires owners and operators to prepare and submit with the Part B application information describing the automatic hazardous waste feed cutoff system.

Direct Transfer Requirements

Sections 270.22(e) and 266.111 apply to owners and operators of BIFs who directly transfer hazardous waste from a transport vehicle to a BIF unit without the use of a storage unit. This section includes requirements to obtain and keep on file a written certification and assessment (§266.111(d)(2) and §266.111(e)(2), respectively), and requirements to conduct inspections and record and maintain data until closure of the facility (§266.111(e)(3)). [Some owners and operators of BIFs will submit this information before submitting the Part B application. These facilities are covered in the specific units section of this ICR].

Regulation of Residues

Sections 270.22(f) and 266.112 provide for residue derived from the burning or processing of hazardous waste in certain BIFs to be exempt from being classified as hazardous waste if the owner or operator can demonstrate that the burning of the hazardous waste does not significantly affect the character of the residue (§266.112(b)). Appendix IX, section 7 allows owners and operators to use an alternative statistical approach and an approach to handle nondetect data points by developing and maintaining a supporting rationale under sections 7.3 and 7.4, respectively. [Some owners and operators of BIFs will submit this information before submitting the Part B application. These facilities are covered in the specific units section of this ICR].

Permit Modifications for BIFs

Sections 270.40 through 270.42 address the requirements for permit modifications. Section 270.40 applies to owners and operators transferring ownership or operational control of a facility. These owners and operators must submit Class 1 permit modifications as well as a written agreement containing specific transfer information. Requirements for owners and operators submitting permit modifications at the request of the Agency are contained in §270.41. Requirements for Class 1, 2, and 3 permit modifications submitted at the request of the permittee are contained in section 270.42(a)-(c). Section 270.42(d) allows permittees to request that the Agency determine the classification for a specific modification. Sections 270.42(e) and (g) discuss requirements for temporary authorization and permit modifications for newly regulated wastes and units, respectively. The February 21, 1991 BIF rule amended Appendix I of section 270.42 to include permit modifications specifically applicable to BIF units.

Requirements for permit renewal are contained in sections 270.50 and 270.51. In order to renew an expiring permit, owners and operators must submit an application containing the information required under section 270.14 and the applicable sections of sections 270.15 through 270.29.

2. NEED FOR AND USE OF THE COLLECTION

2(a) NEED/AUTHORITY FOR THE COLLECTION

Regulations covering BIFs and general hazardous waste facilities are promulgated under authority of sections 1006, 2002, 3001 through 3007, 3010, and 7004 of RCRA, as amended. On February 21, 1991 and August 25, 1992, EPA expanded controls on hazardous waste combustion to regulate air emissions from the burning of hazardous waste in BIFs, which were previously not regulated. On September 30, 1999, EPA provided exclusions for certain wastes and types of BIFs. These BIF regulations are codified at 40 CFR 21.38, 40 CFR Part 266, Subpart H, 40 CFR 270.22, and 40 CFR 270.66. This section describes the need and authority for each type of information collection analyzed in this ICR.

COMPARABLE/SYNGAS FUEL SPECIFICATION

EPA promulgated regulations at section 261.38(c) that allow owners and operators of hazardous waste facilities that have waste meeting the comparable/syngas fuel specification to exclude the waste from the definition of solid waste, provided a notification is made and other requirements, including certification, sampling and analysis, and recordkeeping, are met. This information is required to promote beneficial energy recovery.

GENERAL FACILITY STANDARDS APPLICABLE TO BIFs

General Facility Operating Requirements

Foreign Shipment Import Report

EPA promulgated regulations in sections 264.12(a) and 265.12(a) that require owners and operators of hazardous waste facilities that have arranged to receive hazardous wastes from foreign sources to notify the Regional Administrator in writing at least four weeks prior to the expected date of arrival of the shipments at the facility. EPA uses information in the foreign shipment import report to determine: (1) whether hazardous wastes will be transported safely to the United States, and (2) whether the waste will be managed in a manner that is protective of human health and the environment. The foreign shipment import report requirement contributes to EPA's goal of minimizing detrimental impacts to the environment resulting from the unsafe transportation and management of hazardous waste.

Notice of Appropriate Permits

Section 264.12(b) requires the owner or operator of a facility that receives off-site waste to send a one-time notice to the generator stating that he or she has the appropriate permits for, and will accept, the waste the generator is shipping. The owner or operator must retain a copy of the notice. The notice is needed to ensure that waste is being managed properly. EPA may examine the notices during inspections to ensure that the notifications are being transmitted.

Notice of Part 264 or 265, and Part 270 Requirements

Sections 264.12(c) and 265.12(b) require owners and operators transferring ownership of a facility during its operating life, to notify the new owner or operator in writing of the requirements of 40 CFR Parts 264 and 270. This information is needed to help new owners and operators understand applicable regulations and facilitate compliance.

Waste Analysis

EPA promulgated regulations in sections 264.13(a)(1) and 265.13(a)(1) that require owners or operators to obtain a detailed chemical and physical analysis of a representative sample of the waste that will be received. Section 266.102(b) requires owners and operators of permitted BIFs to quantify the concentration of any hazardous constituent identified in appendix VIII of Part 261 that may reasonably be expected to be in the waste. Section 266.103(c)(3)(ii)(B) requires owners and operators of interim status BIFs that recycle collected particulate matter to analyze waste for metals content to determine if changes in metal content affect the ability of the facility to meet the metals emissions standards established under section 266.103(c) or (d). EPA and the owner or operator use information obtained in the waste analysis sample to determine: 1) whether the waste meets the permit standards or limitations of the BIF regulations, particularly for metals, HCl, chlorine, and organics, so that a facility can adequately handle incoming waste; and 2) whether the waste is really what the generator claims it to be. The owner or operator also uses information obtained from the waste analysis to determine whether there are any potential dangers from handling the waste. The waste analysis requirement is a principal control for operating parameters, because it is not possible to continuously measure emissions of all compounds. Waste analysis thus contributes to EPA's goal of preventing undetected releases or reactions of hazardous waste on-site.

Waste Analysis Plan

Sections 264.13(b) and 265.13(b) state that the owner or operator of a hazardous waste facility must develop and follow a written waste analysis plan that describes the procedures to be used in obtaining a detailed chemical and physical analysis of the waste. EPA uses the waste analysis plan as a planning tool to ensure the quality of information obtained from the waste analysis samples required in sections 264.13(a)(1) and 265.13(a)(1).

Inspection Schedule

EPA promulgated regulations in sections 264.15(d) and 265.15(d) that require the owner or operator of a facility to record inspections in an inspection log or summary. EPA and owners and operators use information in the inspection log to determine whether facility equipment is safe for handling hazardous waste. The inspection requirement contributes to EPA's goal of preventing hazardous waste constituents from being released into the environment due to faulty or deteriorated equipment.

Personnel Training

Sections 264.16(d) and 265.16(d) require owners and operators to maintain copies of personnel training documents and records at the facility. Both EPA and owners and operators use information in personnel training records to determine whether employees have acquired the necessary expertise to perform their jobs. EPA also reviews personnel records to determine whether employees are receiving a level of training that is commensurate with their duties and responsibilities as well as their ability to respond to any emergency situations at the facility. Requiring owners and operators to maintain personnel training documents decreases the likelihood that employees are unqualified to handle hazardous waste or respond to emergencies. The personnel recordkeeping requirement contributes to EPA's goal of minimizing the potential for employee-related mistakes that may threaten human health and the environment.

Documentation of Compliance for Ignitable, Reactive or Incompatible Wastes

Section 264.17(c) states that any owner or operator who treats, stores, or disposes of ignitable or reactive wastes, or mixes incompatible wastes, must document compliance with sections 264.17(a) and (b), which require certain precautions to prevent reactions. EPA uses information in the documentation of compliance to determine whether facilities are operating in a manner that is protective of human health and the environment. The documentation requirement contributes to EPA's goal of minimizing unanticipated damage from the treatment, storage, or disposal of hazardous waste.

Recordkeeping Requirements

EPA promulgated regulations in 40 CFR 264.73 and 265.73 directing owners or operators of hazardous waste treatment, storage, or disposal facilities to keep a written operating record at the facility. Other recordkeeping requirements under 40 CFR Parts 264 and 265, Subpart E, include submitting copies of records of waste disposal locations and quantities under sections 264.73(b)(2) and 265.73(b)(2) to the Regional Administrator and local land authority upon closure of the facility (§§264.74(c) and 265.74(c)). In addition, 40 CFR 264.37(b) requires facilities to document in the operating record any refusal of State or local authorities to enter into arrangements for emergency situations. EPA uses information collected pursuant to these regulations to select appropriate corrective action and cleanup measures should an unanticipated release of hazardous waste occur. EPA compliance officials refer to the operating record to determine the following: 1) what cleanup measures are appropriate and 2) whether operating requirements can be better tailored to the needs of a particular site. EPA anticipates that the owner or operator will use information included in the operating record to prevent receiving, or placing in proximity, wastes that are

incompatible with other wastes that are likely to ignite or explode. Requiring facilities to develop and maintain an operating record and conduct the recordkeeping activities contributes to EPA's goal of minimizing damage to the environment due to the treatment, storage, or disposal of hazardous waste.

Contingency Plan and Emergency Procedures

Section 3004(a)(5) of RCRA, as amended, requires EPA to develop standards for contingency plans for effective action to minimize unanticipated damage from any treatment, storage, or disposal of any such hazardous waste. EPA codified regulations that address this statutory requirement in 40 CFR Parts 264 and 265. 40 CFR sections 264.51 through 264.54; section 264.56; sections 265.51 through 265.54; and section 265.56 require all owners and operators of hazardous waste facilities to prepare and maintain contingency plans, and to notify State and local authorities and prepare emergency reports whenever an imminent or actual emergency situation occurs. EPA reviews the contingency plan and emergency reports to determine whether a facility has developed adequate procedures to respond to unplanned sudden or non-sudden releases of hazardous waste or hazardous constituents to air, soil, or surface water. Notifications to State and local authorities facilitate remedial actions and evacuations, if necessary. Requiring facilities to develop and maintain contingency plans and prepare emergency response reports and notifications contributes to EPA's goal of minimizing unanticipated damage from the treatment, storage, or disposal of hazardous waste.

Closure Requirements

EPA promulgated regulations in 40 CFR Parts 264 and 265, Subpart G (§§264.112, 264.115, 264.116, and 265.112, 265.113, 265.115, 265.116, and 265.118-120), that require owners and operators to develop closure plans, amend these plans when appropriate, and submit to EPA closure certifications. EPA reviews information in the closure plans to determine whether closure activities will comply with the regulatory requirements. EPA uses information in the closure certifications to determine that closure took place in accordance with the approved closure plan.

In addition, 40 CFR 264.113 and 265.113 allow owners and operators to apply for allowances and extensions during the closure period by preparing and submitting demonstrations. These demonstrations are needed to ensure that any activities taking place during closure are protective of human health and the environment.

Requiring facilities to comply with these regulations contributes to EPA's goal of ensuring that all hazardous waste management facilities are closed in a manner that is protective of human health and the environment, and that minimizes the need for future cleanup efforts.

Financial Requirements

Section 3004(a)(6) of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, requires EPA to promulgate regulations that include requirements respecting "the maintenance of operations of such facilities and requiring such additional qualifications as to ... financial responsibility (including financial responsibility for corrective action) as may be necessary or desirable."

Closure Financial Assurance Requirements

The need for financial assurance of closure care is indicated by the numerous instances of environmental damage resulting from abandonment of hazardous waste management (HWM) facilities and

other failures by owners and operators to provide adequately for closure care. The likelihood of such failure is increased by the fact that the costs for closure care are expected to commence when the economic value of the facility is either at a minimum or nonexistent.

EPA believes that significant numbers of owners and operators would lack the ability to provide for closure care without effective requirements for financial assurance. Consequently, the Agency developed 40 CFR Parts 264 and 265, Subpart H financial responsibility requirements for closure care. (The requirements in Part 264, Subpart H, are identical to the requirements in Part 265, Subpart H. The remainder of this supporting statement will use the reference to Subpart H as referring to both the Part 264 and Part 265 financial responsibility requirements.)

Liability Requirements

The liability requirements are designed to assure that funds will be available during the operating life of a facility from which third parties can seek compensation for bodily injury and property damage arising from the operation of the facility. The liability requirements are necessary for several reasons. First, the requirements provide protection to human health and the environment by assuring that funds are available to owners and operators to compensate for damage caused by accidents at hazardous waste facilities, including payments for bodily injury and property damage. In addition, the Agency believes that without liability coverage requirements, there would be less public confidence in and greater opposition to proposed and existing hazardous waste facilities. The liability requirements also result in other potential benefits for human health and the environment: the incentive, in the form of lower insurance premiums, to improve design and operation of the facility, and the oversight that insurers provide over facility operations.

Conditions Applicable to All Permits

EPA promulgated conditions applicable to all permits at 40 CFR Part 270, Subpart C. Information collected under this authority is needed to ensure that permittees are complying with permit conditions, and to determine whether cause exists for modifying, revoking and reissuing, or modifying a permit.

SPECIFIC UNIT REQUIREMENTS FOR BIFs

Exemptions from the BIF Regulations

EPA promulgated regulations in sections 266.100 and 266.108 that allow owners and operators of certain BIF units to apply for an exemption from BIF regulations. Collecting this information contributes to EPA's goal of ensuring that only those facilities that satisfy exemption requirements be excluded from burning regulations.

Permit Standards

EPA promulgated regulations in section 266.102 covering permitted BIFs. Under section 266.102(e)(8), EPA subjects permitted units to monitoring and inspection requirements. Facilities with permitted BIF units are required to comply with standards that control the following emissions:

- Organic emissions and particulate matter by limiting CO emissions, and in some cases, HC emissions, to specified levels (§266.104 and §266.105);

- Metals emissions by complying with specified Tier I feed rate screening limits, Tier II emission rate screening limits, Tier III site-specific risk assessments, adjusted Tier I feed rate screening limits, or an alternative implementation approach (§266.106); and
- HCl and Cl₂ gas emissions by complying with Tier I feed rate screening limits, Tier II emission rate screening limits, Tier III site-specific risk assessments, or adjusted Tier I feed rate screening limits (§266.107).

These requirements contribute to EPA's goal of ensuring that BIF units are being operated in compliance with the terms of their permits and applicable standards.

Interim Status Standards

EPA promulgated regulations in section 266.103 covering interim status BIFs. EPA needs to collect information from these facilities in demonstrations, the certification of precompliance, and the certification of compliance to ensure that the facility can be operated in compliance with applicable standards in a manner protective of human health and the environment. However, EPA does not expect any facilities to complete the certification of precompliance or the certification of compliance, as all operating interim status facilities have already submitted the information. In addition, EPA subjects interim status units to monitoring and inspection reports to ensure that BIF units are being operated in compliance with the standards for controlling organic emissions (§266.104), particulate matter (§266.105), metals emissions (§266.106), HCl and Cl₂ gas emissions (§266.107), as described above for permitted BIF units.

Standards to Control Organic Emissions

EPA promulgated regulations in section 266.104(a)(2) that allow owners and operators to submit a demonstration for an alternative POHC designation. EPA needs to collect this information to ensure that any POHC used is an effective indicator of combustion efficiency.

Standards to Control Metals Emissions

EPA promulgated regulations in section 266.106(f) that allow owners and operators to submit information in support of an alternative implementation approach. EPA needs to collect this information to ensure that any approach used will work effectively and safely.

Direct Transfer Requirements

EPA promulgated regulations in section 266.111 that set forth information requirements for facilities that directly transfer hazardous waste from a transport vehicle to a BIF unit without the use of a storage unit. These requirements contribute to EPA's goal of ensuring that waste is transferred in a manner that minimizes the likelihood of a release.

Regulation of Residues

EPA promulgated regulations in section 266.112 that allow residue that is derived from the burning or processing of hazardous waste to be exempt from being classified as hazardous waste if the owner or operator can demonstrate that the burning of the hazardous waste does not significantly affect the character of the residue. Under Appendix IX, section 7, an owner or operator may use an alternative statistical approach and an approach for the handling of nondetect data points if he or she prepares and maintains

supporting rationale for such an approach. EPA needs to collect this information to ensure that residue generated during the combustion of hazardous waste in BIFs is managed in a manner protective of human health and the environment.

PART B PERMIT APPLICATION AND PERMIT MODIFICATION REQUIREMENTS FOR BIFs

General Part B Information Requirements for BIFs

RCRA section 3005 requires EPA to promulgate regulations detailing informational requirements for owners and operators submitting Part B permit applications. EPA promulgated these requirements in 40 CFR Parts 264 and 270:

- Section 270.14(a) allows owners and operators to petition EPA for relief from submission of information prescribed in Part B on a case-by-case basis by demonstrating that such information cannot be provided to the extent required.
- Section 270.14(b)(1)-(14) requires owners and operators of hazardous waste management facilities to submit information on compliance with general facility standards in their Part B permit applications.
- Sections 270.14(b)(15)-(16) require owners and operators of new facilities to submit detailed written estimates of the cost of facility closure and post-closure care in accordance with the requirements of §§264.142(a) and 264.144(a), respectively.
- Sections 270.14(b)(15)-(16) also require owners and operators to establish and provide evidence of financial assurance for facility closure (§264.143) and post-closure (§264.145). Owners and operators can establish financial assurance with a number of financial instruments.
- Section 270.14(b)(17) requires owners and operators to document the amount of insurance meeting specifications detailed in §264.147(a) and, if applicable, §264.147(b), that are in effect before initial receipt of hazardous waste for treatment, storage, or disposal.
- Section 270.14(b)(18) requires owners and operators to provide proof of coverage by a State financial mechanism in compliance with §§264.149 or 264.150, where appropriate. Section 264.149 allows owners and operators to use State-required financial assurance mechanisms to meet §§264.143, 264.145, or 264.147 requirements. Section 264.150 requires owners and operators to notify EPA when a State assumes legal responsibility or assures availability of funds for an owner or operator's compliance with the closure, post-closure care, or liability requirements of this part.
- Section 270.14(b)(19) requires owners and operators to provide a topographic map showing a distance of 1000 feet around the facility.
- Section 270.33 establishes informational requirements for owners and operators developing schedules of compliance leading to compliance with RCRA regulations. EPA needs this information to determine whether schedules of compliance are reasonable.

EPA needs the various Part B permit information to evaluate the compliance of facilities with the permitting standards. These requirements contribute to EPA's goal of insuring that hazardous waste management facilities are operated in a manner fully protective of human health and the environment.

Specific Part B Information Requirements for BIFs

EPA promulgated regulations at 40 CFR 270.66 and 270.22 requiring owners and operators of BIFs to submit specific additional information.

Fugitive Emissions

EPA needs to collect information on all alternative means of fugitive emissions control to ensure that the method desired performs effectively.

Requirements Relating to the Pre-Trial Burn, Trial Burn, and Post-Trial Burn Periods

EPA needs to collect information relating to the various permit operating periods to ensure that the BIF unit can meet the standards set forth in 40 CFR Part 266, Subpart H. EPA needs to collect information on the trial burn to determine whether a facility can comply with emissions standards and to establish permit limits.

Waivers of the Trial Burn

EPA needs to collect information supporting a waiver of a trial burn to ensure that any waiver desired by an applicant is approved only if the prescribed testing is unnecessary.

Alternative HC Limit for Industrial Furnaces with Organic Matter in Raw Materials

EPA needs to collect information for an alternative HC limit to ensure that the limit will be protective of human health and the environment.

Alternative Metals Implementation Approach

EPA promulgated regulations in §§270.22(c) and 266.106(f) that allow owners and operators to submit information in a Part B application in support of an alternative implementation approach. EPA needs to collect this information to ensure that any approach used will work effectively and safely.

Automatic Hazardous Waste Feed Cutoff System

Under 270.22(d), owners and operators must submit information describing the automatic hazardous waste feed cutoff system. EPA needs this information to ensure that such a system is installed at the facility and that the owner or operator is familiar with its operation.

Direct Transfer Requirements

EPA promulgated regulations in §§270.22(e) and 266.111 that set forth information requirements for facilities that directly transfer hazardous waste from a transport vehicle to a BIF unit without the use of a storage unit. These requirements contribute to EPA's goal of ensuring that waste is transferred in a manner that minimizes the likelihood of a release.

Regulation of Residues

EPA promulgated regulations in §§270.22(f) and 266.112 that allow residue that is derived from the burning or processing of hazardous waste to be exempt from being classified as hazardous waste if the owner or operator can demonstrate that the burning of the hazardous waste does not significantly affect the character of the residue. Under Appendix IX, section 7, an owner or operator may use an alternative statistical approach and an approach for the handling of nondetect data points if he or she prepares and maintains supporting rationale for such an approach. EPA needs to collect this information to ensure that residue generated during the combustion of hazardous waste in BIFs is managed in a manner protective of human health and the environment.

Permit Modifications for BIFs

Permit Modifications

EPA promulgated regulations in 40 CFR Part 270 outlining procedures for modification and transfer of permits:

- Compliance with Class 1 modification requirements and submittal of specific financial and contractual information before transferring ownership or operational control of a facility (§270.40(b));
- Specified procedures for owners and operators submitting permit modifications at the request of the Agency (§270.41);
- Specified procedures for owners and operators applying for Class 1 permit modifications (§270.42(a)), and owners and operators applying for Class 2 or 3 permit modifications (§270.42(b) - (c));
- Specified procedures for owners and operators requesting a classification of a permit modification (§270.42(d)); and
- Specified procedures for owners and operators applying for temporary authorization (§270.42(e)).

EPA needs this information to comprehensively evaluate whether requests for modifications or transfer of ownership should be granted. The permit modification procedures contribute to EPA's goal of providing a role for the public in the permitting process. In general, these informational requirements aid in meeting EPA's goal of ascertaining and minimizing risks to human health and the environment from hazardous waste management facilities.

Expiration and Continuation of Permits

EPA promulgated regulations in sections 270.50 and 270.51 requiring owners and operators to renew their Part B permit. In order to renew an expiring permit, owners and operators must submit an application containing the information required under section 270.14 and the applicable sections of sections 270.15 through 270.29. The permit renewal process provides EPA with an opportunity to complete an extensive review of the facility permit to determine whether the terms of the permit continue to provide the most appropriate mechanism for protecting human health and the environment.

2(b) PRACTICAL UTILITY/USERS OF THE DATA

COMPARABLE/SYNGAS FUEL SPECIFICATION

EPA uses information collected for comparable/syngas fuel specifications to demonstrate that the facilities meet the necessary requirements and to ensure adequate environmental protection.

GENERAL FACILITY STANDARDS APPLICABLE TO BIFs

General Facility Operating Requirements

Foreign Shipment Import Report, Notice of Appropriate Permits, and Notice of Part 264 or 265, and Part 270 Requirements

EPA uses foreign shipment import reports to determine the quantities and types of hazardous wastes being imported from abroad. Information in the foreign shipment import report also allows EPA to determine whether hazardous wastes will be safely transported and managed.

Generators use notices of appropriate permits to ensure that their waste is being managed by a permitted facility. Owners and operators of TSDFs must keep the notices in the operating record, and these notices may be reviewed by EPA during facility inspections.

New owners and operators use the notice of Part 264 and Part 270 requirements to improve their understanding of applicable regulations.

Waste Analysis, Waste Analysis Plan, Inspection Schedule, and Documentation of Compliance

The waste analysis and waste analysis plan, as well as the inspection schedule and documentation of compliance for ignitable or incompatible wastes, are primarily designed to ensure that a facility is complying with the BIF regulations and can adequately handle incoming waste as demonstrated during the trial burn or compliance testing. Information associated with these requirements is also used to ensure that the incoming waste is really what the generator claims it to be, and to prevent unauthorized releases of pollutants during burning of hazardous waste on-site. Much of the information in the waste analysis plan will also be used to provide a quality assurance check on both the generator and the owners' and operators' facilities.

Personnel Training

Both EPA and owners and operators use information in the personnel training records to ensure that personnel acquire the necessary expertise to perform their jobs. During inspections, EPA reviews job descriptions and training documents to determine whether each person is receiving a level of training that is commensurate with the person's duties and responsibilities as well as the ability to respond to any emergency situations at the facility.

Recordkeeping Requirements

The facility owner or operator uses information included in the operating record and waste disposal location and quantity records to prevent the facility from receiving or placing in proximity wastes that are incompatible or that are likely to ignite or explode. If an unanticipated release of hazardous waste occurs, the owner or operator may review information in the operating record to determine the composition of the waste. Reviewing information in the operating record facilitates the owner's or operator's selection of an appropriate corrective action and cleanup measure. By providing facility-specific data, the operating record also enables EPA compliance officials to determine whether operating requirements can be better tailored to the needs of a particular site.

Contingency Plan and Emergency Procedures

Local emergency response teams, certain hazardous waste generators, treatment, storage, and disposal facility owners or operators, and EPA use information included in the contingency plan to assure an appropriate response to any unplanned release of hazardous waste or hazardous waste constituents. EPA reviews information in the contingency plan and emergency report to determine whether additional site-specific emergency provisions are necessary.

Closure Requirements

EPA uses information contained in closure plans to determine whether an owner or operator's planned closure activities will comply with environmental regulations. EPA officials use information contained in closure certifications to ensure that the owner or operator closed his/her facility according to the specifications outlined in the approved closure plan. EPA uses information contained in demonstrations to ensure that any activities taking place during the closure period are protective of human health and the environment.

Financial Requirements

The closure care and liability coverage financial instruments submitted by the owner or operator are reviewed by EPA to determine compliance with the applicable Subpart H regulations. This review involves determinations of the validity of the instrument, acceptability of the financial assurance provider, adequacy of the instrument amount, and fulfillment of the other regulatory requirements. The information is also used to direct funds for closure care and liability coverage in the event of default or bankruptcy of a facility owner or operator.

Conditions Applicable to All Permits

EPA uses data collected from permitted facilities to evaluate compliance with the terms of the permit and to decide whether cause exists for modifying, revoking and reissuing, or terminating the permit. By collecting this information, EPA ensures that permitted facilities are operating in a manner protective of human health and the environment.

SPECIFIC UNIT REQUIREMENTS FOR BIFs

Exemptions from the BIF Regulations

EPA uses information collected under sections 266.100 and 266.108 to determine whether a facility complies with the conditions that allow an exemption from BIF regulations.

Permit Standards

EPA uses monitoring and inspection information to ensure that a facility is complying with all the terms of its permit and all applicable standards and conditions, including standards covering the control of organic emissions (§266.104), particulate matter (§266.105), metals emissions (§266.106), HCl and Cl₂ gas emissions (§266.107).

Interim Status Standards

EPA uses information submitted as part of a demonstration to evaluate whether an allowance should be granted. EPA uses information collected in the certification of precompliance and certification of compliance to evaluate whether a BIF unit can meet applicable standards. EPA uses information collected in monitoring and inspection reports to ensure that a BIF unit is being operated in compliance with applicable standards, including standards covering the control of organic emissions (§266.104) particulate matter (§266.105), metals emissions (§266.106), HCl and Cl₂ gas emissions (§266.107). However, EPA does not expect any facilities to complete the certification of precompliance or the certification of compliance, as all operating interim status facilities have already submitted the information.

Standards to Control Organic Emissions

EPA uses information submitted in support of an alternative POHC designation to evaluate whether the proposed POHC can serve as an effective indicator of combustion efficiency.

Standards to Control Metals Emissions

EPA uses information submitted in support of an alternative implementation approach to evaluate whether the proposed approach can be used effectively and safely.

Direct Transfer Requirements

EPA uses information concerning the direct transfer of waste to evaluate the equipment used and to ensure that waste is being transferred in a manner that minimizes the likelihood of a release.

Regulation of Residues

EPA uses information submitted in support of an exclusion of residue from being classified as a hazardous waste to evaluate whether such an exclusion is warranted. EPA uses information submitted in support of the use of an alternative statistical approach and an approach for the handling of nondetect data points to ensure that the approaches used are supported by valid data and assumptions.

PART B PERMIT APPLICATION AND PERMIT MODIFICATION REQUIREMENTS FOR BIFs

General Part B Information Requirements for BIFs

EPA uses the information requirements in 40 CFR Parts 264 and 270 for owners and operators submitting Part B applications to evaluate compliance with various elements of the regulations. For example, the general facility standards informational requirements provide EPA with information demonstrating compliance with standards regarding the facility's contingency plan, the inspection schedule, and security procedures. EPA uses the financial assurance information requirements to evaluate the facility owner's financial ability to close the facility, to maintain the facility after closure, and to respond to any contingencies. Owners and operators use schedules of compliance to develop a list of activities needed to come into compliance with the applicable regulations. EPA uses performance test plans and documentation of compliance to ensure that design and operating procedures are in accordance with air emissions standards.

Specific Part B Information Requirements for BIFs

Fugitive Emissions

EPA uses information submitted in support of an alternative means of fugitive emissions control to ensure that the proposed method will perform effectively.

Requirements Relating to the Pre-Trial Burn, Trial Burn, and Post-Trial Burn Periods

EPA uses information relating to the various permit operating periods to evaluate whether the BIF unit can meet the standards set forth in 40 CFR Part 266, Subpart H. EPA uses information submitted in the trial burn plan to evaluate whether a facility's plans are adequate. EPA uses trial burn results to determine whether a facility can meet applicable standards and to set permit conditions. These requirements contribute to EPA's goal of ensuring that facilities can meet the standards set forth in 40 CFR Part 266, Subpart H.

Waivers of the Trial Burn

EPA uses information submitted in support of a waiver of a trial burn to evaluate whether the proposed waiver should be granted, based on human health and environmental considerations.

Alternative HC Limit for Industrial Furnaces with Organic Matter in Raw Materials

EPA uses information submitted in support of an alternative HC limit to evaluate whether the limit will be protective of human health and the environment.

Alternative Metals Implementation Approach

EPA uses information submitted in support of an alternative implementation approach, as described at §266.103(b), §266.106(f), and appendix IX, section 10, to evaluate whether the proposed approach will work effectively and safely.

Automatic Hazardous Waste Feed Cutoff System

EPA uses information on the automatic hazardous waste feed cutoff system to evaluate whether the system has been installed and is being operated correctly.

Direct Transfer Requirements

EPA uses information collected on direct transfer equipment to evaluate and ensure that the integrity of the equipment and its maintenance and operation minimizes the likelihood of a release.

Regulation of Residues

EPA uses information submitted in support of an exclusion of residue from classification as a hazardous waste to evaluate whether the residue meets the required conditions for exclusion. EPA needs to collect this information to ensure that residue generated during the combustion of hazardous waste in BIFs is managed in a manner protective of human health and the environment.

Permit Modifications for BIFs

Permit Modifications

EPA uses permit information to evaluate the initial permit applications and any subsequent requests for modifications. The public may also use draft EPA permit and permit modification determinations which incorporate data submitted by facilities to assess hazardous waste management facilities being developed in their communities.

Expiration and Continuation of Permits

EPA uses permit renewal applications to ensure that the terms of the facility permit remain protective of human health and the environment.

3. NONDUPLICATION, CONSULTATIONS, AND OTHER COLLECTION CRITERIA

3(a) NONDUPLICATION

The information collections covered in this ICR are not available from sources other than the respondents. EPA's Office of Solid Waste is the only office within the Agency collecting this information, and no other Federal agency or department collects this information. In addition, the Office of Solid Waste has systematically reorganized its ICR structure to eliminate gaps or duplication.

3(b) PUBLIC NOTICE REQUIRED PRIOR TO ICR SUBMISSION TO OMB

In compliance with the Paperwork Reduction Act of 1995, EPA has issued a public notice in the *Federal Register* (67 FR 43106); no comments were received.

3(c) CONSULTATIONS

In preparing this ICR, EPA incorporated data obtained from the EPA Regions on the number of permitted and interim status BIF facilities; as such, this ICR reflects EPA's most current understanding of the number of facilities under the BIF program.

Note that EPA did not conduct consultations with the States or industry in preparing this ICR. In preparing previous BIF ICRs (e.g., ICR #1361.06), EPA held consultations with the States and industry, as needed, to obtain accurate estimates of their hour and cost burden under the BIF program. This current ICR #1361.09 reflects their feedback.

3(d) EFFECTS OF LESS FREQUENT COLLECTION

EPA has carefully considered the burden imposed upon the regulated community by the specific unit and special waste processes and types regulations. Consequently, EPA is confident that those activities required of respondents are necessary, and to the extent possible, minimize the burden imposed. EPA believes strongly that if the minimum requirements specified under the regulations are not met, EPA will be unable to fulfill its Congressional mandate to protect public health and the environment.

3(e) GENERAL GUIDELINES

This ICR adheres to the guidelines stated in the 1995 Paperwork Reduction Act as amended, OMB's implementing regulations, OMB's Information Collection Request Handbook (EPA, February 1999), and other applicable OMB guidance, except for the records retention period. The BIF regulations require that records be retained until closure of the facility.

3(f) CONFIDENTIALITY

EPA proposes to collect information only to the extent necessary for the implementation of the promulgated rule and does not intend to collect any information related to trade secrets of the stake-holders. Section 3007(b) of RCRA and 40 CFR Part 2, Subpart B define EPA's general policy on the public disclosure of information, and contain provisions for confidentiality of business information. EPA protects from public disclosure all Confidential Business Information (CBI) obtained under RCRA, and has provided businesses with procedures to claim confidentiality for such CBI. EPA makes extra efforts to protect the confidentiality of this CBI.

3(g) SENSITIVE QUESTIONS

No questions of a sensitive nature are included in any of the information collection requirements. This ICR complies with the Privacy Act of 1974 and OMB Circular A-130.

4. THE RESPONDENTS AND THE INFORMATION REQUESTED

4(a) RESPONDENTS SIC/NAICS CODES

The following is a list of Standard Industrial Classification (SIC) codes and corresponding North American Industrial Classification System (NAICS) codes associated with facilities most likely affected by the information requirements covered in this ICR.

Industry Sector	SIC Code(s)	NAICS Code(s)
Mining: Nonmetallic Minerals, Except Fuels: Miscellaneous Nonmetallic Minerals, not elsewhere classified	1499	212399
Commercial Printing, Lithographic	2752	323110
All Other Miscellaneous Chemical Product and Preparation Manufacturing	2819, 2899	325998
Plastics Material and Resin Manufacturing	2821	325211
Paints and Allied Products	2851	
All Other Basic Organic Chemical Manufacturing	2869	325199
Petroleum Refineries	2911	32411
Manufacturing: Stone, Clay and Glass Products: Cement, Hydraulic	3241	32731
Manufacturing: Stone, Clay and Glass Products: Concrete Block and Brick	3271	327331
Manufacturing: Stone, Clay and Glass Products: Ready-Mixed Concrete	3273	32732
Manufacturing: Stone, Clay and Glass Products: Minerals, Ground or Treated	3295	21232, 21239
Manufacturing: Stone, Clay and Glass Products: Non-metallic Mineral Products, not elsewhere classified	3299	327999
Plating and Polishing	3471	332813
Industrial Machinery	3599	333999
Electronic Components	3679	334419
Motor Vehicle Parts and Accessories	3714	3363
Local Trucking Without Storage	4212	48411, 56211
Electric Systems	4911	2211
Sewerage Systems	4952	22132
Waste Treatment and Disposal	4953	5622
Petroleum Bulk Stations and Terminals	5171	42271
New and Used Car Dealers	5511	4411
Gasoline Service Stations	5541	4471
General Automotive Repair Shops	7538	811111

4(b) INFORMATION REQUESTED

COMPARABLE/SYNGAS FUEL SPECIFICATION

As outlined in 40 CFR 261.38(c), waste meeting the comparable/syngas fuel specification is excluded from the definition of solid waste, provided that the standards at section 261.38(c)(1)-(13) are met.

Notices

As provided at section 261.38(c)(1)(i), the facility generating the waste must submit a one-time notice to EPA or the appropriate State claiming and certifying the exclusion. If the generator is a company generating comparable/syngas fuel at more than one facility, the generator must specify at which sites the comparable/syngas fuel will be generated.

In addition, as outlined in section 261.38(c)(1)(ii), the burner must submit, prior to burning excluded comparable/syngas fuel, for publication in a major newspaper or general circulation local to the site where the fuel will be burned, a notice entitled "Notification of Burning a Comparable/Syngas Fuel Excluded Under the Resource Conservation and Recovery Act."

(i) Data items:

As outlined in section 261.38(c)(1)(i)(C), the one-time comparable/syngas fuel specification notice must contain the following items:

- The name, address, and RCRA ID number of the person claiming the exclusion;
- The applicable EPA hazardous waste codes for the hazardous waste;
- The name and address of the units that will burn the comparable/syngas fuel; and
- A signed certification, as outlined in §261.38(c)(1)(i)(C)(4).

As required by section 261.38(c)(1)(ii), the "Notification of Burning a Comparable/Syngas Fuel Excluded Under the Resource Conservation and Recovery Act" must include the following information:

- The name, address, and RCRA ID number of the generating facility;
- The name and address of the unit(s) that will burn the comparable/syngas fuel;
- A brief, general description of the manufacturing, treatment, or other process generating the comparable/syngas fuel;
- An estimate of the average and maximum monthly and annual quantity of the waste claimed to be exempt; and
- The name and mailing address of the State Commissioner or RCRA Regional Director to whom the claim was submitted.

(ii) Respondent activities:

All generators claiming exemptions must:

- Read the regulations.

Generators claiming the comparable/syngas fuel exemption must:

- Prepare and submit the comparable/syngas fuel specification notice to the permitting agency.

Facilities burning comparable/syngas fuel must:

- Prepare and submit a notification to a local newspaper.

Sampling and Analysis

As required by section 261.38(c)(7), generators must develop, follow, and submit to the regulatory authority a sampling and analysis plan. Additionally, as required by section 261.38(c)(8), for each waste for which an exclusion is claimed, the generator must annually test (and retest if there is a process change) for all the constituents listed in Appendix VIII of Part 261 according to the sampling and analysis plan, except those constituents that the generator determines should not be present in the waste. As a part of the analysis, the generator must document the basis of each determination that a constituent should not be present. Facilities that claim the exclusion but are not the original generator of the waste may not use process knowledge and must test the waste to determine that all of the constituent specifications of sections 261.38(a)(2) and 261.38(b) have been met.

(i) Data items:

As required by §§261.38(c)(7), each sampling and analysis plan must specify:

- The parameters for which each hazardous waste will be analyzed and the rationale for the selection of these parameters;
- The test methods which will be used to test for these parameters;
- The sampling method which will be used to obtain a representative sample of the waste to be analyzed;
- The frequency which the initial analysis of the waste will be reviewed or repeated to ensure that the analysis is accurate and up to date; and
- If process knowledge is used in the waste determination, any information prepared by the facility owner or operator in making such determination.

The waste analysis plan shall also contain records of:

- The date and times waste samples were obtained, and the dates the samples were analyzed;

- The names and qualifications of the person(s) who obtained the samples;
- A description of the (temporal and) spatial locations of the samples;
- The name and address of the laboratory facility at which analyses of the samples were performed;
- A description of the analytical methods used, including any clean-up and sample preparation methods;
- All quantitation limits achieved, all other quality control results for the analysis (including method blanks, duplicate analyses, matrix spikes, etc.), laboratory quality assurance data, and a description of any deviations from analytical methods written in the plan or from any other activity written in the plan;
- All laboratory analytical results demonstrating that the exclusion specifications have been met for the waste; and
- All laboratory documentation that supports the analytical results, unless a contract between the claimant and the laboratory provides for the documentation to be maintained by the laboratory for the period specified in §261.38(c)(10) and also provides for the availability of the documentation to the claimant upon request.

(ii) Respondent activities:

Facilities claiming the comparable/syngas fuel exclusion must perform the following activities:

- Develop, follow, and submit a sampling and analysis plan for each waste for which an exclusion is sought; and
- Document that no hazardous constituents are present in the waste by annual sampling and analysis; or
- Document that no hazardous constituents are present in the waste by process knowledge.

Blended Waste

As required by section 261.38(c)(8)(viii), facilities blending waste in order to meet the kinematic viscosity specifications must analyze the fuel as generated to ensure that it meets the constituent and heating value specifications and then analyze the fuel again after blending to ensure that it continues to meet all comparable/syngas fuel specifications.

(i) Data items:

- Analysis and documentation compliance with blending or treating standards.

(ii) Respondent activities:

To meet the comparable/syngas fuel exclusion, facilities blending wastes must:

- Analyze and document that blended fuel meets all comparable/syngas fuel specifications by sampling and analyzing the fuel as generated and after blending.

Recordkeeping

As required by section 261.38(c)(10), generators of comparable/syngas fuels must retain records in on-site files of all comparable and syngas fuel-related information for three years.

(i) Data items:

- Records specified at section 261.38(c)(10)(i)-(ix).

(ii) Respondent activities:

- Maintain records for three years.

Off-Site Burning

As required by section 261.38(c)(12), prior to submitting a notification to the State Commissioner or RCRA Regional Director, a comparable/syngas fuel generator intending to ship fuel off-site for burning must obtain a one-time written, signed statement from the burner. Additionally, as required by section 261.38(c)(10)(ix), generators must retain information on each shipment of fuel sent off-site for burning.

(i) Data items:

The one-time statement must:

- Certify that the comparable/syngas fuel will only be burned in an industrial furnace, boiler, or hazardous waste incinerator, as required under §261.38(c)(12);
- Identify the name and address of the units that will burn the comparable/syngas fuel;
- Certify that the State in which the generator is located is authorized to exclude wastes as comparable/syngas fuels;
- The shipment-specific information must include the following information:
 - The name and address of the facility receiving the comparable/syngas fuel for burning;
 - The quantity of comparable/syngas fuel delivered;
 - The date of shipment or delivery; and
 - A cross-reference to the record of comparable/syngas fuel analysis or other information used to make the determination that the comparable/syngas fuel meets the specifications as required under §261.38(c)(8).

(ii) Respondent activities:

All facilities shipping their fuel off-site for burning must:

- Obtain a one-time written, signed statement from the burner; and
- Prepare and maintain shipment-specific data for each shipment bound for off-site burning.

GENERAL FACILITY STANDARDS APPLICABLE TO BIFs

General Facility Operating Requirements

Foreign Shipment Import Report

(i) Data items:

Sections 264.12(a) and 265.12(a) require owners or operators that have arranged to receive hazardous wastes from foreign sources to notify the Regional Administrator in writing at least four weeks prior to the expected date of arrival of the shipments at the facility. Data items that should be included in this notification include:

- Description of the type and quantity of waste to be received;
- Date shipment is expected to arrive; and
- Description of how imported waste will be managed at the facility.

(ii) Respondent activities:

In order to comply with the foreign shipment report requirements, respondents must perform the following activities:

- Read the regulations;
- Collect data; and
- Prepare and submit the notification.

Notice of Appropriate Permits

(i) Data items:

Section 264.12(b) requires the owner or operator of a facility that receives off-site waste to inform the generator in writing that he or she has the appropriate permits, and will accept, the waste the generator is shipping. This notice must be sent to the generator before receiving the first shipment of waste. The owner or operator must retain a copy of the notice at the facility.

(ii) Respondent activities:

In order to comply with section 264.12(b), respondents must perform the following activities:

- Read the regulations;

- Prepare and submit the one-time notice; and
- Retain a copy of the notice.

Notice of Part 264 or 265, and Part 270 Requirements

(i) Data item:

Sections 264.12(c) and 265.12(b) require owners or operators transferring ownership of a facility during its operating life to notify the new owner or operator in writing of the requirements of 40 CFR Part 264 or 265 and Part 270. This notice must be submitted before the transfer in ownership.

(ii) Respondent activities:

In order to comply with sections 264.12(c) and 265.12(b), respondents must perform the following activities:

- Read the regulations; and
- Prepare and submit the notice.

Waste Analysis

(i) Data items:

Waste analysis is required for all facilities with permitted and interim status BIFs. Regulations covering waste analysis have been promulgated as general hazardous waste facility requirements at sections 264.13 and 265.13, and as specific unit requirements for BIFs at §266.102(b) and (e), §266.103(b) and (c), and appendix IX of Part 266. Sections 264.13(a)(1) and 265.13(a)(1) require an owner or operator to obtain a detailed chemical and physical analysis of any hazardous waste he or she intends to treat, store, or dispose. Sections 264.13(a)(2) and 265.13(a)(2) state that the analysis may include data, either existing or published, developed under 40 CFR Part 261, as well as existing data on the hazardous waste or hazardous waste generated from similar processes. For facilities with permitted BIF units, this analysis must include a quantification of the concentration of any hazardous constituents identified in appendix VIII of 40 CFR Part 261 that are reasonably expected to be in the waste, as required by section 266.102(b). Appendix VIII constituents excluded from this analysis must be identified and the basis for their exclusion explained. For facilities with interim status BIF units that recycle collected particulate matter, this analysis must include testing for metals content that is sufficient for the owner or operator to determine if changes in metals content may affect the ability of the facility to meet the metals emissions standards established under §266.106(c) or (d). Parameters that are analyzed during waste analysis include viscosity, particle size, volatility, heating value, and the concentration of metals, HCl, and Cl₂ in the hazardous and non-hazardous waste streams and in the total pumpable hazardous waste feed.

(ii) Respondent activities:

In order to comply with the waste analysis requirements of the above referenced sections, respondents must perform the following activities:

- Read the regulations;

- Collect data; and
- Perform waste analysis (sampling, testing).

Waste Analysis Plan

(i) Data items:

Sections 264.13(b)-(c) and 265.13(b)-(c) state that an owner or operator of a hazardous waste facility must develop and follow a written waste analysis plan that describes the procedures to be used in obtaining a detailed chemical and physical analysis of the waste. The owner or operator is required to keep the waste analysis plan at the facility. At a minimum, the plan must include the following information:

- Parameters for which each hazardous waste will be analyzed and the rationale for the selection of these parameters;
- Test methods used to test for the parameters;
- Sampling method used to obtain a representative sample of the waste to be analyzed;
- Frequency with which the initial analysis of the waste will be reviewed or repeated to ensure that the analysis is accurate and up to date;
- For off-site facilities, the waste analyses that hazardous waste generators have agreed to supply; and
- Where applicable, the methods which will be used to meet additional waste analysis requirements for specific waste management methods as specified in §§264.17, 264.314, 264.341, 264.1034(d), 264.1063(d), 265.200, 265.225, 265.252, 265.273, 265.314, 265.341, 265.375, 265.402, 265.1034(d), 265.1063(d), and 268.7.

(ii) Respondent activities:

Since permitted facilities submit the waste analysis plan with the Part B permit application, activities associated with developing and modifying the waste analysis plan are discussed in the Part B permit application and permit modifications portion of this ICR. However, prior to submitting a permit application, an interim status facility must prepare a waste analysis plan. Therefore, preparation and modification of waste analysis plans for interim status facilities will be discussed in this section of the ICR. In addition to the development of the plan, this ICR will also focus on activities associated with the recordkeeping aspects of the regulations for both permitted and interim status facilities.

To meet the recordkeeping requirement outlined in §§264.13(b) and 265.13(b), owners or operators must file the waste analysis plan at the facility. Activities associated with developing a waste analysis plan include:

- Read the regulations;
- Collect the data required in the waste analysis plan;

- Write the waste analysis plan;
- Maintain the plan (e.g., photocopying and filing);
- Modify the waste analysis plan (for new and existing interim status facilities); and
- Maintain the modified waste analysis plan.

Inspection Schedule

(i) Data items:

Sections 264.15(b)(1) and 265.15(b)(1) require owners and operators to develop and follow a written schedule for monitoring equipment that is important in preventing, detecting, or responding to environmental or human health hazards. At a minimum, the inspection schedule must identify the types of problems that are to be investigated during the inspection.

Section 264.15(d) and 265.15(d) state that an owner or operator must record inspections conducted according to the written schedule developed pursuant to §§264.15(b)(1) and 265.15(b)(1) in an inspection log or summary that is to be maintained at the facility.

The inspection log or summary must contain the following data items:

- Date and time of inspection;
- Name of inspector;
- Notation of the observations made; and
- Date and nature of any repairs or other remedial action.

(ii) Respondent activities:

Since permitted facilities submit the inspection schedule with the Part B permit application, activities associated with developing and modifying the schedule are discussed in Part B permit applications and modifications portion of this ICR. Prior to submitting a permit application, interim status facilities must prepare an inspection schedule; preparation of and modification to the inspection schedule for these facilities will be discussed in this section of the ICR. This ICR will also focus on activities associated with the recordkeeping aspects of the regulations for both permitted and interim status facilities.

To meet the requirements outlined in §§264.15(d) and 265.15(d), the owner or operator must conduct the following activities:

- Read the regulations;
- Develop an inspection schedule (new interim status facilities only);

- Maintain and modify the inspection schedule at the facility (new and existing interim facilities only); and
- Record problems identified during inspections in the inspection log.

Personnel Training

(i) Data items:

Sections 264.16(d) and 265.16(d) require an owner or operator to maintain copies of personnel training documents and records at the facility. These documents should include the following data items:

- Job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job;
- Written job description for each position, which includes the necessary skill, education, or other qualifications and duties of employees assigned to each position;
- Written description of the type and amount of both introductory and continuing training that will be given to each person filling a position; and
- Records that document that the training or job experience required have been given to, and completed by, facility personnel.

(ii) Respondent activities:

Respondent activities associated with sections 264.16(d) and 265.16(d) include:

- Read the regulations;
- Collect the data items listed above; and
- Maintain (e.g., photocopying and filing) the specified training records at the facility until closure.

Documentation of Compliance for Ignitable, Reactive, or Incompatible Wastes

(i) Data items:

Section 264.17(c) states that the owner or operator of a hazardous waste facility must take precautions to prevent accidental ignition or reaction of ignitable or reactive waste. The owner or operator of a permitted facility must document compliance with the requirements outlined in §264.17(a) and (b). The documentation may be based on references to published scientific or engineering literature, data from trial tests (e.g., bench scale or pilot scale tests), waste analyses (as specified in §264.13), or the results of the treatment of similar wastes by similar treatment processes and under similar operating conditions.

(ii) Respondent activities:

Respondent activities associated with section 264.17(c) include:

- Read the regulations;
- Collect and document the data items mentioned above; and
- Maintain (e.g., photocopying and filing) documentation at the facility.

Recordkeeping Requirements

Operating Record Requirements

(i) Data items:

Sections 264.73 and 265.73 outline specific operating recordkeeping requirements that are imposed on TSDFs. This ICR covers the requirements found at these citations that apply to facilities with BIF units. For these facilities, the operating record must contain the following data items:

- A description and the quantity of each hazardous waste received, and the method(s) and date(s) of its treatment, storage, or disposal at the facility as required by Appendix I;
- The location of each hazardous waste within the facility and the quantity at each location. For disposal facilities, the location and quantity of each hazardous waste must be recorded on a map or diagram of each cell or disposal area;
- Records and results of waste analyses performed;
- Summary reports and details of all incidents that require implementing the contingency plan;
- Records and results of inspection reports (which must be kept for three years);
- Monitoring, testing, or analytical data and corrective action where required;
- Closure cost estimates;
- For permitted facilities, an annual certification that the permittee has a program in place to reduce the volume and toxicity of hazardous waste that he generates to the degree determined by the permittee to be economically practicable; and the proposed method of treatment, storage, or disposal that is the practicable method currently available to the permittee which minimizes the present and future threat to human health and the environment; and
- Documents stating refusal of State or local authorities to enter into arrangements to address emergency situations, as required by §264.37(b) and 265.37(b).

(ii) Respondent activities:

In order to comply with sections 264.73 and 265.73, owners or operators are required to maintain a written operating record at the facility. Respondent activities associated with maintaining an operating record for BIF units include maintaining (e.g., photocopying and filing) the other data items listed above.

Contingency Plan and Emergency Procedures

Contingency Plan Requirements

(i) Data items:

Sections 264.51 and 265.51 require owners or operators to have a contingency plan for their facilities and sections 264.53(a) and 265.53(a) require the owner or operator to maintain a copy of an updated contingency plan at the facility. Sections 264.52 and 265.52 outline the data elements that should be included in this plan:

- A description of the arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services;
- An updated list of the names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinators;
- An updated list of all emergency equipment at the facility and the location, physical description, and capabilities of the emergency equipment. The contingency plan should also indicate where the emergency equipment will be required; and
- An evacuation plan for facility personnel where there is a possibility that evacuation may be necessary.

In addition, sections 264.53(b) and 265.53(b) require owners and operators to submit a copy of the contingency plan and all revisions to all local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.

(ii) Respondent activities:

Since permitted facilities submit the contingency plan with the Part B permit application, activities associated with developing and modifying the contingency plan are discussed in the Part B permit applications and permit modifications portion of this ICR. Interim status facilities, however, must prepare contingency plans prior to submitting a permit application; therefore, preparation of the contingency plan for these facilities is covered in this general facility standards portion of this ICR. This portion of the ICR also includes submittal of the plan to State and local authorities and recordkeeping activities for both permitted and interim status facilities.

In order to comply with contingency plan requirements, owners or operators are required to perform the following activities:

- Read the regulations;
- Collect the data required in the contingency plan;
- Write the contingency plan (new interim status facilities only);
- Submit the contingency plan to State and local authorities;

- Maintain (e.g., photocopy and file) the contingency plan until closure of the facility; and
- Amend the contingency plan when appropriate.

[Although permitted and interim-status facilities must comply with appropriate requirements for amending a contingency plan, this portion of the ICR addresses only interim status facilities amending their plans. As mentioned, permitted facilities amending their plans must comply with sections 264.50- 264.54 and submit a permit modification under section 270.42. These permitted facilities are addressed in the Part B permit applications and permit modifications portion of this ICR].

Emergency Reporting and Recordkeeping Requirements

(i) Data items:

Sections 264.56(a)(2) and 265.56(a)(2) require owners and operators to immediately notify State and local authorities with designated response roles of an imminent or actual emergency situation. Sections 264.56(d)(1) and 265.56(d)(1) require owners and operators to notify local authorities if his or her assessment of a release, fire, or explosion indicates that evacuation of local areas may be advisable.

Sections 264.56(d)(2) and 265.56(d)(2) require the facility emergency coordinator to notify the on-scene coordinator or the National Response Center of any release, fire, or explosion that could threaten human health or the environment outside the facility. The emergency notification report must include the following information:

- Name and telephone number of reporter;
- Name and address of facility;
- Time and type of incident;
- Name and quantity of material(s) involved;
- The extent of injuries; and
- Possible hazards to human health or the environment outside the facility.

Sections 264.56(i) and 265.56(i) state that the owner or operator must notify the Regional Administrator and appropriate State and local authorities that their facility is in compliance with §§264.56(h) and 265.56(h) before resuming operations in the affected area(s) of the facility.

Within 15 days of the incident, owners and operators are required, under sections 264.56(j) and 265.56(j) to submit a written report ("owner or operator emergency report") on the incident to the Regional Administrator. The report must include the following data items:

- Name, address, and telephone number of the owner or operator;
- Name, address, and telephone number of the facility;

- Date, time, and type of incident;
- Name and quantity of material(s) involved;
- The extent of injuries;
- An assessment of actual or potential hazards to human health or the environment; and
- Estimated quantity and disposition of recovered material that resulted from the incident.

(ii) Respondent activities:

In order to comply with the reporting requirements of §264.56(a)(2) and §265.56(a)(2), owners and operators must perform the following activities:

- Submit the required notification of an imminent or actual emergency situation to State and/or local authorities.

In order to comply with the reporting requirements of §264.56(d)(1) and §265.56(d)(1), owners and operators must perform the following activities:

- Notify local authorities of the owner or operator's recommendation to evacuate local areas.

In order to comply with the reporting requirements of §264.56(d)(2) and §265.56(d)(2), owners and operators must perform the following activities:

- Notify the on-scene coordinator or the National Response Center of any release.

In order to prepare an emergency report under §264.56(d)(2) and §265.56(d)(2), emergency coordinators must conduct the following activities:

- Collect the information required in the emergency report; and
- Write the emergency notification report.

In order to prepare an owner or operator's emergency report under §264.56(j) and §265.56(j), owners and operators must conduct the following activities:

- Read the regulations;
- Collect the information required in the emergency report; and
- Prepare and submit the emergency report.

In addition to preparing an emergency report, the owner or operator must notify the Regional Administrator that the facility is in compliance with §§264.56(h) and 265.56(h) before resuming operations in affected areas of the facility. Respondent activities associated with this requirement include the following:

- Compile information that demonstrates that all affected areas are in compliance; and
- Prepare and submit a letter notifying the Regional Administrator of this compliance.

Sections 264.56 and 265.56 require the owner or operator to note in the operating record the time, date, and details of any incident that requires implementing the contingency plan (§§264.56(j) and 265.56(j)). Respondent activities associated with this requirement are burdened in the respondent activity section for the operating record requirements.

Closure Requirements

Closure Plan

(i) Data items:

Sections 264.112(a) and 265.112(a) state that an owner or operator must have a written closure plan. The closure plan must include the following data items:

- A description of how each hazardous waste management unit at the facility will be closed in accordance with §§264.111 and 265.111;
- A description of how final closure of the facility will be conducted in accordance with §§264.111 and 265.111. The description must identify the maximum extent of operations which will be unclosed during the active life of the facility;
- An estimate of the maximum inventory of hazardous wastes ever on site over the active life of the facility. This should include a detailed description of the methods to be used during partial closures and final closure such as methods for removing, transporting, treating, storing, or disposing of all hazardous wastes, and identification of the type(s) of off-site hazardous waste management units to be used, if applicable;
- A detailed description of the steps needed to remove or decontaminate all hazardous waste residues and contaminated containment system components, equipment, structures, and soils during partial and final closure;
- A detailed description of other activities necessary during the closure period to ensure that all partial closures and final closure satisfy the closure performance standards, including ground-water monitoring, leachate collection, and run-on and run-off control;
- A schedule for closure of each hazardous waste management unit and for final closure of the facility. The schedule must include, at a minimum:
 - The total time required to close each hazardous waste management unit; and
 - The time required for intervening closure activities which will allow tracking of the progress of partial and final closure; and
- For facilities that use trust funds to establish financial assurance under §§264.143 and 265.143 and that are expected to close prior to the expiration of the permit, an estimate of the expected year of final closure.

(ii) Respondent activities:

Since permitted facilities submit the closure plan and contingency closure plans with the Part B permit application, activities associated with developing and modifying the closure plan are discussed in the Part B permit applications and permit modifications portion of this ICR. Prior to submitting a permit application, interim status facilities must prepare a closure plan. Therefore, preparation of and modification to the closure plan for interim status facilities is covered in the general facility standards portion of this ICR. This portion of the ICR also includes activities associated with the recordkeeping aspects of the regulations for both permitted and interim status facilities.

Maintaining the closure plan at the facility is the only respondent activity associated with the recordkeeping aspects of this regulation. Respondent activities associated with developing a closure plan include:

- Read the regulations;
- Conduct an inventory of the hazardous waste present;
- Record results of inventory;
- Write descriptions for the necessary closure activities;
- Estimate final closure; and
- Write the closure schedule.

Notification and Amendment of the Closure Plan

(i) Data items:

Permit modifications for permitted facilities under section 264.112(c) are included in the Part B permit applications and permit modifications portion of this ICR. Under section 265.112(c), owners or operators of interim status facilities may amend the closure plan at any time prior to notification of partial or final closure of the facility. An owner or operator with an approved closure plan must submit a written request to EPA to authorize a change in the approved closure plan. The owner or operator must amend the closure plan at least 60 days prior to the proposed change in the facility design or operation, or no later than 60 days after an unexpected event has occurred which has affected the closure plan. An owner or operator with an approved closure plan must submit the amended plan to EPA.

(ii) Respondent activities:

Interim status facilities with approved closure plans must:

- Prepare and submit a notification of amendment; and
- Amend and submit the plan to EPA.

Partial Closure and Final Closure Notification

(i) Data items:

Under section 264.112(d)(1), owners or operators of permitted facilities must notify the Regional Administrator of imminent closure plans. Section 265.112(d)(1) requires owners or operators of interim status facilities with approved closure plans to notify EPA of closure in writing within a specified period of time before closure of the unit. Section 265.112(d)(1) also requires owners or operators of interim status facilities to submit a closure plan to the Regional Administrator prior to closure. In addition, section 265.112(d)(3) requires owners or operators of interim status facilities to submit the closure plan to the Regional Administrator no later than 15 days after termination of interim status.

(ii) Respondent activities:

Under sections 264.112(d)(1) or 265.112(d)(1) permitted and interim status facilities must prepare and submit a notification to EPA of imminent closure. Interim status facilities also must submit a closure plan under sections 265.112(d)(1) or 265.112(d)(3).

Extensions and Allowances During the Closure Period

(i) Data items:

Under 40 CFR 264.113 and 265.113, owners and operators may prepare demonstrations in support of certain extensions and allowances during the closure period. Sections 264.113(a) and 265.113(a) allow owners and operators to request an extension for the treatment, storage, or removal of hazardous waste. To receive such an extension, the owner or operator must request a permit modification and demonstrate the following:

- Treatment, storage, and removal activities will, of necessity, take longer than 90 days to complete; or
- The hazardous waste management unit or facility has the capacity to receive additional hazardous or non-hazardous wastes; there is a likelihood that operations will be recommenced within one year; and closure of the unit would be incompatible with continued operation of the site; and
- The owner or operator has taken and will continue to take all steps necessary to prevent threats to human health and the environment, including compliance with all applicable permit requirements.

Sections 264.113(b) and 265.113(b) allow owners and operators to request an extension of the closure period. To receive such an extension, the owner or operator must request a permit modification and demonstrate the following:

- Partial or final closure activities will, of necessity, take longer than 180 days to complete; or
- The hazardous waste management unit or facility has the capacity to receive additional hazardous or non-hazardous wastes; there is a reasonable likelihood that operations will be

recommended within one year; and closure of the unit would be incompatible with continued operation of the site; and

- The owner or operator has taken and will continue to take all steps necessary to prevent threats to human health and the environment, including compliance with all applicable permit requirements.

(ii) Respondent activities:

The burden associated with developing a permit modification for such an extension or allowance is addressed in the Part B permit application and permit modifications portion of this ICR. Other respondent activities associated with obtaining an extension or allowance include the following:

- Prepare and submit the demonstration for an extension for treatment, storage, or removal of hazardous waste;
- Prepare and submit the demonstration for an extension of the closure period; and
- Prepare and submit the demonstration for receiving non-hazardous wastes.

Closure Certification

(i) Data items:

Sections 264.115 and 265.115 require owners or operators to submit to the Regional Administrator a certification that the unit or facility has been closed in accordance with the specifications in the approved closure plan. Documentation supporting the independent registered professional engineer's certification must be furnished to the Regional Administrator upon request until he or she releases the owner or operator from the financial assurance requirements for closure under §§264.143(i) and 265.143(h).

(ii) Respondent activities:

Respondent activities associated with closure certification include:

- Read the regulations;
- Have a registered professional engineer inspect the facility;
- Collect documentation to support the certification; and
- Write and submit the closure certification.

Financial Requirements

Financial Responsibility for Corrective Action

(i) Data items:

Sections 264.101(b) and 264.101(c) require owners and operators of facilities containing solid waste management units (SWMUs) to institute corrective action as necessary, and to provide assurances of financial responsibility for completing such corrective action. This assurance must contain the following data item:

- Documented assurances of financial responsibility in the permit for the means of corrective action chosen.

(ii) Respondent activities:

Fulfilling the information collection requirements for corrective action financial assurance will include the following respondent activities:

- Read the regulations;
- Prepare and submit to the Regional Administrator, with the permit, documented assurances of financial responsibility for the corrective action chosen to be implemented; and
- Demonstrate, if applicable, that permission to implement correction action beyond facility boundary was denied.

Cost Estimates for Closure Care

(i) Data items:

Sections 264.142 and 265.142 require owners and operators to maintain a detailed written estimate of the cost of facility closure care until closure of the facility, in accordance with the requirements specified in §§264.142(a) and 265.142(a). These estimates must include the following data items:

- An adjustment of the closure cost estimate for inflation within sixty days of the anniversary date of the establishment of the financial instrument(s) used to assure financial responsibility for closure (thirty days in the case of owners or operators using the financial test or corporate guarantee)(§§264.142(b) and 265.142(b)); and
- A revision of the closure estimate no later than thirty days after a modification has been made to the closure plan which increases the closure cost (§§264.142(c) and 265.142(c)).

(ii) Respondent activities:

Since permitted facilities submit cost estimates for closure care with the Part B permit application, activities associated with developing and modifying the closure cost estimates are discussed in the Part B permit applications and permit modifications portion of this ICR. Owners and operators will need to engage in several activities in order to collect and maintain the data required by §§264.142 and 265.142:

- Periodically adjust the cost estimate to include inflation and/or revisions to the closure plan; and
- Amend cost estimate due to closure plan changes.

Closure Financial Assurance Requirements

Owners or operators are required to establish and provide evidence of financial assurance for facility closure (§§264.143 and 265.143). Several financial instruments are described throughout this section for the purpose of establishing financial assurance:

(1) Closure Trust Fund

(i) Data items:

Sections 264.143(a) and 265.143(a) explain that owners or operators may establish a closure trust fund in order to comply with §§264.143 and 265.143 requirements. Data items for establishing and providing evidence of a closure trust fund include:

- A trust agreement in compliance with §§264.143(a)(2)-(8) and (10), and 265.143(a)(2)-(8) and (10).

(ii) Respondent activities:

Owners and operators establishing a trust fund in order to comply with the closure financial assurance requirements of sections 264.143 and 265.143 will need to engage in the following respondent activities:

- Gather and submit relevant information to the issuing institution;
- Establish a closure trust fund, in compliance with §§264.143(a)(2)-(8) and (10) and 265.143(a)(2)-(8) and (10);
- Submit an originally signed duplicate of the trust agreement to the EPA Regional Administrator (owners or operators of new facilities must submit this at least sixty days prior to receiving hazardous waste for treatment, storage, or disposal);
- For owners and operators of new facilities, submit a receipt for the first payment under the trust agreement before the initial receipt of hazardous wastes; and
- Amend trust fund due to changes in closure plan.

(2) Surety Bond Guaranteeing Payment into a Closure Trust Fund

(i) Data items:

Sections 264.143(b) and 265.143(b) allow owners and operators to establish surety bonds in order to comply with the financial assurance requirements of sections 264.143 and 265.143. Establishing surety bonds that guarantee payment into a closure trust fund will entail the collection of the following data items:

- A surety bond and trust agreement indicating the conditions of payment into the closure standby trust fund specified in §§264.143(b)(2)-(6) and (8), and 265.143(b)(2)-(6) and (8); and

- Evidence of an increase or decrease in the closure cost estimate that may require the penal sum of the surety bond to be increased or decreased accordingly (§§264.143(b)(7) and 265.143(b)(7)).

(ii) Respondent activities:

In collecting these data items, owners and operators will need to engage in the following respondent activities:

- Gather and submit relevant information to the issuing institution;
- Establish a surety bond and trust agreement that comply with the financial assurance requirements of §§264.143 and 265.143;
- Submit originally signed duplicates of the surety bond and trust agreement to the Regional Administrator (for new facilities, these must be submitted at least sixty days before receiving hazardous waste for disposal);
- Submit evidence of and obtain approval from the Regional Administrator for alternate financial assurance mechanisms, in the case of cancellation of the bond by the surety;
- Increase the penal sum amount, in the case of a corresponding increase in the closure cost estimate; and
- Submit evidence of such an increase in the closure cost estimate to the Regional Administrator.

(3) Surety Bond Guaranteeing Performance of Closure Care

(i) Data items:

Section 264.143(c) allows owners or operators of permitted facilities to comply with §264.143 requirements by obtaining a surety bond that guarantees performance of closure care. Data items for this option include:

- A surety bond and trust agreement indicating the conditions of payment into the standby trust fund specified in §§264.143(c)(2)-(6) and (8); and
- Evidence of an increase in the closure cost estimate that may require the penal sum of the surety bond to be increased or decreased accordingly (§§264.143(c)(7)).

(ii) Respondent activities:

In collecting these data items, owners and operators will need to engage in the following respondent activities:

- Gather and submit relevant information to the issuing institution;
- Obtain a surety bond and trust agreement that comply with the financial assurance requirements of §264.143;

- Submit originally signed duplicates of the surety bond and trust agreement to the Regional Administrator (for new facilities, these must be submitted at least sixty days prior to receiving hazardous wastes for disposal);
- Submit evidence of and obtain approval from the Regional Administrator for alternate financial assurance mechanisms, in the case of cancellation of the bond by the surety;
- Increase the penal sum amount, in the case of a corresponding increase in the closure cost estimate; and
- Submit evidence of such an increase in the closure cost estimate to the Regional Administrator.

(4) Closure Letter of Credit

(i) Data items:

Sections 264.143(d) and 265.143(c) specify that owners or operators may obtain an irrevocable standby letter of credit in order to satisfy financial assurance requirements. Data items for this information collection include:

- A letter of credit from an issuing institution authorized to issue letters of credit and whose letter-of-credit operations are regulated and examined by a Federal or State agency;
- A trust agreement indicating the conditions of payment into the standby trust fund specified in §§264.143(d)(2)-(4) and (6), and 265.143(c)(2)-(4) and (6);
- Notification from the issuing institution to the owner or operator and EPA of a decision not to extend the expiration date mailed at least 120 days before the current expiration date of the letter of credit (§§264.143(d)(5) and 265.143(c)(5));
- A letter (to accompany the letter of credit) from the owner or operator providing the following information:
 - The number, issuing institution, and date of the letter of credit;
 - The EPA identification number, name, and address of the facility; and
 - The amount of funds assured for closure care for the facility by the letter of credit; and
- Evidence of an increase in the closure cost estimate that may require the amount of credit to be increased accordingly (§§264.143(d)(7) and 265.143(c)(7)).

(ii) Respondent activities:

Owners and operators will need to engage in the following activities in order to satisfy the financial assurance requirements with a closure letter of credit:

- Gather and submit relevant information to the issuing institution;

- Obtain a letter of credit from an issuing institution and establish the stand-by trust fund;
- Write a letter from the owner or operator to accompany the letter of credit;
- Submit the following documents to the Regional Administrator:
 - The letter of credit (in the case of new permitted facilities, this must be submitted at least sixty days prior to receiving hazardous waste for treatment, storage, or disposal, pursuant to §§264.143(d)(1));
 - The accompanying letter from the owner or operator; and
 - An originally signed duplicate of the trust agreement;
- Increase the amount of the letter of credit, in the case of corresponding increase in the closure cost estimate; and
- Submit evidence of such an increase in the closure cost estimate to the Regional Administrator.

(5) Closure Insurance

(i) Data items:

Owners or operators may satisfy the financial assurance requirements for closure or post-closure care by establishing closure insurance according to §§264.143(e) and 265.143(d). Data items for this information collection include:

- A closure insurance policy (identified by a certificate of insurance) that meets the requirements specified in §§264.143(e)(1)-(4) and (8), and 265.143(d)(1)-(4) and (8);
- In the case of some interim status facilities, a letter from an insurer stating that an owner or operator is being considered for a closure insurance policy (§§265.143(d)(1)); and
- Evidence of an increase in the closure cost estimate that may require the face amount of the insurance policy to be increased accordingly (§§264.143(e)(7) and 265.143(d)(7)).

(ii) Respondent activities:

Collecting this data will entail the following respondent activities:

- Gather and submit relevant information to the issuing institution;
- Establish a closure insurance policy that satisfies the requirements of §§264.143 and 265.143;
- Submit a certificate of this insurance policy to the Regional Administrator (for new facilities, this must be submitted at least sixty days prior to receiving hazardous wastes for treatment, storage, or disposal);
- In the case of some interim status facilities, submit a letter from an insurer stating that the insurer is considering issuance of an insurance certificate (in this case, owners or operators

must submit the certificate of insurance within ninety days of the effective date of these regulations); and

- Submit evidence of an increase in the current closure cost estimate that may require the face amount of the insurance policy to be modified accordingly.

(6) Financial Test and Corporate Guarantee for Closure Care

(i) Data items:

Sections 264.143(f) and 265.143(e) allow owners and operators to satisfy closure financial assurance requirements by demonstrating financial strength using the financial test specified in these sections. Data items for this demonstration include:

- A letter signed by the owner's or operator's chief financial officer and worded as specified in §264.151(f);
- A copy of an independent certified public accountant's report on examination of the owner's or operator's financial statements for the latest completed fiscal year;
- A special report from the owner's or operator's independent certified public accountant to the owner or operator covering the specifications outlined in §§264.143(f)(3)(iii) and 265.143(e)(3)(iii);
- If an extension of submission of the above documents is sought, a letter from the owner's or operator's chief financial officer to the Regional Administrator of each Region in which facilities to be covered under the financial test are located. This letter, allowed only under §§265.143(e)(4), must contain the following data items:
 - A request for the extension;
 - A certification that the chief financial officer believes that the owner or operator meets the criteria of the financial test;
 - For each facility to be covered by the test, the EPA identification number, name, address, and current closure cost estimates to be covered by the test;
 - A specification of the date (no later than ninety days after the end of such fiscal year) when the owner or operator will submit the documents specified in §§265.143(e)(3); and
 - A certification that the year-end financial statements of the owner or operator for such fiscal year will be audited by an independent certified public accountant;
- Annual updates of the above data items;
- A notice of intent to establish alternative financial assurance, if the owner or operator fails the financial test and no longer meets the requirements of §264.143(f)(1) and 265.143(e)(1);

- Reports of financial conditions as required by the Regional Administrator (§§264.143(f)(7) and 265.143(e)(7));
- If applicable, a written guarantee from the parent corporation of the owner or operator that satisfies financial assurance requirements (§§264.143(f)(10) and 265.143(e)(10)); and
- Notification from the insurer to the owner or operator and EPA of a decision to cancel, terminate, or fail to renew the policy (§265.143(e)(11)(ii)).

(ii) Respondent activities:

Owners or operators will need to engage in the following respondent activities in order to collect the data required by these sections:

- Write the letter signed by the chief financial officer;
- Submit the following documents to the Regional Administrator (for new facilities, these documents must be submitted at least sixty days prior to receiving hazardous waste for treatment, storage, or disposal):
 - The letter signed by the chief financial officer;
 - A copy of the independent certified public accountant's report; and
 - The special report from the independent certified public accountant;
- If applicable, write and submit a letter from the chief financial officer requesting an extension for submission of the above documents;
- Submit updated information annually;
- If applicable, write and submit a notice, by certified mail, to the Regional Administrator of intent to establish other financial insurance;
- Write and submit additional reports of financial condition at any time, as directed by the Regional Administrator; and
- If applicable, submit the corporate guarantee from the parent corporation of the owner or operator.

(7) Use of a Financial Mechanism for Multiple Facilities

(i) Data items:

Sections 264.143(h) and 265.143(g) specify that owners or operators may use one of the above financial assurance mechanisms to meet the requirements of §§264.143 and 265.143 for more than one facility. In such cases, the owner and operator must provide the following data items for each facility:

- EPA identification number, name, and address; and
- The amount of funds for closure care assured by the mechanism.

(ii) Respondent activities:

To comply with the requirements of these sections, owners and operators will need to engage in the following activities:

- Read the regulations;
- Submit the data items listed above to the Regional Administrator; and
- If the facilities covered by the mechanism are located in more than one Region, submit identical evidence of financial assurance to all the applicable Regional Administrators.

Liability Requirements

(1) Coverage for Sudden or Nonsudden Accidental Occurrences

(i) Data items:

Sections 264.147(a) and 265.147(a) specify that owners and operators of hazardous waste treatment, storage, and disposal facilities must demonstrate financial responsibility for bodily injury and property damage to third parties caused by sudden accidental occurrences arising from operations of the facility or group of facilities. In order to comply with these sections, owners or operators will need to gather the following data items:

- Liability coverage demonstrated by one of the following documents (data items for these documents are described in full in the following sections):
 - A liability insurance policy (§§264.147(a)(1), 265.147(a)(1), 264.147(b)(1), or 265.147(b)(1)), accompanied by a signed duplicate original of an Hazardous Waste Facility Liability Endorsement or a Certificate of Liability Insurance (§§264.147(a)(1) and 264.147(b)(1) only);
 - Written evidence of passing a financial test or a written guarantee for liability coverage from the owner's or operator's parent corporation, a firm whose parent corporation is the parent corporation of the owner or operator, or a firm with a "substantial business relationship" with the owner or operator (§§264.147(a)(2), 265.147(a)(2), 264.147(b)(2), and 265.147(b)(2));
 - A letter of credit for liability coverage (§§264.147(a)(3), 265.147(a)(3), 264.147(b)(3), and 265.147(b)(3));
 - A surety bond for liability coverage (§§264.147(a)(4), 265.147(a)(4), 264.147(b)(4), and 265.147(b)(4));
 - A trust fund for liability coverage (§§264.147(a)(5), 265.147(a)(5), 264.147(b)(5), and 265.147(b)(5)); or
 - A combination of insurance, financial test, guarantee, letter of credit, surety bond, and trust fund (§§264.147(a)(6), 265.147(a)(6), 264.147(b)(6), and 265.147(b)(6));
- A written notification to the Regional Administrator whenever a claim or verification of a valid claim for bodily injury or property damages caused by the operation of a hazardous

waste treatment, storage, or disposal facility is made against the owner or operator (§§264.147(a)(7), 265.147(a)(7), 264.147(b)(7), and 265.147(b)(7)); and

- A written notification to the Regional Administrator whenever the amount of financial assurance for liability coverage under one of the above-mentioned instruments is reduced, contingent on a claim or verification of a valid claim (§§264.147(a)(7), 265.147(a)(7), 264.147(b)(7), and 265.147(b)(7)).

(ii) Respondent activities:

Owners and operators will need to engage in the following activities in order to comply with the information collection requirements of §§264.147(a) and (b), and 265.147(a) and (b):

- Establish liability coverage using one of the financial instruments listed above;
- Prepare, write, and submit a notification to the Regional Administrator whenever a claim for bodily injury is made against the owner or operator; and
- Prepare, write, and submit a notification to the Regional Administrator whenever the amount of financial assurance for liability coverage is reduced.

Submission of the two notifications listed immediately above will only occur in the event of a claim; therefore, if no accidental releases occur, owners or operators may never need to submit these notifications.

(2) Liability Insurance

(i) Data items:

Sections 264.147(a)(1), 264.147(b)(1), 265.147(a)(1), and 265.147(b)(1) require owners or operators to submit the following data item:

- A duplicate of the endorsement or certificate of insurance, and, if requested by the Regional Administrator, a duplicate of the insurance policy.

(ii) Respondent activities:

Owners and operators will need to engage in the following activities to complete the requirements for this option:

- Gather and submit relevant information to the issuing institution;
- Obtain an insurance policy amended by attachment of the Hazardous Waste Facility Liability Endorsement or evidenced by a Certificate of Liability Insurance and meet other specifications outlined in §§264.147(a)(1), 264.147(b)(1), 265.147(a)(1), or 265.147(b)(1);
- Submit a signed duplicate original of the endorsement or the certificate of insurance to the Regional Administrator, or Regional Administrators if the facilities are located in more than one Region; and

- If requested by the Regional Administrator, submit a signed duplicate original of the insurance policy (for new facilities this must be submitted at least sixty days before receiving hazardous waste for treatment, storage, or disposal).

(3) Variance of Financial Responsibility Regulations

(i) Data item:

Section 265.147(c) provides for a variance from the financial responsibility requirements if the owner or operator can demonstrate that the required levels of financial responsibility are not consistent with the degree and duration of risk associated with treatment, storage, or disposal at the facility. The request for a variance must be submitted in writing to EPA, and may include technical and engineering information that is deemed necessary by the Regional Administrator.

(ii) Respondent Activities:

Owners and operators that wish to apply for a variance must prepare and submit information in support of the variance.

(4) Adjustments by the Regional Administrator

(i) Data items:

Sections 264.147(d) and 265.147(d) allow Regional Administrators to adjust the level of financial responsibility required under §§264.147 and 265.147 in order to protect human health and the environment. Respondents will need to furnish the following data items should Regional Administrators make such a determination:

- Any information which the Regional Administrator requests to determine whether cause exists for such adjustments of level or type of coverage; and
- If the Regional Administrator decides to adjust the level or type of coverage, the data elements necessary for a permit modification (detailed in the Part B permit application and permit modification portion of this ICR).

(ii) Respondent activities:

Owners or operators will need to engage in the following activities in order to satisfy the information collection requirements of this section:

- Submit to the Regional Administrator any requested information; and
- Prepare, write, and submit a permit modification if the Regional Administrator decides to adjust level or type of coverage (specific respondent activities for permit modifications are detailed in the permit application and permit modification portion of this ICR).

(5) Financial Test for Liability Coverage

(i) Data items:

Sections 264.147(f) and 265.147(f) allow owners or operators to satisfy liability requirements by passing a financial test. Data items for these sections include:

- A letter signed by the owner's or operator's chief financial officer and worded as specified in §264.151(g); if the financial test is also being used to demonstrate closure financial assurance, the letter specified in §264.151(g) must be submitted to cover both forms of financial responsibility;
- A copy of an independent certified public accountant's report on examination of the owner's or operator's financial statements for the latest completed fiscal year;
- A special report from the owner's or operator's independent certified public accountant to the owner or operator covering the specifications outlined in §§264.147(f)(3)(iii) and 265.147(f)(3)(iii);
- If an extension of submission of the above documents is sought, a letter from the owner's or operator's chief financial officer to the Regional Administrator of each Region in which facilities to be covered under the financial test are located. This letter, allowed only under §265.147(f)(4), must contain the following data items:
 - A request for the extension;
 - A certification that the chief financial officer believes that the owner or operator meets the criteria of the financial test;
 - For each facility to be covered by the test, the EPA identification number, name, address, and current closure cost estimates to be covered by the test;
 - A specification of the date (no later than ninety days after the end of such fiscal year) when the owner or operator will submit the documents specified in §§265.147(f)(3); and
 - A certification that the year-end financial statements of the owner or operator for such fiscal year will be audited by an independent certified public accountant;
- Annual updates of the above data items; and
- Should the owner or operator fail the test and no longer meet the requirements of §§264.147(f)(1) or 265.147(f)(1), evidence of insurance obtained for the entire amount of required liability coverage specified in §§264.147 and 265.147.

(ii) Respondent activities:

Owners or operators will need to engage in the following respondent activities in order to collect the data required by these sections:

- Write the letter signed by the chief financial officer;

- Submit the following documents to the Regional Administrator (for new facilities, these documents must be submitted at least sixty days prior to receiving hazardous waste for treatment, storage, or disposal):
 - The letter signed by the chief financial officer;
 - A copy of an independent certified public accountant's report; and
 - The special report from an independent certified public accountant;
- If applicable, write and submit a letter from the chief financial officer requesting an extension for submission of the above documents;
- Submit updated information annually; and
- Should the owner or operator fail the test and no longer meet §§264.147 or 265.147 requirements, submit evidence to the Regional Administrator of insurance obtained for the entire amount of required liability coverage specified in these sections.

(6) Guarantee for Liability Coverage

(i) Data items:

Sections 264.147(g) and 265.147(g) allow owners or operators to meet liability requirements by obtaining a written guarantee, under the conditions specified in §§264.147(g)(2) and 265.147(g)(2). Data items for this option include:

- A certified copy of a written guarantee from the direct or higher-tier parent corporation of the owner or operator, a firm whose parent corporation is the parent corporation of the owner or operator, or a firm with a "substantial business relationship" with the owner or operator; and
- In the case of corporations incorporated in the United States, a written statement from applicable Attorney(s) General or Insurance Commissioners to EPA indicating that a guarantee executed as described in the regulations is a legally valid and enforceable obligation in that State (§§264.147(g)(2) and 265.147(g)(2)).
- In the case of corporations incorporated outside the United States, identification by the non-U.S. corporation of a registered agent for service of process in each State in which the facility covered by the guarantee is located and in the State in which it has its principal place of business, and a written statement from applicable Attorney(s) General or Insurance Commissioner of each applicable State indicating that a guarantee executed as described in the regulations is a legally valid and enforceable obligation in that State (§§264.147(g)(2) and 265.147(g)(2)).
- A letter from the guarantor's chief financial officer as specified in §§264.147(f)(3) and 265.147(f)(3) that demonstrates that the guarantor has passed the financial test.

(ii) Respondent activities:

Owners or operators will need to engage in the following respondent activities in order to collect the data required by these sections:

- Obtain a written guarantee from the direct or higher-tier parent corporation of the owner or operator, a firm whose parent corporation is the parent corporation of the owner or operator, or a firm with a "substantial business relationship" with the owner or operator;
- Submit a certified copy of this written guarantee to the Regional Administrator along with the items specified in §§264.147(f)(3) and 265.147(f)(3); and
- Submit a letter from the guarantor's chief financial officer as specified in §§264.147(f)(3) and 265.147(f)(3) that demonstrates that the guarantor has passed the financial test ; and
- Submit updated information annually.

(7) Letter of Credit for Liability Coverage

(i) Data items:

Sections 264.147(h) and 265.147(h) allow owners or operators to satisfy financial requirements for liability by obtaining the following data item:

- An irrevocable standby letter of credit that conforms to applicable requirements and is submitted from a financial institution with the authority to issue letters of credit, whose letter of credit operations are regulated and examined by a Federal or State agency, and whose letters of credit meet the requirements of §264.147(h).

(ii) Respondent activities:

Owners or operators using this option to satisfy financial assurance for liability will need to engage in the following activities:

- Gather and submit relevant information to the issuing institution;
- Obtain the standby letter of credit described above; and
- Submit a copy of this letter of credit to the Regional Administrator.

(8) Surety Bond for Liability Coverage

(i) Data items:

Sections 264.147(i) and 265.147(i) allow owners or operators to satisfy financial requirements for liability. Under sections 264.147(i)(4) and 265.147(i)(4), a surety bond may be used to satisfy the requirements of this section only if the applicable Attorneys General or Insurance Commissioners have submitted a written statement to EPA that a surety bond executed as described in the regulations is a legally valid and enforceable obligation in that State. The owner or operator must obtain the following data item:

- A surety bond (and other information, where applicable) that conforms to the requirements specified in §§264.147(i) and 265.147(i).

(ii) Respondent activities:

Owners or operators using this option to satisfy financial assurance for liability will need to engage in the following activities:

- Gather and submit relevant information to the issuing institution;
- Obtain the surety bond described above; and
- Submit a copy of this surety bond to the Regional Administrator.

(9) Trust Fund for Liability Coverage

(i) Data items:

Sections 264.147(j) and 265.147(j) allow owners or operators to satisfy financial requirements for liability by establishing a trust fund which involves collection of the following data item:

- A trust agreement that conforms to the requirements specified in §§264.147(j) and 265.147(j).

(ii) Respondent activities:

Owners or operators using this option to satisfy financial assurance for liability will need to engage in the following activities:

- Gather and submit relevant information to the issuing institution;
- Establish the trust fund described above; and
- Submit an originally signed duplicate of the trust agreement to the Regional Administrator.

Incapacity of Owners or Operators, Guarantors, or Financial Institutions

(i) Data items:

Sections 264.148 and 265.148 require owners or operators to submit the following data item if applicable:

- A notification of the commencement of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), U.S. Code, naming the owner or operator as debtor (if the guarantor is named as the debtor, the collection of this data is the guarantor's responsibility).

(ii) Respondent activities:

Activities for this data collection will include:

- Submit, by certified mail, a notice to the Regional Administrator indicating the commencement of bankruptcy proceedings in which the owner or operator or guarantor is named as debtor.

Use of State-Required Mechanisms

(i) Data items:

Sections 264.149 and 265.149 allow owners or operators to use State-required financial assurance mechanisms to meet §§264.143, 264.147, 265.143, or 265.147 requirements. Data items for this option include:

- A letter from the owner or operator requesting that the State-required mechanism be considered acceptable for meeting the requirements of this subpart;
- Evidence of the establishment of a State-required mechanism, including the following information:
 - The facility's EPA identification number, name, and address; and
 - The amount of funds for closure care or liability coverage assured by the mechanism; and
- Any additional information required by the Regional Administrator in order to make the determination.

(ii) Respondent activities:

Activities for this data collection will include:

- Submit to the Regional Administrator:
 - The letter from the owner or operator;
 - Written evidence of the establishment of a State-required financial assurance mechanism; and
 - Any additional information requested by the Regional Administrator.

State Assumption of Responsibility

(i) Data items:

Sections 264.150 and 265.150 require owners or operators to notify EPA when a State assumes legal responsibility or assures availability of funds for an owner's or operator's compliance with the closure or liability requirements of this part. Data items to be collected in this case include:

- A letter from the owner or operator requesting that the State's assumption of responsibility be considered acceptable for meeting the requirements of this subpart;
- A letter from the State describing the nature of the State's assumption of responsibility, including the following information:
 - The facility's EPA identification number, name, and address; and
 - The amount of funds for closure care or liability coverage that are guaranteed by the State; and
- Any additional information which the Regional Administrator deems necessary to make the determination whether the State's assumption of responsibility is acceptable.

(ii) Respondent activities:

Activities for this data collection will include:

- Submit to the Regional Administrator:
 - The letter from the owner or operator;
 - The letter from the State describing the State's assumption of responsibility and including the information specified above; and
 - Any additional information requested by the Regional Administrator.

Conditions Applicable to All Permits

(i) Data items:

40 CFR Part 270, Subpart C specifies conditions applicable to all permitted facilities. 40 CFR 270.30(h) requires owners and operators of permitted facilities to furnish any relevant information requested by EPA to determine whether cause exists for modifying, revoking and reissuing, or terminating a permit, or to determine compliance with the permit. Section 270.30(j)(2) and (3) requires permittees to retain records of all monitoring information, copies of all reports required by the permit, the certification required by §264.73(b)(9), and records of all data used to complete the application for a period of at least three years from the date of the sample, measurement, report, certification, or application. [These requirements are burdened in the section entitled "Operating Record" of this ICR.] In addition, section 270.30(l) specifies the following reporting requirements, which are applicable to all permitted facilities:

- Prompt notice of planned physical alternations or additions (§270.30(l)(1));
- Notice of planned changes or activities which may result in noncompliance with permit requirements (§270.30(l)(2));

- Letter certifying that the facility has been constructed or modified in compliance with the permit (§270.30(l)(2)(i));
- Monitoring reports, submitted at the intervals specified in the permit (§270.30(l)(4));
- Reports of compliance or noncompliance, or any progress reports on, interim and final requirements contained in any compliance schedule of the permit, submitted no later than 14 days following each schedule date (§270.30(l)(5));
- A report containing information concerning a release that may threaten drinking water supplies (§270.30(l)(6)(i)(A)), or information concerning a release, fire, or explosion which could threaten human health or the environment outside the facility (§270.30(l)(6)(i)(B)), within 24 hours from the time the permittee becomes aware of the circumstances. Such a report must include the following information:
 - Name, address, and telephone number of the owner or operator;
 - Name, address, and telephone number of the facility;
 - Date, time, and type of incident;
 - Name and quantity of material(s) involved;
 - The extent of injuries, if any;
 - An assessment of actual or potential hazards to the environment and human health outside the facility; and
 - Estimated quantity and disposition of recovered material that resulted from the incident.
- A written notice within five days of noncompliance, or a written report within 15 days, that includes a description of the noncompliance and its cause, the period of noncompliance, the anticipated time the noncompliance is expected to continue, and steps taken to reduce, eliminate, and prevent reoccurrence of the noncompliance (§270.30(l)(6)(iii));
- Report of any manifest discrepancy, as required by §264.72 (§270.30(l)(7)). [This requirement is burdened in "Requirements for Generators, Transporters, and Waste Management Facilities Under the RCRA Hazardous Waste Manifest System", ICR #801.];
- Report of any receipt of unmanifested waste, as required by §264.76 (§270.30(l)(8)). [This requirement is burdened in "Requirements for Generators, Transporters, and Waste Management Facilities Under the RCRA Hazardous Waste Manifest System", ICR #801.];
- A biennial report covering facility activities, as required by §264.75 (§270.30(l)(9)). [This requirement is burdened in the "Hazardous Waste Report ICR", ICR #976.]
- Report of other noncompliance not submitted with monitoring reports, compliance schedule reports, and reports of releases, fires, or explosions (§270.30(l)(10)); and

- For cases where the permittee becomes aware that he or she failed to submit any relevant facts in a permit application, or submitted incorrect information in any permit application or report, corrected or new information (§270.30(l)(11)).

(ii) Respondent activities:

In order to comply with 40 CFR Part 270, Subpart C, owners and operators of permitted facilities must perform the following activities:

- Prepare and submit the required information as described above.

SPECIFIC UNIT REQUIREMENTS FOR BIFs

Exemptions from the BIF Regulations

Exemptions for Metal Recovery Furnaces

(i) Data items:

40 CFR 266.100(c) provides owners and operators of metal recovery furnaces with the opportunity to be conditionally exempt from the requirements of sections 266.102 through 266.111. The owner or operator must provide the following information to obtain this exemption:

- A one-time written notice to the Director indicating the following:
 - The owner or operator's claim of exemption under §266.100(c)(1);
 - A statement assuring that the hazardous waste is burned solely for metal recovery consistent with the provisions of §266.100(c)(2);
 - A statement that the hazardous waste contains recoverable levels of metals; and
 - Assurance that the owner or operator will comply with the sampling and analysis and recordkeeping requirements contained in §266.100(c).
- Records documenting compliance with §266.100(c) including:
 - Records of the sampling and analysis of the hazardous waste and other feedstocks;
 - Documentation of the limits on levels of toxic organic constituents and Btu values of the waste; and
 - Documentation on the levels of recoverable metals in the hazardous waste compared to the normal nonhazardous feedstocks.
- In addition to being subject to the requirements for all metal recovery furnaces, the owners or operators of a lead or nickel-chromium recovery furnace, or a metal recovery furnace that burns baghouse bags used to capture metallic dusts emitted by steel manufacturing, must provide a one-time written notice to the Director, which contains the following information:
 - Identification of each hazardous waste burned;
 - Specification of whether the owner or operator claims an exemption for each waste under §266.100(c)(1) or §266.100(c)(3); and

- Certification that hazardous waste is burned under the provisions of §266.100(c)(3) and that sampling and analysis will be conducted or other information will be obtained as necessary to ensure continued compliance with these requirements, as required by §266.100(c)(3)(D).

(ii) Respondent activities:

Respondent activities associated with §266.100(c) include:

- Read the regulations;
- Prepare and submit a one-time notice (§266.100(c)(1)(i));
- Sample and analyze the hazardous waste and other feedstocks (§266.100(c)(1)(ii));
- Maintain records until closure of the facility to document compliance (§266.100(c)(1)(iii)); and
- Prepare and submit a one-time notice for a lead or nickel-chromium recovery furnace, or a metal recovery furnace that burns baghouse bags used to capture metallic dusts emitted by steel manufacturing (§266.100(c)(3)).

Exemptions for Smelting, Melting, and Refining Furnaces

(i) Data items:

Section 266.100(f) allows owners and operators of smelting, melting, and refining furnaces (including pyrometallurgical devices) that process hazardous waste for recovery of economically significant amounts of the precious metals gold, silver, platinum, palladium, or ruthenium to be conditionally exempt from the requirements of §§266.101 through 266.111. Data items required to obtain this exemption include the following:

- A one-time written notice to the Director indicating the following:
 - The owner or operator's claim of exemption under §266.100(f);
 - A statement that the hazardous waste is burned for legitimate recovery of precious metal; and
 - Assurance that the owner or operator will comply with the sampling and analysis and recordkeeping requirements specified in §266.100(f).
- Documentation indicating that all hazardous wastes burned are burned for recovery of economically significant amounts of precious metals.

(ii) Respondent activities:

In order to comply with the requirements of §266.100(f), owners and operators must perform the following activities:

- Read the regulations;

- Prepare and submit a one-time notice (§266.100(f)(1));
- Sample and analyze the hazardous waste as necessary to document that the waste is burned for recovery of economically significant amounts of precious metals (§266.100(f)(2)); and
- Maintain records until closure of the facility to document that all hazardous wastes burned are burned for recovery of economically significant amounts of precious metal (§266.100(f)(3)).

Lead Recovery Furnace Exemptions

(i) Data items:

As required by section 266.100(h), lead recovery furnaces processing hazardous waste for the recovery of lead are subject to regulation under the Secondary Lead Smelting NESHAP. Such facilities are conditionally exempt from regulation under section 266, except for section 266.101. Facilities desiring this exemption must provide a one-time notice to EPA identifying each hazardous waste burned and specify that the lead recovery furnace claims the exemption. The notice must also demonstrate that the waste burned has a total concentration of organic compounds listed in 40 CFR Part 261, Appendix VIII of less than 500 ppm by weight, as fired and as provided in 40 CFR 266.100(d)(2)(i), or is listed in 40 CFR Part 266, Appendix XI.

(ii) Respondent activity:

- Prepare and submit a one-time notice identifying each hazardous waste burned, specifying that the receiving lead recovery furnace claims the exemption, and demonstrating that the waste complies with 40 CFR Part 266 requirements.

Small Quantity On-Site Burner Exemption

(i) Data items:

40 CFR 266.108 specifies the requirements for exemption from the regulations of this subpart for facilities that burn hazardous waste in a small quantity on-site boiler or industrial furnace. The owner or operator of facilities qualifying for the small quantity burner exemption must provide the following data items:

- A one-time signed, written notice to EPA indicating the following:
 - The combustion unit is operating as a small quantity burner of hazardous waste;
 - The owner and operator are in compliance with the requirements of this section; and
 - The maximum quantity of hazardous waste that the facility may burn per month as provided by §266.108(a)(1);
- Documentation demonstrating compliance with the hazardous waste quantity, firing rate, and heating value limits of §266.108 including:

- The quantity of hazardous waste and other fuel burned in each unit per calendar month; and
 - The heating value of the hazardous waste.
- (ii) Respondent activities:

Respondent activities associated with section 266.108 include:

- Read the regulations;
- Gather and analyze data to determine whether the boiler or industrial furnace qualifies for a small quantity burner exemption (§266.108(a)-(c));
- Prepare and submit notification of qualification for exemption (§266.108(d)); and
- Maintain records documenting hazardous waste quantity, firing rate, and heating value limits until closure of the facility (§266.108(e)).

Permit Standards

Monitoring and Inspections

- (i) Data items:

Owners and operators of permitted BIF units must operate in accordance with the operating requirements specified in the permit at all times when there is hazardous waste in the unit. Facilities with permitted BIF units are required to comply with standards that control the following emissions:

- Organic emissions and particulate matter by limiting CO emissions, and in some cases, HC emissions to specified levels (§266.104 and §266.105);
- Metals emissions by complying with specified Tier I feed rate screening limits, Tier II emission rate screening limits, Tier III site-specific risk assessments, adjusted Tier I feed rate screening limits, or an alternative implementation approach (§266.106); and
- HCl and Cl₂ gas emissions by complying with Tier I feed rate screening limits, Tier II emission rate screening limits, Tier III site-specific risk assessments, or adjusted Tier I feed rate screening limits (§266.107).

Appendix IX, section 2 includes information collection requirements covering performance specifications for continuous emissions monitoring systems (CEMS). Appendix IX, section 3 includes information collection requirements covering sampling and analytical methods. 40 CFR 266.102(e) specifies operating requirements for BIFs burning hazardous waste. Each of these sections and their associated information collection requirements are discussed below.

Appendix IX, section 2 contains procedures that are intended to be used to evaluate the acceptability of the CEMS at the time of its installation or whenever specified in the regulations or permits. Data items associated with Appendix IX, section 2 include the following:

- If the combustion unit is taken out of service during the calibration drift (CD) test period, records of the onset and duration of downtime;
- If periodic automatic or manual adjustments are made to the CEMS zero and calibration settings, a record of the CEMS response immediately after a calibration drift test and a data sheet summarizing the results;
- Records of the time (upscale response time) required to reach 95 percent of the stable value during the calibration drift test;
- Records of the responses of the CEMS at three measurement points;
- Data sheets summarizing results;
- Reports of data from all performance test methods (PTM);
- A tabular summary of the results of the calibration drift, relative accuracy (RA), response time, and calibration error test, as appropriate;
- A demonstration for an alternative RA procedure, if desired;
- A quality assurance program to evaluate and monitor CEMS performance;
- A demonstration for an alternative calibration procedure; and
- Records of HC emissions.

Appendix IX, section 3 contains procedures for sampling and analysis of metals, hexavalent chromium, HCl and Cl₂, PCDDs and PCDFs, and aldehydes and ketones. This ICR assumes that most Appendix IX, section 3 sampling and analysis will be performed during the trial burn, and has therefore been subsumed under the burden for conducting a trial burn, which is included in the Part B permit application and permit modifications portion of this ICR. However, facilities that choose to use an alternative metals implementation approach, instead of monitoring the feed rate of metals in each feedstream, will need to perform metals emissions monitoring on a daily basis. Data items for these facilities include the following:

- For metals emissions, records of the data for sampling trains; and
- For monitoring of metals, records of emissions data and a laboratory log for all calibrations.

Section 266.102(e)(8) requires the owner or operator to maintain the following data items while burning hazardous waste:

- If specified by the permit, documentation of the monitoring of feed rates and composition of hazardous waste, other fuels, and industrial furnace feedstocks, and feed rates of ash, metals, and total chloride and chlorine, if specified by the permit;

- If specified by the permit, a record of the monitoring of carbon monoxide, hydrocarbons, and oxygen on a continuous basis at a common point in the boiler or industrial furnace downstream of the combustion zone and prior to release of stack gases to the atmosphere in accordance with the operating requirements specified in §266.102(e)(2)(ii);
- Upon request of the Director, documentation of the sampling and analysis of the hazardous waste and (other fuels and industrial furnace feed stocks as appropriate), residues, and exhaust emissions;
- Record of daily visual inspections of the boiler or industrial furnace and associated equipment for leaks, spills, fugitive emissions, and signs of tampering;
- Record of weekly or monthly testing of the automatic hazardous waste feed cutoff system and associated alarms when hazardous waste is burned to verify operability; and
- If desired, a demonstration submitted to the Director that weekly inspections will unduly restrict or upset operations and that less frequent inspections will be adequate.

(ii) Respondent activities:

To comply with the requirements of Appendix IX, section 2, owners and operators must perform the following activities:

- Read the regulations;
- Test the CD, response time, CE test procedure, and RA test procedure; record data; maintain monitors (Appendix IX, section 2);
- If the combustion unit is taken out of service during the CD test period, record the onset and duration of downtime (Appendix IX, sections 2.1.5.2 and 2.2.5.2);
- If periodic automatic or manual adjustments are made to the CEMS zero and calibration settings, record the CEMS response immediately after a calibration drift test (Appendix IX, sections 2.1.6.1.1 and 2.2.6.1.1);
- Record the time (upscale response time) required to reach 95 percent of the stable value during the CD test (Appendix IX, sections 2.1.6.2.1 and 2.2.6.2.1);
- Record the responses of the CEMS at three measurement points (Appendix IX, sections 2.1.6.3.1.2 and 2.2.6.3.1.2);
- Summarize results on data sheets (Appendix IX, sections 2.1.6.1.2, 2.1.6.3.2, 2.1.6.4.5, 2.2.6.1.2, and 2.2.6.3.2);
- Prepare a report of the data from all performance test methods (Appendix IX, section 2.1.6.4.3);
- Prepare and submit a report of the results of the CD, RA, response time, and CE test, as appropriate (Appendix IX, section 2.1.8 and 2.2.8);

- Prepare and submit a request for an alternative RA procedure (Appendix IX, section 2.1.9.2);
- Develop a quality assurance program to evaluate and monitor CEMS performance (Appendix IX, sections 2.1.10 and 2.2.9);
- Prepare and submit a demonstration for an alternative calibration procedure (Appendix IX, section 2.1.10.1 and 2.2.9.1);
- Conduct a quarterly CE test (Appendix IX, section 2.1.10.3 and 2.2.9.3); and
- Conduct an annual performance specification test (Appendix IX, section 2.1.10.4 and 2.2.9.4).

To comply with the requirements of Appendix IX, section 3, owners and operators of facilities using an alternative implementation approach for metals must perform the following activities:

- Read the regulations;
- Determine metals emissions (Appendix IX, section 3.1);
- For monitoring of metals emissions, record data for sampling trains (Appendix IX, sections 3.1.5.1.5); and
- For monitoring of metals emissions, record emissions data and maintain a laboratory log for all calibrations (Appendix IX, section 3.1.6).

To comply with the requirements of section 266.102(e), owners and operators must perform the following activities:

- Read the regulations;
- Conduct monitoring and inspections of hazardous waste, other fuels and feedstock, and stack gas emissions (§266.102(e)(8)(i));
- Inspect the boiler or industrial furnace and associated equipment at least daily (§266.102(e)(8)(iii));
- Inspect the hazardous waste feed cutoff system and associated alarms at least weekly (§266.102(e)(8)(iv)); or
- Demonstrate that weekly inspections of the hazardous waste feed cutoff system will unduly restrict or upset operations and, if approved, conduct operational testing once every 30 days (§266.102(e)(8)(iv)); and
- Record monitoring and inspection data in the operating log (§266.102(e)(8)(v)).

Recordkeeping

(i) Data items:

40 CFR 266.102(e)(10) requires owners and operators to maintain the monitoring and inspection data items specified in §266.102(e) in the operating record until closure of the facility.

(ii) Respondent activities:

The owner or operator must retain all of the information and data required by section 266.102(e) in the operating record of the facility until closure of the facility (§266.102(e)(10)).

Interim Status Standards

Purpose, Scope, and Applicability

Section 266.103(a) establishes minimum national standards for owners and operators of existing boilers and industrial furnaces (i.e., BIFs that on or before August 21, 1991, are either in operation burning or processing hazardous waste, or for which construction has commenced) that burn hazardous waste during the period of interim status. Data items associated with these standards include the following:

- For industrial furnaces that feed hazardous waste for a purpose other than solely as an ingredient at any location other than the hot end where fuels are normally fired, documentation that adequate oxygen is present in combustion gases to combust organic constituents in the waste;
- Documentation showing that impermissible dilution to meet the 500 ppm limit for Part 261, appendix VIII nonmetals has not occurred;
- Documentation showing that impermissible blending to augment the waste's heating value has not occurred, unless the hazardous waste is burned solely as an ingredient, or for the purposes of compliance testing for less than 720 hours; or
- Demonstration submitted to the Director for an allowance to burn hazardous waste with a heating value of less than 5,000 Btu/lb that shows that prior to August 21, 1991:
 - The boiler or industrial furnace is operating under the interim status standards for incinerators provided by Subpart O of Part 265 or the interim status standards for thermal treatment units provided by Subpart P of Part 265;
 - The boiler or industrial furnace met the interim status eligibility requirements under §270.70 for Subpart O or Subpart P of Part 265; and
 - Hazardous waste with a heating value less than 5,000 Btu/lb was burned prior to that date; or
 - The waste was burned in a halogen acid furnace as an excluded ingredient under §261.2(e) prior to February 21, 1991.

(ii) Respondent activities:

Owners or operators will need to engage in the following activities in order to satisfy the information collection requirements of this section:

- Read the regulations;
- Determine that adequate oxygen is present in the combustion gases and retain documentation until closure of the facility (§266.103(a)(5)(i)(B));
- Analyze waste to determine the concentration (in ppm) of Part 261, appendix VIII non-metal compounds (§266.103(a)(5)(ii)(A));
- Maintain documentation until closure of the facility that impermissible dilution has not occurred (§266.103(a)(5)(ii)(A));
- Analyze waste to determine heating value (in Btu/lb) (§§266.103(a)(5)(ii)(A) and 266.103(a)(6));
- Maintain documentation until closure of the facility that impermissible blending has not occurred (§§266.103(a)(5)(ii)(B) and 266.103(a)(6));
- Prepare and submit documentation to support an allowance for burning hazardous waste that has a heating value of less than 5,000 Btu/lb (§266.103(a)(6)(iii)); and
- Prepare and maintain documentation until closure of the facility to support an allowance for burning such waste in a halogen acid furnace (§266.103(a)(6)(iv)).

Certification of Precompliance

Section 266.103(b) and Appendix IX, section 10.6 include requirements and procedures covering the preparation and submittal to the Director of a certification of precompliance. This certification establishes limits for the operating parameters at the facility. Appendix IX, section 9.4 also requires owners and operators to develop and maintain supporting documentation for the methods used to justify the air pollution control removal efficiency employed, and to provide this documentation upon request. Data items associated with the certification of precompliance include the following:

- A record of all assumptions and calculations necessary to justify the air pollution control system removal efficiency used;
- Documentation fulfilling the requirements specified in §§266.103(b)(2)(i) through 266.103(b)(2)(ix) that supports the determination that the limits established for the operating parameters are not likely to result in an exceedance of the allowable emission rates for particulate matter, metals, HCl, and Cl₂;
- Documentation that establishes the limits on the following parameters:

- Feed rate of total hazardous waste and (unless complying with the Tier I or adjusted Tier I metals feed rate screening limits under §266.106(b) or (e)) pumpable hazardous waste;
 - Feed rate of each metal in the following feed streams:
 - Total feed streams, except for industrial furnaces that comply with §266.103(b)(4), which specifies limits on the concentration of each metal in collected particulate matter in lieu of feed rate limits for total feed streams;
 - Total hazardous waste feed; and
 - Total pumpable hazardous waste feed, unless complying with §266.106(b) or (e);
 - Total feed rate of chlorine and chloride in total feed streams;
 - Total feed rate of ash in total feed streams, except that the total ash feed rate for cement kilns and light-weight aggregate kilns is not limited; and
 - Maximum production rate of the device in appropriate units when producing normal product.
- Certification that the facility will operate within the established operating limits during interim status until a revised certification of precompliance or a certification of compliance is submitted;
 - Records of continuous monitoring of feed rates and production rates under either of the following methods:
 - Instantaneous limits; or
 - Hourly rolling average limits;
 - A notice for publication in a major local newspaper of general circulation that contains the information specified in §§266.103(b)(6)(i) through 266.103(b)(6)(x);
 - Copy of the public notice sent to the appropriate units of State and local government;
 - A BIF correspondence file, which must include all correspondence between the facility and the Director, State, and local regulatory officials;
 - Evidence of submitting the notice for publication sent to the Director;
 - Record of continuous monitoring of other operating parameters;
 - Revised certification of precompliance, if the owner or operator wishes to revise at any time the information and operating conditions documented under §266.103(b)(2) and §266.103(b)(3); and
 - Certification of precompliance statement as specified in §266.103(b)(9).

(ii) Respondent activities:

To comply with the requirements of section 266.103(b) and Appendix IX, section 9.4, owners or operators must perform the following activities:

- Read the regulations;
- Prepare a record of all assumptions and calculations necessary to justify the air pollution control system removal efficiency used (Appendix IX, section 9.4);
- Submit the above record, upon request (Appendix IX, section 9.4);
- Prepare and submit the information required in the certification of precompliance (§266.103(b)(1)-(2));
- Establish limits on operating conditions and certify that the facility will operate within the limits (§266.103(b)(3));
- Measure and record feed rates and production rates (§266.103(b)(5));
- Prepare and submit a public notice (§266.103(b)(6));
- Maintain the BIF correspondence file until closure of the facility (§266.103(b)(6)(viii)(B));
- Monitor other operating parameters and maintain records until closure of the facility (§266.103(b)(7));
- Prepare and submit revised certification of precompliance, if necessary (§266.103(b)(8)); and
- Submit the certification of precompliance statement (§266.103(b)(9)).

Certification of Compliance

Under 40 CFR 266.103(c), owners and operators of boilers and industrial furnaces must conduct emissions testing to document compliance with the emissions standard of §§266.104(b) through (e), 266.105, 266.106, 266.107 and 266.103(a)(5)(i)(D). Data items required under this section include the following:

- Certification of compliance that includes the limits on the following parameters based on operations during the compliance test:
 - Feed rate of total hazardous waste and (unless complying with the Tier I or adjusted Tier I metals feed rate screening limits under §266.106(b) or (e)) pumpable hazardous waste;
 - Feed rate of each metal in the following feed streams:

- Total feed streams, except that industrial furnaces that must comply with the alternative metals implementation approach under §266.103(c)(3)(ii) must specify limits on the concentration of each metal in collected particulate matter in lieu of feed rate limits for total feed streams;
 - Total hazardous waste feed (unless complying with the Tier I or adjusted Tier I metals feed rate screening limits under §266.106(b) or (e)); and
 - Total pumpable hazardous waste feed;
- Total feed rate of chlorine and chloride in total feed streams;
 - Total feed rate of ash in total feed streams, except that the total ash feed rate for cement kilns and light-weight aggregate kilns is not limited;
 - Carbon monoxide concentration, and where required, HC concentration in stack gas. When complying with the CO controls of §266.104(b), the CO limit is 100 ppmv, and when complying with the HC controls of §266.104(c), the HC limit is 20 ppmv. When complying with the CO controls of §266.104(c), the CO limit is established based on the compliance test;
 - Maximum production rate of the device in appropriate units when producing normal product;
 - Maximum combustion chamber temperature where the temperature measurement is as close to the combustion zone as possible and is upstream of any quench water injection (unless complying with the Tier I or adjusted Tier I metals feed rate screening limits under §266.106(b) or (e));
 - Maximum flue gas temperature entering a particulate matter control device (unless complying with Tier I or adjusted Tier I metals feed rate screening limits under §266.106(b) or (e));
 - For systems using wet scrubbers, including ionizing wet scrubbers (unless complying with Tier I or adjusted Tier I metals feed rate screening limits under §266.106(b) or (e) and the total chlorine and chloride feed rate screening limits under §266.107(b)(1) or (e)):
 - Minimum liquid to gas ratio;
 - Minimum scrubber blowdown from the system or maximum suspended solids content of scrubber water;
 - Minimum pH level of the scrubber water;
 - For systems using venturi scrubbers, the minimum differential gas pressure across the venturi (unless complying with Tier I or adjusted Tier I metals feed rate screening limits under §266.106(b) or (e) and the total chlorine and chloride feed rate screening limits under §266.107(b)(1) or (e));
 - For systems using dry scrubbers (unless complying with Tier I or adjusted Tier I metals feed rate screening limits under §266.106(b) or (e) and the total chlorine and chloride feed rate screening limits under §266.107(b)(1) or (e));

- Minimum caustic feed rate; and
 - Maximum flue gas flow rate;
- For systems using wet ionizing scrubbers or electrostatic precipitators (unless complying with Tier I or adjusted Tier I metals feed rate screening limits under §266.106(b) or (e) and the total chlorine and chloride feed rate screening limits under §266.107(b)(1) or (e)):
 - Minimum electrical power in kilovolt amperes (kVA) to the precipitator plates; and
 - Maximum flue gas flow rate; and
- For systems using fabric filters (baghouses) the minimum pressure drop (unless complying with Tier I or adjusted Tier I metals feed rate screening limits under §266.106(b) or (e) and the total chlorine and chloride feed rate screening limits under §266.107(b)(1) or (e)).
- Prior notification of compliance testing that includes the information specified in §§266.103(c)(2)(i) through 266.103(c)(2)(iii) submitted to the Director at least 30 days prior to compliance testing;
- A comparison of the hazardous waste burned and other feed streams, and the design, operation, and maintenance of both the tested unit and the similar unit, if the owner or operator seeks approval on a case-by-case basis to use compliance test data from one unit in lieu of testing a similar on-site unit;
- Certification of compliance with the emissions standards of §§266.104(b),(c) and (e), 266.105, 266.106, 266.107, and 266.103(a)(5)(i)(D) that includes the information specified in §§266.103(c)(4)(i) through 266.103(c)(4)(v), or data from a similar unit in lieu of compliance test data;
- Demonstration that the owner or operator has made a good faith effort to operate a heated monitoring system but found it impracticable, if the owner or operator elects to comply with the alternative hydrocarbon provision of §266.104(f) and is requesting a time extension under §266.103(c)(7)(ii)(B);
- Notification that the facility is operating under restricted interim status, intends to resume burning hazardous waste, and will submit a complete certification of compliance by August 23, 1993, if the owner or operator does not submit a complete certification of compliance for all of the applicable emissions standards;
- Request for a case-by-case extension of time to extend any time limit provided by §266.103(c), if compliance with the time limit is not practicable for reasons beyond the control of the owner or operator;
- A notification, submitted 30 days prior to first burning hazardous waste under operating conditions that exceed those established under a current certification of compliance; and

- A revised certification of compliance that includes information specified in §§266.103(c)(8)(ii) through 266.103(c)(8)(iv), submitted at least 30 days prior to first burning hazardous waste under operating conditions that exceed those established under a current certification of compliance.

(ii) Respondent activities:

Respondent activities associated with §266.103(c) include:

- Read the regulations;
- Establish limits on operating conditions (§266.103(c)(1));
- Provide notice of compliance testing (§266.103(c)(2));
- Perform compliance testing (§266.103(c)(3));
- Provide information in support of using compliance test data from one unit in lieu of testing a similar on-site unit (§266.103(c)(3));
- Prepare and submit information required in the certification of compliance, or submit data from a similar unit in lieu of compliance test data (§266.103(c)(4));
- Prepare and submit a demonstration that the owner or operator made a good faith effort to operate a heated monitoring system (§266.103(c)(5));
- Prepare and submit a notification that the facility is operating under restricted interim status, if necessary (§266.103(c)(7)(i)(B));
- Prepare and submit a request for a case-by-case extension (§266.103(c)(7)(ii));
- Prepare and submit a notification, if operating conditions exceed those established under a current certification of compliance (§266.103(c)(8)(ii));
- Perform compliance testing for a revised certification (§266.103(c)(8)(iii)); and
- Prepare and submit a revised certification of compliance (§266.103(c)(8)(iv)).

Periodic Recertifications

(i) Data items:

Under section 266.103(d) owners or operators of boilers or industrial furnaces must submit to the Director a recertification of compliance under the provisions of section 266.103(c) within three years from submitting the previous certification or recertification. If the owner or operator seeks to recertify compliance under new operating conditions, he or she must comply with the requirements of section 266.103(c)(8).

(ii) Respondent activities:

To comply with the requirements identified in section 266.103(d), the owner or operator must engage in the following activities:

- Read the regulations;
- Conduct compliance testing (§266.103(d)); and
- Prepare and submit periodic recertification (§266.103(d)).

Automatic Hazardous Waste Feed Cutoff System

(i) Data item:

During the compliance test and upon submittal of a certification of compliance, a BIF must be operated with a functioning system that automatically cuts off the hazardous waste feed when operating conditions deviate from those established in the certification of compliance, as specified in §266.103(g). Section 266.103(g)(2) requires owners and operators to keep a record of the operating parameters during the cutoff.

(ii) Respondent activities:

Owners or operators must engage in the following activities to comply with the requirements of section 266.103(g)(2):

- Read the regulations; and
- Monitor and record the operating parameters until the parameters comply with those established in the certification of compliance (§266.103(g)(2)).

Fugitive Emissions

(i) Data items:

Section 266.103(h) allows owners or operators to prepare a demonstration to obtain an exemption from the requirement that fugitive emissions be controlled by either keeping the combustion zone totally sealed against fugitive emissions, or maintaining the combustion zone pressure lower than atmospheric pressure. Data items associated with this demonstration include:

- Demonstration that an alternate means of control provides fugitive emissions control equivalent to maintenance of combustion zone pressure lower than atmospheric pressure; and
- Documentation of supporting information for the demonstration.

(ii) Respondent activities:

Owners or operators must engage in the following activities to comply with the requirements of section 266.103(h):

- Read the regulations;
- Demonstrate that an alternate means of control provides fugitive emissions control equivalent to maintenance of combustion zone pressure lower than atmospheric pressure (§266.103(h)(3)); and
- Maintain records supporting the demonstration for an alternate means of fugitive emissions control in the operating record until closure of the facility (§266.103(h)(3)).

Monitoring and Inspections

Owners and operators of interim status BIF units must operate in accordance with the operating requirements specified in the permit at all times when there is hazardous waste in the unit. Facilities with interim status BIF units are required to comply with standards that control the following emissions:

- Organic emissions and particulate matter by limiting CO emissions, and in some cases, HC emissions to specified levels (§266.104 and §266.105);
- Metals emissions by complying with specified Tier I feed rate screening limits, Tier II emission rate screening limits, Tier III site-specific risk assessments, adjusted Tier I feed rate screening limits, or an alternative implementation approach (§266.106); and
- HCl and Cl₂ gas emissions by complying with Tier I feed rate screening limits, Tier II emission rate screening limits, Tier III site-specific risk assessments, or adjusted Tier I feed rate screening limits (§266.107).

Appendix IX, section 2 includes information collection requirements covering performance specifications for continuous emissions monitoring systems (CEMS). Appendix IX, section 3.1 includes information collection requirements covering sampling and analytical methods. 40 CFR 266.103(j) specifies operating requirements for BIFs burning hazardous waste. Each of these sections and their associated information collection requirements are discussed below.

Appendix IX, section 2 contains procedures that are intended to be used to evaluate the acceptability of the CEMS at the time of its installation or whenever specified in the regulations or permits. Data items associated with Appendix IX, section 2 include the following:

- If the combustion unit is taken out of service during the calibration drift (CD) test period, records of the onset and duration of downtime;
- If periodic automatic or manual adjustments are made to the CEMS zero and calibration settings, a record of the CEMS response immediately after a calibration drift test and a data sheet summarizing the results;
- Records of the time (upscale response time) required to reach 95 percent of the stable value during the calibration drift test;

- Records of the responses of the CEMS at three measurement points and a data sheet summarizing the results;
- Reports of data from all performance test methods (PTM);
- A data sheet of the results of PTM and CEMS data;
- A tabular summary of the results of the calibration drift, relative accuracy (RA), response time, and calibration error test, as appropriate;
- A demonstration for an alternative RA procedure, if desired;
- A quality assurance program to evaluate and monitor CEMS performance;
- A demonstration for an alternative calibration procedure; and
- Records of HC emissions.

Appendix IX, section 3 contains procedures for sampling and analysis of metals, hexavalent chromium, HCl and Cl₂, PCDDs and PCDFs, and aldehydes and ketones. This ICR assumes that most Appendix IX, section 3 sampling and analysis will be performed during the trial burn, and has therefore been subsumed under the burden for conducting a trial burn, which is included in the Part B permit application and permit modifications portion of this ICR. However, facilities that choose to use a metals implementation approach alternative to monitoring the feed rate of metals in each feedstream will need to perform metals emissions monitoring on a daily basis. Data items for these facilities include the following:

- For metals emissions, records of the data for sampling trains; and
- For monitoring of metals, records of emissions data and a laboratory log for all calibrations.

40 CFR 266.103(j) requires owners or operators of boilers and industrial furnaces to record the following data items while burning hazardous waste:

- Record of feed rates and composition of hazardous waste, other fuels, and industrial furnace feed stocks, and feed rates of ash, metals, and total chloride and chlorine to ensure conformance with the certification of precompliance or certification of compliance;
- Record of carbon monoxide, oxygen, and if applicable, hydrocarbon monitoring;
- Documentation of sampling and analysis of the hazardous waste (and other fuels and industrial furnace feed stocks as appropriate) and the stack gas emissions upon the request of the Director to verify that the operating conditions established in the certification of precompliance or certification of compliance achieve the applicable standards of §§266.104, 266.105, 266.106, and 266.107;
- Record of daily visual inspections of boiler or industrial furnace and associated equipment for leaks, spills, fugitive emissions, and signs of tampering;

- Record of weekly or monthly testing of the automatic hazardous waste feed cutoff system and associated alarms;
- If desired, a demonstration that weekly inspections of the automatic hazardous waste feed cutoff system and associated alarms will unduly restrict or upset operations and that less frequent inspections will be adequate; and
- Record of information supporting the demonstration specified in §266.103(j)(3).

(ii) Respondent activities:

To comply with the requirements of Appendix IX, section 2, owners and operators must perform the following activities:

- Read the regulations;
- Test the CD, response time, CE test procedure, and RA test procedure; record data; and maintain monitors (Appendix IX, section 2);
- If the combustion unit is taken out of service during the CD test period, record the onset and duration of downtime (Appendix IX, sections 2.1.5.2 and 2.2.5.2);
- If periodic automatic or manual adjustments are made to the CEMS zero and calibration settings, record the CEMS response immediately after a calibration drift test (Appendix IX, sections 2.1.6.1.1 and 2.2.6.1.1);
- Record the time (upscale response time) required to reach 95 percent of the stable value during the CD test (Appendix IX, sections 2.1.6.2.1 and 2.2.6.2.1);
- Record the responses of the CEMS at three measurement points (Appendix IX, sections 2.1.6.3.1.2 and 2.2.6.3.1.2);
- Summarize results on data sheets (Appendix IX, sections 2.1.6.1.2, 2.1.6.3.2, 2.1.6.4.5, 2.2.6.1.2, and 2.2.6.3.2);
- Prepare a report of the data from all performance test methods (Appendix IX, section 2.1.6.4.3);
- Prepare and submit a report of the results of the CD, RA, response time, and CE test, as appropriate (Appendix IX, section 2.1.8 and 2.2.8);
- Prepare and submit a request for an alternative RA procedure (Appendix IX, section 2.1.9.2);
- Develop a quality assurance program to evaluate and monitor CEMS performance (Appendix IX, sections 2.1.10 and 2.2.9);
- Prepare and submit a demonstration for an alternative calibration procedure (Appendix IX, section 2.1.10.1 and 2.2.9.1);

- Conduct a quarterly CE test (Appendix IX, section 2.1.10.3 and 2.2.9.3); and
- Conduct an annual performance specification test (Appendix IX, section 2.1.10.4 and 2.2.9.4).

To comply with the requirements of Appendix IX, section 3, owners and operators of facilities using an alternative implementation approach for metals must perform the following activities:

- Read the regulations;
- Determine metals emissions (Appendix IX, section 3.1);
- For monitoring of metals emissions, record data for sampling trains (Appendix IX, sections 3.1.5.1.5); and
- For monitoring of metals emissions, record emissions data and maintain a laboratory log for all calibrations (Appendix IX, section 3.1.6).

Respondents must perform the following activities to comply with section 266.103(j):

- Read the regulations;
- Conduct monitoring and inspections of hazardous waste, other fuels and feedstock, and stack gas emissions (§266.103(j)(1));
- Inspect the boiler or industrial furnace and associated equipment at least daily (§266.103(j)(2));
- Inspect the hazardous waste feed cutoff system and associated alarms at least weekly (§266.103(j)(3));
- Demonstrate that weekly inspections of the hazardous waste feed cutoff system will unduly restrict or upset operations, and, if approved, conduct operational testing once every 30 days (§266.103(j)(3)); and
- Record monitoring and inspection data in the operating log (266.103(j)(4)).

Recordkeeping

(i) Data items:

Under section 266.103(k), owners or operators must maintain in the operating record of the facility all information and data specified in section 266.103 until closure of the facility.

(ii) Respondent activities:

To comply with section 266.103(k), owners or operators must maintain all information and data required in section 266.103 in the operating record of the facility until closure.

Standards to Control Organic Emissions

(i) Data item:

Section 266.104 requires a boiler or industrial furnace burning hazardous waste to achieve a destruction and removal efficiency (DRE) of 99.99 percent for all organic hazardous constituents in the waste feed. Principal organic hazardous constituents (POHCs) are those compounds for which compliance with the DRE requirements of section 266.104 shall be demonstrated in a trial burn in conformance with the procedures prescribed in section 270.66. POHCs are most likely to be selected from among those compounds listed in 40 CFR Part 261, appendix VIII, that are also present in the normal waste feed. However, section 266.104(a)(2) allows owners or operators to submit a demonstration for an alternative POHC. The data item associated with section 266.104(a)(2) is:

- Demonstration submitted to the Regional Administrator that a compound not listed in appendix VIII or not present in the normal waste feed is a suitable indicator of compliance with the DRE requirement of section 266.104.

(ii) Respondent activities:

To comply with the requirements of section 266.104(a), owners or operators must:

- Read the regulations; and
- Prepare and submit a demonstration for an alternate POHC designation (§266.104(a)(2)).

Standards to Control Metal Emissions

(i) Data item:

Under 40 CFR 266.106(f), the Director may approve on a case-by-case basis approaches to implementing the Tier II or Tier III metals emission limits as specified in sections 266.106(c) and 266.106(d) alternative to monitoring the feed rate of metals in each feed stream. To be granted an alternative as specified in section 266.106(f), owners or operators must provide calculations for emission limits.

(ii) Respondent activities:

To comply with section 266.106(f), owners or operators must engage in the following activities:

- Read the regulations; and
- Prepare and submit information in support of an alternative implementation approach, as provided by §266.106(f).

Direct Transfer Requirements

(i) Data items:

The regulations in section 266.111 apply to owners and operators of boilers and industrial furnaces subject to sections 266.102 or 266.103 if hazardous waste is directly transferred from a transport vehicle to a boiler or industrial furnace without the use of a storage unit. Owners and operators of these facilities must comply with the regulations as specified in section 266.111(d)(2) in areas where direct transfer vehicles (containers) are located. The data items associated with this regulation include the following:

- Certification by the local Fire Marshall that the installation meets the subject NFPA codes;
- For existing direct transfer equipment that does not have secondary containment, a written assessment reviewed and certified by a qualified, registered professional engineer in accordance with §270.11(d) that attests to the equipment's integrity and includes the following:
 - Design standards, if available, according to which the direct transfer equipment was constructed;
 - Hazardous characteristics of the waste(s) that have been or will be handled;
 - Existing corrosion protection measures;
 - Documented age of the equipment, if available (otherwise, an estimate of the age); and
 - Results of a leak test or other integrity examination such that the effects of temperature variations, vapor pockets, cracks, leaks, corrosion, and erosion are accounted for; and
- Record of hourly inspections when hazardous waste is being transferred from the transport vehicle (container) to the boiler or industrial furnace that includes the inspection of the following:
 - Overfill/spill control equipment to ensure that it is in good working order;
 - The above ground portions of the direct transfer equipment to detect corrosion, erosion, or releases of waste; and
 - Data gathered from monitoring equipment and leak-detection equipment to ensure that the direct transfer equipment is being operated according to its design.

(ii) Respondent activities:

Owners and operators must be involved in the following activities to comply with section 266.111:

- Read the regulations;
- Collect data in support of a certification that the installation meets subject NFPA codes (§266.111(d)(2));
- Obtain and keep on file a written certification that the installation meets subject NFPA codes (§266.111(d)(2));

- For existing direct transfer equipment that does not have secondary containment, collect data in support of an assessment that attests to the equipment's integrity (§266.111(e)(2));
- Obtain and keep on file a written assessment that attests to the equipment's integrity (§266.111(e)(2));
- Conduct inspections of equipment and data gathered (§266.111(e)(3)(i)-(ii)); and
- Record and maintain inspection data until closure of the facility (§266.111(e)(iii)).

Regulation of Residues

Section 266.112 allows owners and operators of certain BIFs to receive an exemption from classification as a hazardous waste of residue generated during the burning of hazardous waste if the owner or operator can demonstrate that the burning of the hazardous waste does not significantly affect the character of the residue. Owners or operators comply with the requirements by demonstrating either a comparison of waste-derived residue with normal residue, or a comparison of waste-derived residue concentrations with health-based limits.

Data items associated with the demonstration of a comparison of waste-derived residue with normal residue include the following:

- Demonstration that the hazardous waste does not significantly affect the residue by demonstrating the following:
 - The waste-derived residue does not contain appendix VIII, Part 261 constituents that could reasonably be attributable to the hazardous waste at concentrations significantly higher than in residue generated without burning or processing of hazardous waste by the methods specified in §§266.112(b)(1)(i) through 266.112(b)(1)(ii); or
 - The concentrations of nonmetal toxic constituents of concern (as specified in §266.112(b)(1)) in the waste-derived residue does not exceed the health-based levels specified in appendix VIII, Part 266; and
 - Waste derived residue is sampled and analyzed as often as necessary to ensure that the residue generated during each 24-hour period does not have concentrations of toxic constituents that are higher than the health-based limits.

Data items associated with the demonstration of a comparison of waste-derived residue concentrations with health-based limits include the following:

- As required by section 266.112(b)(2)(i), in complying with the section 268.43 F039 nonwastewater levels for polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans, analysis of residues must be performed for total hexachlorodibenzo-p-dioxins, total hexachlorodibenzofurans, total pentachlorodibenzo-p-dioxins, total pentachlorodibenzofurans, total tetrachlorodibenzo-p-dioxins, and total tetrachlorodibenzofurans.

Documentation of compliance with section 266.112 that record the following:

- Levels of constituents in appendix VIII, Part 261, that are present in waste-derived residues;
- If the waste-derived residue is compared with the normal residue under §266.112(b)(1), the following must be recorded:
 - The levels of constituents in appendix VIII, Part 261 that are present in normal residues; and
 - Data and information, including analyses of samples as necessary, obtained to determine if changes in raw materials or fuels would reduce the concentration of toxic constituents of concern in the normal residue.

In addition, Appendix IX, sections 7.3 and 7.4 require owners and operators to maintain supporting rationale for alternate statistical practices used to demonstrate conformance with the exemption requirements. Data items include the following:

- For an alternate statistical approach, supporting rationale that demonstrates sound statistical practice; and
- Supporting rationale for an approach for handling nondetect data points.

(ii) Respondent activities:

Respondents must engage in the following activities to comply with section 266.112:

- Read the regulations;
- Demonstrate that the hazardous waste does not significantly affect the residue (§266.112(b));
- Analyze residues for total hexachlorodibenzo-p-dioxins, total hexachlorodibenzofurans, total pentachlorodibenzo-p-dioxins, total pentachlorodibenzofurans, total tetrachlorodibenzo-p-dioxins, and total tetrachlorodibenzofurans to meet F039 nonwastewater standards;
- For an alternate statistical approach, prepare and maintain on file a rationale that demonstrates sound statistical practice (Appendix IX, section 7.3);
- Prepare and maintain on file a supporting rationale for an approach for handling nondetect data points (Appendix IX, section 7.4); and
- Record and maintain information documenting compliance until closure of the facility (§266.112(c)).

PART B PERMIT APPLICATION AND PERMIT MODIFICATION REQUIREMENTS FOR BIFs

General Part B Information Requirements for BIFs

Legal Review

(i) Data items:

EPA believes that respondents will conduct legal reviews of their permit applications prior to submitting them to the Agency. No data items are required.

(ii) Respondent activities:

Owners and operators will conduct legal reviews of their permit applications prior to submitting them to the Agency. Such reviews may include checks for accuracy, completeness and conformance with the regulations.

General Requirements

(i) Data items:

Under 40 CFR 270.14(a), owners and operators may obtain from EPA relief from submission of information prescribed in Part B on a case-by-case basis by demonstrating that such information cannot be provided to the extent required.

(ii) Respondent activities:

Respondent activities associated with the demonstration submitted under §270.14(a) include:

- Read the regulations;
- Prepare and submit the demonstration; and
- File the demonstration at the facility.

General Facility Standards

(i) Data items:

Under 40 CFR 270.14(b) (1)-(14), owners and operators of hazardous waste management facilities must submit in their Part B permit applications information on compliance with general facility standards. Data items required under these sections include the following:

- A general description of the facility (§270.14(b)(1));
- Chemical and physical analyses of the hazardous waste to be handled at the facility. At a minimum, these analyses should contain all the information that must be known to treat, store, or dispose of the wastes properly in accordance with Part 264 (§270.14(b)(2));

- A waste analysis plan describing the procedures that will be carried out to comply with §264.13(a). The plan should contain information required under §264.13(b) (1)-(7) and, for off-site facilities, the information required under §264.13(c) (§270.14(b)(3));
- A description of the security procedures and equipment required by §264.14, or a justification demonstrating the reasons for requesting a waiver of this requirement (§270.14(b)(4)). To obtain a waiver, owners and operators must demonstrate to EPA that:
 - Physical contact with the waste, structures, or equipment within the active portion of the facility will not injure unknowing or unauthorized persons or livestock which may enter the active portion of the facility; and
 - Disturbance of the waste or equipment, by the unknowing or unauthorized entry of persons or livestock onto the active portion of a facility, will not cause a violation of the requirements of this part;
- A general inspection schedule, as required under §264.15(b), for monitoring equipment that is important in preventing, detecting, or responding to environmental or human health hazards (§270.14(b)(5)). Where applicable, the inspection schedule should include the specific requirements in §§264.174, 264.193(i), 264.195, 264.226, 264.254, 264.273, 264.303 and 264.602, and should identify the types of problems that are to be investigated during the inspection;
- If an exemption from special equipment requirements is sought under §264.32, a demonstration that none of the hazards posed by waste handled at the facility could require the use of equipment required under §§264.32(a) through (d) (§270.14(b)(6));
- If an exemption from the aisle space requirements of §264.35 is sought, a demonstration that the aisle space is not needed to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of the facility operating in an emergency (§270.14(b)(6));
- A contingency plan as required under sections 264.51, 264.52 and 264.53(a). Data elements that should be included in this plan are listed below:
 - A description of the arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services;
 - An updated list of the names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinators;
 - An updated list of all emergency equipment at the facility and the location, physical description, and capabilities of the emergency equipment. The contingency plan should also indicate where the emergency equipment will be required; and
 - An evacuation plan for facility personnel where there is a possibility that evacuation may be necessary;
- A description of procedures, structures, or equipment used at the facility for the following purposes:

- To prevent hazards in unloading operations;
 - To prevent runoff from hazardous waste handling areas to other areas of the facility or environment, or to prevent flooding;
 - To prevent contamination of water supplies;
 - To mitigate effects of equipment failure and power outages; and
 - To prevent undue exposure of personnel to hazardous waste;
- A description of precautions taken under §264.17 to prevent accidental ignition or reaction of ignitable, reactive, or incompatible wastes, including documentation demonstrating compliance with §264.17(c) (§270.14(b)(9)). The documentation may be based on references to published scientific or engineering literature, data from trial tests, waste analyses, or the results of the treatment of similar wastes by similar treatment processes and under similar operating conditions;
 - A description of traffic patterns, estimated volume, and control (§270.14(b)(10));
 - Facility location information (§270.14(b)(11)). At a minimum, the location information provided must include:
 - An identification of the political jurisdiction in which the facility is proposed to be located;
 - If the facility is proposed to be located in an area listed in appendix VI of Part 264, a demonstration of compliance with the seismic standard as defined under §264.18(a). This demonstration may be made using either published geologic data or data obtained from field investigations carried out by the applicant;
 - An identification of whether the facility is located within a 100-year floodplain. The identification must include the following information:
 - The source of data for the determination;
 - A copy of the relevant Federal Insurance Administration (FIA) flood map, if used, or the calculations and maps used where an FIA map is not available; and
 - An identification of the 100-year flood level and any other special flooding factors which must be considered in designing, constructing, operating, or maintaining the facility to withstand washout from a 100-year flood;
 - Facilities located in a 100-year floodplain may submit a demonstration for exemption from design and operating standards under §264.18(b). The demonstration must establish the following:
 - Procedures are in effect which will cause the waste to be removed safely, before flood waters can reach the facility, to a location where the wastes will not be vulnerable to flood waters; or
 - For existing surface impoundments, waste piles, land treatment units, landfills, and miscellaneous units, no adverse effects on human health or the environment will result if washout occurs;

- Owners and operators of facilities located in the 100-year floodplain that are not exempt from the design and operating standards under §264.18(b) must provide the following information:
 - Engineering analysis to indicate the various hydrodynamic and hydrostatic forces expected to result at the site as consequence of a 100-year flood; and
 - Structural or other engineering studies showing the design of operational units and flood protection devices at the facility and how these will prevent washout; or
 - If applicable, a detailed description of procedures to be followed to remove hazardous waste to safety before the facility is flooded;
- Existing facilities not in compliance with §264.18(b) must provide a plan showing how the facility will be brought into compliance, along with a schedule for compliance;
- An outline of both the introductory and continuing training programs used to prepare persons to operate or maintain the facility in a safe manner as required to demonstrate compliance with §264.16, and a brief description of how training will be designed to meet actual job tasks in accordance with the requirements in §264.16(a)(3) (§270.14(b)(12)); and
- A closure plan as required under §§264.112 and 264.197 (§270.14(b)(13)). The closure plan must include the information required under §264.112(b) (1)-(7).
 - (ii) Respondent activities:

In order to provide the data items listed above, respondents must perform the following activities:

- Read the regulations;
- Prepare a written description of the facility;
- Collect the analytical information required under §270.14(b)(2) and prepare a written report of the analyses conducted;
- Collect the data required in the waste analysis plan;
- Write the waste analysis plan;
- Prepare the description of security procedures and equipment; or
- Prepare a demonstration for a waiver of the security procedures and equipment requirements;
- Develop an inspection schedule;
- If applicable, prepare a demonstration for exemption from special equipment requirements;

- If applicable, prepare a demonstration for exemption from aisle space requirements;
- Collect the data required in the contingency plan;
- Write the contingency plan;
- Prepare the description of procedures, structures, or equipment;
- Prepare a description of precautions to prevent accidental ignition or reaction of ignitable, reactive, or incompatible wastes;
- Prepare a description of traffic patterns, estimated volume, and control;
- Compile and document the facility location information required under §270.14(b)(11);
- If the facility is proposed to be located in an area listed in Appendix VI, prepare a demonstration of compliance with the seismic standard;
- For facilities in a 100-year floodplain, prepare a demonstration for exemption from design and operating standards under §264.18(b);
- For facilities in a 100-year floodplain that are not exempt from §264.18(b), prepare an engineering analysis and engineering studies;
- For facilities not in compliance with §264.18(b), a compliance plan and schedule of compliance;
- Prepare outline of personnel training programs and description of training design;
- Write descriptions of the necessary closure activities;
- Estimate final closure;
- Write the closure schedule;
- Submit the general facility standards information; and
- File a copy of the documentation at the facility.

Financial Assurance

(1) Cost Estimates for Closure Care

(i) Data items:

Sections 270.14(b)(15) and (16) require owners and operators to submit a detailed written estimate of the cost of facility closure care in accordance with the requirements of §§264.142(a). These estimates must include the following data items:

- A written estimate containing:
 - The costs of final closure at the point in the facility's active life when the extent and manner of its operation would make closure the most expensive, as indicated by its closure plan (§264.142(a)(1)).
- Costs to the owner or operator of hiring a third party to conduct closure care at the facility (or on-site disposal costs, if owner or operator can demonstrate that on-site disposal capacity will exist at all times throughout the facility's life (§264.142(a)(2)).
 - (ii) Respondent activities:

Since cost estimates for closure care are submitted with the Part B permit application, activities associated with developing the estimates are discussed in the Part B permit application and permit modifications portion of this ICR. However, prior to submitting a permit application, interim status facilities must prepare closure cost estimates under §§265.142. Therefore, preparation of the closure cost estimates for interim status facilities are discussed in the general facility standards portion of this ICR.

Owners and operators will need to engage in the following activities in order to collect the data required by §§264.142:

- Read the regulations;
- Collect data; and
- Prepare and submit the written cost estimates.

(2) **Financial Assurance for Closure Care**

(i) Data items:

Sections 270.14(b) (15) and (16) also require owners and operators to establish, and provide evidence of, financial assurance for facility closure (§264.143) care. Because evidence of financial assurance is submitted with the Part B permit application, activities associated with obtaining financial assurance are discussed in the Part B permit application and permit modifications portion of this ICR. However, prior to submitting a Part B permit application, interim status facilities must prepare evidence of financial assurance for closure and post-closure care under §265.143. Therefore, the activities associated with preparing evidence of closure financial assurance for interim status facilities are discussed in the general facility standards portion of this ICR.¹

Several financial instruments may be used for the purpose of establishing financial assurance for closure care. These financial instruments include the following:

- Closure trust fund (§264.143(a));
- Surety bond guaranteeing payment into a closure trust fund (§264.143(b));
- Surety bond guaranteeing performance of closure care (§264.143(c));
- Closure letter of credit (§264.143(d));
- Closure insurance (§264.143(e)); and
- Financial test and corporate guarantee for closure care (§264.143(f)).

(ii) Respondent activities

In order to comply with the requirements concerning financial assurance for closure and post-closure care, respondents must perform the following activities:

- Read the regulations;
- Gather and submit relevant information to the issuing institution; and
- Obtain and submit documentation of financial assurance.

¹For new facilities, the required financial assurance information may be submitted 60 days prior to initial receipt of hazardous wastes, if initial receipt is later than submission of the Part B. For the purposes of this ICR, EPA assumes that all financial assurance information will be submitted with the Part B permit application.

(3) Use of a Financial Mechanism for Multiple Facilities

(i) Data items:

Section 264.143(h) specifies that owners and operators may use one of the above financial assurance mechanisms to meet the requirements of §264.143 for more than one facility. In such cases, the owner or operator must provide the following data items for each facility:

- EPA identification number, name, and address; and
- The amount of funds for closure care assured by the mechanism.

(ii) Respondent activities:

The information required under this section will be submitted with the information provided by the owner or operator to establish one of the financial assurance mechanisms listed above. Therefore, this ICR assumes that any respondent activities related to the requirements of this section are already covered under the previous sections.

(4) Liability Requirements

Section 270.14(b)(17) requires owners and operators of new facilities to provide documentation showing the amount of insurance meeting the specification of §264.147(a) and, if applicable, §264.147(b), that the owner or operator plans to have in effect before initial receipt of hazardous waste for treatment, storage, or disposal.

(a) Coverage for Sudden or Nonsudden Accidental Occurrences

(i) Data items:

Section 264.147(a) requires owners and operators of hazardous waste TSDFs, or a group of such facilities, to demonstrate financial responsibility for bodily injury and property damage to third parties caused by sudden accidental occurrences arising from operations at the facility or group of facilities. In order to comply with these requirements, owners and operators will need to gather the following data items:

- A liability insurance policy (§§264.147(a)(1) and 264.147(b)(1)), accompanied by a signed duplicate original of a Hazardous Waste Facility Liability Endorsement or a Certificate of Liability Insurance;
- Written evidence of passing a financial test or a written guarantee for liability coverage from the owner or operator's parent corporation (§§264.147(a)(2) and 264.147(b)(2));
- A letter of credit for liability coverage (§§264.147(a)(3) and 264.147(b)(3));
- A surety bond for liability coverage (§§264.147(a)(4) and 264.147(b)(4));
- A trust fund for liability coverage (§§264.147(a)(5) and 264.147(b)(5)); or

- A combination of insurance, financial test, guarantee, letter of credit, surety bond, and trust fund (§§264.147(a)(6) and 264.147(b)(6)).

(ii) Respondent activities:

To comply with the requirements of these sections, owners and operators will need to perform the following activities:

- Read the regulations;
- Gather and submit relevant information to the issuing institution; and
- Obtain and submit documentation of liability coverage using one of the financial instruments listed above.

(b) Request for Variance

(i) Data item:

Section 264.147(c) allows owners and operators to obtain a variance from EPA if they can demonstrate that the levels of financial responsibility required for sudden and nonsudden accidental occurrences are not consistent with the degree and duration of risk associated with treatment, storage, or disposal at the facility or group of facilities. The data item for this demonstration is:

- A request for a variance submitted as part of the permit application under §270.14(b)(17) for new facilities, or pursuant to the procedures for permit modification under §§270.41 and 124.5. This request may include technical and engineering information as deemed necessary by EPA.

(ii) Respondent activities:

Owners and operators will need to engage in the following activities in requesting a variance:

- Read the regulations; and
- Prepare and submit the request for variance, including any technical or engineering information required by EPA.

(c) Adjustments by the Regional Administrator

(i) Data items:

Section §264.147(d) allows EPA to adjust the level of financial responsibility required under §264.147 in order to protect human health and the environment. Respondents will need to furnish the following data items should EPA decide to make such a determination:

- Any information that EPA requests to determine whether cause exists for such adjustments of level or type of coverage; and

- If the Regional Administrator decides to adjust the level or type of coverage, the data elements necessary for a permit modification. The activities and estimated burden and cost associated with permit modifications are included under the section on permit modifications below.

(ii) Respondent activities:

Owners and operators will need to engage in the following activities in order to satisfy the information collection requirements of this section:

- Read the regulations; and
- Prepare and submit to EPA any requested information.

(5) Coverage by a State Financial Mechanism

(i) Data items:

Section 270.14(b)(18) requires owners and operators to provide proof of coverage by a State financial mechanism in compliance with §§264.149 or 264.150, where appropriate. Section 264.149 allows owners and operators to use State-required financial assurance mechanisms to meet §§264.143 or 264.147 requirements. Section 264.150 requires owners and operators to notify EPA when a State assumes legal responsibility or assures availability of funds for an owner or operator's compliance with the closure care or liability requirements of this part. Data items associated with these requirements include the following:

- A letter from the owner or operator requesting the following:
 - The State-required mechanism be considered acceptable for meeting the requirements of this subpart; or
 - The State's assumption of responsibility be considered acceptable for meeting the requirements of this subpart;
- Evidence of the establishment of a State-required mechanism or a letter from the State describing the nature of the State's assumption of responsibility. Each of these data items should include the following information:
 - The facility's EPA identification number, name, and address; and
 - The amount of funds for closure care or liability coverage assured by the mechanism; and
- Any additional information required by EPA in order to make the determination.

(ii) Respondent activities:

Respondent activities associated with the requirements of §264.149 include the following:

- Read the regulations;

- Submit the letter from the owner or operator;
- Submit written evidence of the establishment of a State-required financial assurance mechanism or letter from the State describing the State's assumption of responsibility and including the information specified above; and
- Submit any additional information requested by EPA.

Topographical Map

(i) Data items:

Section 270.14(b)(19) requires owners and operators to provide a topographic map showing a distance of 1000 feet around the facility. The map shall clearly show the following information:

- Map scale and date;
- 100-year floodplain area;
- Surface waters including intermittent streams;
- Surrounding land uses;
- A wind rose;
- Orientation of the map;
- Legal boundaries of the facility site;
- Access control;
- Injection and withdrawal wells both on-site and off-site;
- Buildings; treatment, storage, or disposal operations; or other structure;
- Barriers for drainage or flood control; and
- Location of operational units within the facility site, where hazardous waste is (or will be) treated, stored, or disposed (including equipment cleanup areas);

(ii) Respondent activities:

Respondents must perform the following activities in order to provide the topographic map:

- Read the regulations;
- Collect the necessary information; and
- Develop and submit the map.

Schedules of Compliance

(i) Data items:

40 CFR 270.33 requires owners and operators to specify in the permit a schedule of compliance leading to compliance with RCRA regulations, where appropriate. Data items required under this section include the following:

- A schedule of compliance (§270.33(a)). The schedule must include the following information:
 - A requirement for compliance as soon as possible;
 - Interim requirements and the dates for their achievement, if the permit establishes a schedule of compliance which exceeds 1 year from the date of permit issuance;
 - Interim dates for the submission of reports of progress toward completion of the interim requirements and a projected completion date, if the time necessary for completion of any interim requirement is more than 1 year and is not readily divisible into stages for completion; and
 - A requirement that no later than 14 days following each interim date and the final date of compliance, the permittee shall notify EPA in writing of compliance or noncompliance with the interim or final requirements;
- If the permittee decides to cease conducting regulated activities at a given time within the term of a permit which has already been issued, an application for a permit modification that contains a new or additional schedule leading to timely cessation of activities (§270.33(b)(1)). Permit modifications are discussed in the permit modification section of this ICR;
- If the decision to cease conducting regulated activities is made before issuance of a permit whose term will include the termination date, a schedule leading to termination which will ensure timely compliance with applicable requirements (§270.33(b)(2));
- If the permittee is undecided whether to cease conducting regulated activities, he or she may apply for a permit or submit an application for a permit modification to establish two schedules of compliance. The two schedules shall contain information as outlined in §270.33(b)(3) (i)-(iv). Permit modifications are discussed in the permit modification section of this ICR; and
- If the permittee decides to cease conducting regulated activities, written evidence of a firm public commitment to cease conducting regulated activities.

(ii) Respondent activities:

In order to comply with the requirements of §270.33, owners and operators must perform the following activities:

- Read the regulations;
- Develop and submit a schedule of compliance;

- Develop and submit an alternative schedule of compliance under §270.33(b)(2));
- Develop and submit an application for two schedules of compliance; and
- Document and submit evidence of firm public commitment to cease conducting regulated activities.

Specific Part B Requirements for BIFs

Fugitive Emissions

(i) Data items:

Section 266.102(e)(7) stipulates that owners and operators must control fugitive emissions by keeping the combustion zone totally sealed against fugitive emissions and maintaining the combustion zone pressure lower than atmospheric pressure. Owners and operators may apply for an alternative means of control by submitting a demonstration with the Part B application that an alternate means of control can provide equivalent emission control.

(ii) Respondent activities:

In order to comply with the requirements of §266.102(e)(7), owners and operators must perform the following activities:

- Read the regulations; and
- Prepare and submit a demonstration of equivalent fugitive emissions control (§266.102(e)(7)).

Requirements Relating to the Pre-Trial Burn, Trial Burn, and Post-Trial Burn Periods

(i) Data items:

Sections 270.22, 270.66, and Appendix IX, section 3 specify requirements for owners and operators of BIFs burning hazardous waste during the pre-trial burn, trial burn, and post-trial burn periods. The data items associated with the specific Part B information requirements enumerated in these sections include the following:

- Request for an extension of the 720-hour operational pretrial burn period;
- Statement submitted with the Part B of the permit application suggesting the conditions necessary to operate in compliance with the standards of §§266.104 through 266.107 during the pre-trial burn period;
- Statement submitted with the Part B of the permit application that identifies the conditions necessary to operate in compliance with the performance standards of §§266.104 through 266.107 during the post-trial burn period;
- Trial burn plan that includes the following information:

- An analysis of each feed stream, including hazardous waste, other fuels, and industrial furnace feed stocks, as fired, as specified in §§270.66(c)(1)(i) through 270.66(c)(1)(ii);
 - An analysis of each hazardous waste, as fired, including the information as specified in §§270.66(c)(2)(i) through 270.66(c)(2)(iii);
 - A detailed engineering description of the boiler or industrial furnace, including the information as specified in §§270.66(c)(3)(i) through 270.66(c)(3)(viii);
 - A detailed description of sampling and monitoring procedures including sampling and monitoring locations in the system, the equipment to be used, sampling and monitoring frequency, and planned analytical procedures for sample analysis;
 - A detailed test schedule for each hazardous waste for which the trial burn is planned, including the date(s), duration, quantity of hazardous waste to be burned, and other factors relevant to the Director's decision under §270.66(b)(2);
 - A detailed test protocol, including, for each hazardous waste identified, the ranges of hazardous waste feed rate, and, as appropriate, the feed rates of other fuels and industrial furnace feed stocks, and any other relevant parameters that may affect the ability of the boiler or industrial furnace to meet the performance standards in §§266.104 through 266.107;
 - A description of, and planned operating conditions for, any emission control equipment that will be used;
 - Procedures for rapidly stopping the hazardous waste feed and controlling emissions in the event of an equipment malfunction; and
 - Other information that the Director reasonably finds necessary to determine whether to approve the trial burn plan.
- Certification that the trial burn has been carried out in accordance with the approved trial burn plan;
 - Record of the results of the trial burn determinations specified in §270.66(c);
 - Record of the data collected during the trial burn, including the following information specified in Appendix IX, section 3:
 - Records of the data for sampling trains;
 - A demonstration of two or more trains for HCl and Cl₂ monitoring;
 - For PCDD and PCDF monitoring, a record of retention time windows for each homologous series; and
 - For PCDD and PCDF sample analysis, a report of the audit sample concentration and the analyst's name.
 - Certifications on behalf of the applicant by the signature of a person authorized to sign a permit application or a report under §270.11 for all submissions required under §270.66(d).
 - Record of the determinations based on the trial burn that includes the following:
 - A quantitative analysis of the levels of antimony, arsenic, barium, beryllium, cadmium, chromium, lead, mercury, thallium, silver, and chlorine/chloride, in the feed streams;

- When a DRE trial burn is required under §266.104(a), a quantitative analysis of the trial POHCs in the hazardous waste feed;
 - When a DRE trial burn is required under §266.104(a), a quantitative analysis of the stack gas for the concentration and mass emissions of the trial POHCs;
 - When a DRE trial burn is required under §266.104(a), a computation of the DRE, in accordance with the DRE formula specified in §266.104(a);
 - When a trial burn for chlorinated dioxins and furans is required under §266.104(e), a quantitative analysis of the stack gas for the concentration and mass emission rate of the 2,3,7,8-chlorinated tetra-octa congeners of chlorinated di-benzo-p-dioxins and furans, and a computation showing conformance with the emission standard;
 - When a trial burn for particulate matter, metals or HCl/Cl₂ is required under §§266.105, 266.106(c) or (d), or 266.107(b)(2) or (c), a quantitative analysis of the stack gas for the concentrations and mass emissions of particulate matter, metals, or HCl and Cl₂, and computations showing conformance with the applicable emission performance standards;
 - When a trial burn for DRE, metals, or HCl/Cl₂ is required under §§266.104(a), 266.106(c) or (d), or 266.107(b)(2) or (c), a quantitative analysis of the scrubber water, ash residues, other residues, and products for the purpose of estimating the fate of the trial POHCs, metals, and chlorine/chloride;
 - Identification of sources of fugitive emissions and their means of control;
 - A continuous measurement of carbon monoxide, oxygen, and where required, hydrocarbons, in the stack gas; and
 - Other information requested by the Director.
- A notice to the Director to establish a later date for submission of the Part B application or trial burn results, if completion of the trial burn conflicts with the date set for submission of the Part B application.

(ii) Respondent activities:

To comply with the requirements specified in sections 270.66, 270.22, and 266.104 through 266.107, owners or operators must perform the following activities:

- Read the regulations;
- Prepare and submit a request for an extension of the 720-hour operational period (§270.66(b)(1));
- Prepare and submit a statement suggesting the conditions necessary to operate in compliance with sections 266.104 through 266.107 during the pre-trial burn period (§270.66(b)(1)(i));
- Prepare and submit a statement suggesting the conditions necessary to operate in compliance with sections 266.104 through 266.107 during the post-trial burn period (§270.66(b)(3)(ii));
- Prepare and submit a trial burn plan (§§270.66(c) and 270.22(a));

- Conduct the trial burn and perform the following Appendix IX, section 3 activities (§§270.66(d), 270.22(a), 266.104 - .107, and Appendix IX, section 3):
 - Determine emissions of metals, hexavalent chromium, HCl, Cl₂, PCDDs, PCDFs, aldehydes, and ketones (Appendix IX, sections 3.1 through 3.6);
 - Record data for sampling trains (Appendix IX, sections 3.1.5.1.5, 3.2.5.1.5, 3.3.1.7.5.2, and 3.5.6.6.2);
 - Prepare and submit demonstration of two or more trains for HCl and Cl₂ monitoring (Appendix IX, section 3.3.1.7.5.10);
 - For PCDD and PCDF monitoring, record retention time windows for each homologous series (Appendix IX, section 3.4.6.1.2.2); and
 - For PCDD and PCDF sample analysis, prepare and submit a report of the audit sample concentration and the analyst's name (Appendix IX, section 3.4.8.4);
- Prepare and submit a certification that the trial burn has been carried out in accordance with the approved plan, and submit results of all determinations (§270.66(d)(3));
- Submit data collected during any trial burn (§270.66(d)(4));
- Certify all submissions (§270.66(d)(5));
- Make determinations based on the trial burn (§§270.66(f) and 266.104-.107)); and
- Prepare and submit a notice to the Director to establish a later date for submission of the Part B application or trial burn results, if completion of the trial burn conflicts with the date set for submission of the Part B application (§270.66(g)).

Waivers of the Trial Burn

(1) Waiver of the Trial Burn for Boilers Operating Under Special Operating Requirements

(i) Data items:

Section 270.22(a)(2)(i) requires owners or operators of a boiler to submit documentation that the boiler operates under the special operating requirements as specified in section 266.110 when seeking a waiver for the DRE trial burn.

(ii) Respondent activities:

To comply with section 270.22(a)(2)(i), respondents must:

- Read the regulations; and

- Prepare and submit documentation that the boiler operates under the special operating requirements provided by §266.110 (§270.22(a)(2)(i)).

(2) Waiver of the Trial Burn for Boilers and Industrial Furnaces Burning Low-Risk Waste

(i) Data items:

Under 40 CFR 270.22(a)(2)(ii), owners or operators of boilers and industrial furnaces seeking to be permitted under the provisions for low-risk waste provided by sections 266.104(a)(5) and 266.109(a) must submit the following data items:

- Documentation that the device is operated in conformance with the requirements of §266.109(a)(1);
- Results of analyses of each waste to be burned, documenting the concentrations of nonmetal compounds listed in appendix VIII of Part 261, except for those constituents that would reasonably not be expected to be in the waste;
- Documentation of hazardous waste firing rates and calculations of reasonable, worst-case emission rates of each constituent identified in §270.22(a)(2)(ii)(B) using procedures provided by §266.109(a)(2)(ii);
- Results of emissions dispersion modeling for emissions identified in §270.22(a)(2)(ii)(C) using modeling procedures prescribed by §266.106(h); and
- Documentation that the maximum annual average ground level concentration of each constituent identified in §270.22(a)(2)(ii)(B) quantified in conformance with §270.22(a)(2)(ii)(D) does not exceed the allowable ambient level established in appendix IV or V of Part 266.

(ii) Respondent activities:

Owners or operators must engage in the following activities to comply with section 270.22(a)(2)(ii):

- Read the regulations; and
- Prepare and submit information in support of a waiver of the DRE trial burn (§§266.109(a)(2) and 270.22(a)(2)(ii)).

(3) Waiver of the Trial Burn for Metals

(i) Data items:

Section 270.22(a)(3) allows owners or operators to apply for a waiver of the trial burn for metals by seeking to be permitted under the Tier I (or adjusted Tier I) metals feed rate screening limits provided by sections 266.106(b) and 266.106(e). Owners or operators need to submit the following data items to obtain this waiver:

- Documentation of the feed rate of hazardous waste, other fuels, and industrial furnace feed stocks;
- Documentation of the concentration of each metal controlled by §§266.106(b) or 266.106(e) in the hazardous waste, other fuels, and industrial furnace feed stocks, and calculations of the total feed rate of each metal;
- Documentation of how the applicant will ensure that the Tier I feed rate screening limits provided by §§266.106(b) or 266.106(e) will not be exceeded during the averaging period;
- Documentation to support the determination of the terrain-adjusted effective stack height, good engineering practice stack height, terrain type, and land use as provided by §§266.106(b)(3) through 266.106(b)(5);
- Documentation of compliance with the provisions of §266.106(b)(6) if applicable, for facilities with multiple stacks;
- Documentation that the facility does not fail the criteria provided by §266.106(b)(7) for eligibility to comply with the screening limits; and
- Proposed sampling and metals analysis plan for the hazardous waste, other fuels, and industrial furnace feed stocks.

(ii) Respondent activities:

Owners or operators must engage in the following activities to comply with the regulations in sections 270.22(a)(3) and 266.106:

- Read the regulations; and
- Prepare and submit information in support of a waiver of the trial burn for metals (§270.22(a)(3)).

(4) Waiver of the Trial Burn for Particulate Matter

(i) Data items:

Under sections 270.22(a)(4) and 266.105, owners and operators seeking to be permitted under the low risk waste exemption provisions of §266.109(b) which waives the particulate standard (and the trial burn to demonstrate conformance with the standard) must submit the following information:

- Documentation showing that the BIF unit qualifies for the waiver of the DRE trial burn under the provisions for low risk waste, as provided in §270.22(a)(2)(ii); and
- Documentation showing that the BIF unit qualifies for a waiver of the trial burn for metals, as provided in §270.22(a)(3).

(ii) Respondent activities:

To obtain a waiver from the trial burn for particulate matter, owners and operators must perform the following activities:

- Read the regulations; and
- Prepare and submit documentation in support of a waiver of the DRE trial burn for BIFs burning low risk waste.

(5) Waiver of the Trial Burn for HCl and Cl₂ Emissions

(i) Data items:

Under sections 270.22(a)(5) and 266.107, owners or operators can seek a waiver of the trial burn for HCl and Cl₂ by seeking to be permitted under the Tier I (or adjusted Tier I) feed rate screening limits for total chloride and chlorine provided by sections 266.107(b)(1) and 266.107(e). To obtain this waiver, owners or operators must submit the following data items:

- Documentation of the feed rate of hazardous waste, other fuels, and industrial furnace feed stocks;
- Documentation of the levels of total chloride and chlorine in the hazardous waste, other fuels, and industrial furnace feed stocks, and calculations of the total feed rate of total chloride and chlorine;
- Documentation of how the applicant will ensure that the Tier I (or adjusted Tier I) feed rate screening limits provided by section 266.107(b)(1)(e) will not be exceeded during the averaging period;
- Documentation to support the determination of the terrain-adjusted effective stack height, good engineering practice stack height, terrain type, and land use as provided by §266.107(b)(3);
- Documentation of compliance with the provisions of §266.107(b)(4), if applicable, for facilities with multiple stacks;
- Documentation that the facility does not fail the criteria provided by §266.107(b)(3) for eligibility to comply with the screening limits; and
- Proposed sampling and analysis plan for total chloride and chlorine fuels, the hazardous waste, other fuels, and industrial furnace feed stocks.

(ii) Respondent activities:

Respondents must engage in the following activities to comply with sections 270.22(a)(5) and 266.107:

- Read the regulations; and

- Prepare and submit information in support of a waiver of the trial burn for HCl and Cl (§270.22(a)(5)).

(6) Data in Lieu of a Trial Burn

(i) Data items:

Section 270.66(a)(6) provides owners or operators with the opportunity to seek an exemption from the trial burn requirements to demonstrate conformance with sections 266.104 through 266.107, and 270.66. To seek the exemption, owners or operators can provide the information required by section 270.66 from previous compliance testing of the device in conformance with section 266.103, or from compliance testing or trial or operational burns of similar boilers or industrial furnaces burning similar hazardous waste under similar conditions. If data from a similar device is used to support the trial burn waiver, the design and operating information required by section 270.66 must be provided for both the similar device and the device to which the data is to be applied, and a comparison of the design and operating information must be provided. The specific data items that must be submitted to fulfill these requirements include the following:

- A description and analysis of the hazardous waste to be burned compared with the hazardous waste for which data from compliance testing, or operational or trial burns are provided to support the contention that a trial burn is not needed;
- The design and operating conditions of the boiler or industrial furnace to be used, compared with that for which comparative burn data are available;
- Supplemental information the Director finds necessary to achieve the purposes of §270.22(a)(6); and
- For a waiver of the DRE trial burn, the basis for selection of POHCs used in the other trial or operational burns which demonstrate compliance with the DRE performance standard in §266.104(a), including:
 - Specification of the constituents in appendix VIII, Part 261, that the applicant has identified in the hazardous waste for which a permit is sought; and
 - Documentation of differences from the POHCs in the hazardous waste for which burn data are provided.

(ii) Respondent activities:

To comply with sections 270.22(a)(6), 270.66, and 266.103(c)(3), respondents must perform the following activities:

- Read the regulations;
- Provide information in support of using compliance test data from one unit in lieu of testing a similar on-site unit (§§270.22(a)(6), 270.66, and 266.103(c)(3)); and
- Submit data from a similar unit operating under similar conditions (§270.22(a)(6)).

Alternative HC Limit for Industrial Furnaces With Organic Matter in Raw Materials

(i) Data items:

Section 270.22(b) allows owners or operators of industrial furnaces to request an alternative HC limit under section 266.104(f). Data items associated with this request include the following:

- Documentation that the furnace is designed and operated to minimize HC emissions from fuels and raw materials;
- Documentation of the proposed baseline flue gas HC (and CO) concentration, including data on HC (and CO) levels during tests when the facility produced normal products under normal operating conditions from normal raw materials while burning normal fuels and when not burning hazardous waste;
- Test burn protocol to confirm the baseline HC (and CO) level;
- A trial burn plan that includes the following:
 - Demonstration that the flue gas HC (and CO) concentrations when burning hazardous waste do not exceed the baseline HC (and CO) level; and
 - Identification of the types and concentrations of organic compounds listed in appendix VIII, Part 261, that are emitted when burning hazardous waste in conformance with procedures prescribed by the Director;
- Implementation plan to monitor over time changes in the operation of the facility that could reduce the baseline HC level and procedures to periodically confirm the baseline HC level; and
- Additional information the Director finds necessary to achieve the purposes of §270.22(b).

(ii) Respondent activities:

Respondents must engage in the following activities to comply with sections 270.22(b) and 266.104(f):

- Read the regulations; and
- Prepare and submit information in support of an alternative HC limit, as provided in §§266.104(f) and 270.22(b).

Alternative Metals Implementation Approach

(i) Data items:

Section 270.22(c) provides owners and operators the opportunity to be permitted under an alternative metals implementation approach under section 266.106(f). When seeking to be permitted under an alternative metals implementation approach under these sections, owners or operators must submit the following information:

- Documentation specifying how the approach ensures compliance with the metals emissions standards of §§266.106(c) or 266.106(d);
- Documentation specifying how an alternative approach can be effectively implemented and monitored; and
- Additional information that the Director finds necessary to achieve the purposes of §270.22(c).

(ii) Respondent activities:

To comply with the requirements in sections 270.22(c) and 266.106(f), owners or operators must perform the following activities:

- Read the regulations; and
- Prepare and submit information in support of an alternative implementation approach, as provided by §§270.22(c) and 266.106(f).

Automatic Hazardous Waste Feed Cutoff System

(i) Data item:

Section 270.22(d) requires owners and operators to submit information describing the automatic hazardous waste feed cutoff system, including any pre-alarm systems that may be used.

(ii) Respondent activities:

To comply with section 270.22(d), respondents must engage in the following activities:

- Read the regulations; and
- Prepare and submit information describing the automatic waste feed cutoff system (§270.22(d)).

Direct Transfer Requirements

(i) Data items:

Under section 270.22(e) owners and operators that use direct transfer operations to feed hazardous waste from transport vehicles directly to the boiler or industrial furnace must submit information supporting conformance with the standards for direct transfer provided by section 266.111. Data items associated with these requirements include the following:

- Certification by the local Fire Marshall that the installation meets the subject NFPA codes;
- A written assessment reviewed and certified by a qualified, registered professional engineer in accordance with §270.11(d) that attests to the equipment's integrity and includes the following:

- Design standards, if available, according to which the direct transfer equipment was constructed;
 - Hazardous characteristics of the waste(s) that have been or will be handled;
 - Existing corrosion protection measures;
 - Documented age of the equipment, if available, (otherwise, an estimate of the age); and
 - Results of a leak test or other integrity examination such that the effects of temperature variations, vapor pockets, cracks, leaks, corrosion, and erosion are accounted for; and
- Record of hourly inspections when hazardous waste is being transferred from the transport vehicle (container) to the boiler or industrial furnace that includes the inspection of the following:
 - Overfill/spill control equipment to ensure that it is in good working order;
 - The above ground portions of the direct transfer equipment to detect corrosion, erosion, or releases of waste; and
 - Data gathered from monitoring equipment and leak-detection equipment to ensure that the direct transfer equipment is being operated according to its design.

(ii) Respondent activities:

Owners and operators must complete the following activities to comply with sections 270.22(e) and 266.111:

- Read the regulations;
- Collect data in support of a certification that the installation meets subject NFPA codes (§266.111(d)(2));
- Obtain and keep on file a written certification that the installation meets subject NFPA codes (§266.111(d)(2));
- Collect data in support of an assessment that attests to the equipment's integrity (§266.111(e)(2));
- Obtain and keep on file a written assessment that attests to the equipment's integrity (§266.111(e)(2));
- Conduct inspections of equipment and data gathered (§266.111(e)(3)(i)-(ii)); and
- Record and maintain inspection data until closure of the facility (§266.111(e)(3)(iii)).

Regulation of Residues

(i) Data items:

Section 270.22(f) allows owners and operators of certain BIFs to receive an exemption from classification as a hazardous waste of residue generated during the burning of hazardous waste if the owner

or operator can demonstrate that the burning of the hazardous waste does not significantly affect the character of the residue. Data items associated with this demonstration include the following:

- Demonstration that the hazardous waste does not significantly affect the residue by demonstrating the following:
 - The waste-derived residue does not contain appendix VIII, Part 261 constituents that could reasonably be attributable to the hazardous waste at concentrations significantly higher than in residue generated without burning or processing of hazardous waste by the methods specified in §§266.112(b)(1)(i) through 266.112(b)(1)(ii); or
 - The concentrations of nonmetal toxic constituents of concern (as specified in §266.112(b)(1)) in the waste-derived residue does not exceed the health-based levels specified in appendix VIII, Part 266; and
 - Waste derived residue is sampled and analyzed as often as necessary to ensure that the residue generated during each 24-hour period does not have concentrations of toxic constituents that are higher than the health-based limits.
- Documentation of compliance with section 266.112 that record the following:
 - Levels of constituents in appendix VIII, Part 261, that are present in waste-derived residues;
 - If the waste-derived residue is compared with the normal residue under §266.112(b)(1), the following must be recorded:
 - The levels of constituents in appendix VIII, Part 261 that are present in normal residues; and
 - Data and information, including analyses of samples as necessary, obtained to determine if changes in raw materials or fuels would reduce the concentration of toxic constituents of concern in the normal residue.

In addition, Appendix IX, sections 7.3 and 7.4 require owners and operators to maintain supporting rationale for alternate statistical practices used to demonstrate conformance with the exemption requirements. Data items include the following:

- For an alternate statistical approach, supporting rationale that demonstrates sound statistical practice; and
 - Supporting rationale for an approach for handling nondetect data points.
- (ii) Respondent activities:

Respondents must complete the following activities to comply with sections 270.22(f) and 266.112:

- Read the regulations;
- For an alternate statistical approach, prepare and maintain on file a rationale that demonstrates sound statistical practice (Appendix IX, section 7.3); and

- Prepare and maintain on file a supporting rationale for an approach for handling nondetect data points (Appendix IX, section 7.4).

Permit Modifications for BIFs

Transfer of Permits

(i) Data items:

40 CFR 270.40(b) explains that changes in the ownership or operational control of a facility may be made as a Class 1 modification with prior written approval of EPA. The requirements associated with applying for a Class 1 modification are discussed in this ICR under §270.42(a). In addition to the Class 1 modification requirements, owners and operators must also submit the following information in order to transfer ownership or operational control of a facility:

- A written agreement containing a specific date for transfer of permit responsibility between the current and new permittees; and
- A demonstration that the new owner or operator is complying with the requirements of Subpart H (financial requirements), within 6 months of the date of the change of ownership or operational control of the facility. The requirements associated with this demonstration are discussed in this ICR under §§270.14(b) (15) and (16).

(ii) Respondent activities:

In complying with the requirements of this section, owners and operators must perform the following activities:

- Read the regulations; and
- Prepare and submit the written agreement.

Permit Modification at the Request of the Agency

(i) Data items:

EPA has the authority under §270.41 to modify any permit when certain causes for modification exist, including substantial alterations to the facility, new information not available at the time of permitting, new statutory requirements or regulations, and events over which the permittee has little or no control and for which there is no reasonable remedy. Facilities required to submit a Agency-initiated permit modification will submit a Class 2 or Class 3 permit modification as described under §270.42.

(ii) Respondent activities:

In complying with the requirements for Agency-initiated permit modifications, respondents must perform the following activities:

- Read the regulations;

- Prepare and submit the modification request;
- Prepare and submit proof of public notice; and
- File a record of the permit modification request at the facility.

Permit Modification at the Request of the Permittee

(1) Class 1 Modifications

(i) Data items:

In making an application for a Class 1 permit modification under §270.42(a), owners and operators must provide the following information:

- A notification to EPA concerning the permit modification within 7 calendar days after the change is put into effect (§270.42(a)(i)). The notice should specify the changes being made to the permit conditions or supporting documents referenced by the permit and must explain why these changes are necessary;
- Applicable information required by §§270.13 through 270.21, 270.62, and 270.63 (§270.42(a)(i)); and
- A written notification of the modification to all persons on the facility mailing list and the appropriate units of State and local governments (§270.42(a)(ii)). This notification must be made within 90 calendar days after the change is put into effect. For the Class 1 modifications that require prior EPA approval, the notification must be made within 90 calendar days after EPA approves the request.

(ii) Respondent activities:

In complying with the requirements for Class 1 permit modifications, owners and operators must perform the following activities:

- Read the regulations;
- Prepare and submit the notification required under §270.42(a)(i);
- Prepare and submit the applicable information required by §§270.13 through 270.21, 270.62, and 270.63;
- Prepare and submit written notification to all persons on the mailing list and the appropriate units of State and local governments; and
- File a record of the permit modification request and supporting documents at the facility.

(2) Class 2 and 3 Modifications

(i) Data items:

In making an application for a Class 2 or 3 permit modification under §270.42(b) or §270.42(c), respectively, owners and operators must provide the following information:

- A modification request, submitted to EPA, that:
 - Describes the exact change to be made to the permit conditions and supporting documents referenced by the permit;
 - Identifies that the modification is a Class 2 modification;
 - Explains why the modification is needed; and
 - Provides the applicable information required by §§270.13 through 270.21, 270.62, and 270.63;
- A written notification of the modification request to all persons on the facility mailing list and the appropriate units of State and local governments, and publication of the notice in a major local newspaper of general circulation. The notice must be mailed and published within 7 days before or after the date of submission of the modification request, and must contain the information listed in §270.42(b)(2) (i)-(vi) or §270.42(c)(2) (i)-(vi). In addition, the permittee must provide to EPA evidence of the mailing and publication; and
- A record of the permit modification request and supporting documents, placed in a location accessible to the public in the vicinity of the permitted facility.

(ii) Respondent activities:

In complying with the requirements for Class 2 or 3 permit modifications, owners and operators must perform the following activities:

- Read the regulations;
- Prepare and submit the modification request;
- Prepare and distribute a written notification of the modification request;
- Provide for newspaper publication of the notice;
- Prepare and submit to EPA proof of public notice; and
- File a record of the permit modification request and supporting documents.

(3) Request for Classification of a Permit Modification

(i) Data item:

For modifications that are not explicitly listed in appendix I of section 270.42(d)(1), the permittee may submit a Class 3 modification request, or he or she may request that the Director review the modification and classify it as a Class 1 or Class 2 modification. For such a request, the permittee must provide the Agency with the necessary information to support the requested classification.

(ii) Respondent activities:

To request a classification for a permit modification, the permittee must perform the following activities:

- Read the regulations; and
- Prepare and submit information to support the requested classification.

Temporary Authorizations

(i) Data items:

In making an application for temporary authorization under 40 CFR 270.42(e), owners and operators must supply the following information:

- A temporary authorization request containing the following information listed under §270.42(e)(2)(ii)(A)-(C):
 - A description of the activities to be conducted under the temporary authorization;
 - An explanation of why the temporary authorization is necessary; and
 - Sufficient information to ensure compliance with 40 CFR Part 264 standards; and
- A written notification of the temporary authorization request to all persons on the facility mailing list and to the appropriate units of State and local governments (§270.42(e)(2)(iii)). This notification must be made within 7 days of submission of the authorization request.

(ii) Respondent activities:

In complying with the requirements for temporary authorization, owners and operators must perform the following activities:

- Read the regulations;
- Prepare and submit a temporary authorization request; and
- Prepare and distribute notification of the temporary authorization request to all persons on the facility mailing list and to the appropriate units of State and local governments.

5. THE INFORMATION COLLECTED -- AGENCY ACTIVITIES, COLLECTION METHODOLOGY, AND INFORMATION MANAGEMENT

5(a) AGENCY ACTIVITIES

COMPARABLE/SYNGAS FUEL SPECIFICATION

The Agency must review submissions of a notice claiming the comparable/syngas fuel exclusion.

GENERAL FACILITY STANDARDS APPLICABLE TO BIFs

General Facility Operating Requirements

The requirements for the foreign shipment import report state that owners or operators must notify the Regional Administrator of the anticipated collection of hazardous waste. In turn, the Agency must review the information included in the notification. EPA also performs on-site review of facility inspection records.

Recordkeeping Requirements

Only one Agency activity is associated with the operating record requirements: on-site review of the record.

Contingency Plan and Emergency Procedures

Contingency Plan

One Agency activity is associated with the development and amendment of the contingency plan: reviewing the contingency plan during on-site inspections.

Emergency Reporting Requirements

Agency activities associated with emergency reporting requirements include reviewing documents in the owners' or operators' and emergency coordinators' emergency reports.

Closure Requirements

Agency activities associated with the regulations promulgated in 40 CFR, Parts 264 and 265, Subpart G, include reviewing the following data items:

- Closure plans;
- Closure plan amendment notifications;
- Partial/final closure notifications;
- Demonstrations for closure extensions and allowances; and
- Closure certifications.

Financial Requirements

EPA uses the cost estimates and financial assurance mechanisms to ensure compliance with Subpart H. In the event that an owner or operator is unable or unwilling to perform closure activities or to pay third-party damages, EPA will draw upon the mechanisms. The cost estimates are normally retained by the owner or operator during interim status; they are submitted to the Region or authorized State as part of the permit process.

The financial assurance instruments for closure care and liability coverage, with standard wording, are submitted by the owner or operator (or the third-party financial entity) to the Region or authorized State that serves the area where the facility is located. These submissions must be made by the effective date of the regulations for existing facilities -- July 6, 1982 (Assurance) and July 15, 1982 (Liability) -- and sixty days before the initial receipt of hazardous wastes at new facilities. There was a phase-in period for nonsudden coverage for existing facilities. January 16, 1985 was the final phase-in date.

When financial assurance information is submitted, EPA conducts a review for completeness, then enters the information into the RCRAInfo database. The EPA Regional or State offices establish a file for each applicant that contains the submissions. The financial instruments are maintained in a secure area.

Submissions are tabulated in the EPA Regional Offices and Headquarters and are used by Agency management to oversee implementation of the RCRA financial responsibility requirements. The information is also shared with States to assist them in implementing their hazardous waste management programs. There are no plans to publish information obtained under the Subpart H financial requirements.

Conditions Applicable to All Permits

EPA reviews all information submitted at intervals specified in the permit. This information includes monitoring reports and reports on compliance or noncompliance with compliance schedules. EPA also reviews information that may be submitted on occasion by facilities, if necessary. Such information includes notices of planned physical alterations or additions; notices of planned changes or activities; letters certifying compliance; information concerning releases, fires, or explosions; reports of other noncompliance; and corrected or new information.

SPECIFIC UNIT REQUIREMENTS FOR BIFs

Exemptions from the BIF Regulations

Exemptions for Metal Recovery Furnaces

Agency activities associated with demonstrations for exemptions from the boiler and industrial furnace regulations for metal recovery furnaces include reviewing and evaluating both the one-time notice submitted under section 266.100(c)(1)(i) and the one-time notice required by section 266.100(c)(3) submitted for a lead or nickel-chromium recovery furnace, or a metal recovery furnace that burns baghouse bags used to capture metallic dusts emitted by steel manufacturing. In addition, the Agency must enter this information into a database.

Exemptions For Lead Recovery Furnaces

Agency activities associated with demonstrations from the boiler and industrial furnace regulations for lead recovery furnaces include reviewing the one-time notice required by section 266.100(h). In addition, the Agency must enter this information into a database.

Exemptions For Smelting, Melting, and Refining Furnaces

Agency activities associated with demonstrations for exemptions from the boiler and industrial furnace regulations for smelting, melting, and refining furnaces include reviewing and evaluating the one-time notice submitted under section 266.100(f) and entering this information into a database.

Small Quantity On-Site Burner Exemption

Agency activities associated with demonstrations for exemptions from the boiler and industrial furnace regulations for small quantity on-site burners include reviewing and evaluating the notification of qualification for the exemption provided by section 266.108(d), and entering the information into a database.

Permit Standards

Monitoring and Inspections

Agency activities associated with monitoring and inspections requirements for permitted burners, as specified in section 266.102(e)(8) and Appendix IX, sections 2 and 3, include reviewing data and results of tests and methods, reviewing requests for an alternative relative accuracy procedure, and evaluating the demonstration that weekly inspections of the hazardous waste feed cutoff system will unduly restrict or upset operations. In addition, EPA must enter this information into a database. While other information collected as part of monitoring and inspections is not submitted to EPA, EPA may review such records during facility inspections.

Interim Status Standards

Purpose, Scope, and Applicability

Agency activities associated with the requirements specified in section 266.103(a) for interim status burners include reviewing and evaluating the documentation supporting an allowance for burning hazardous waste that has a heating value of less than 5,000 Btu/lb. In addition, the Agency must enter this information into a database.

Certification of Precompliance

Agency activities associated with the requirements for a certification of precompliance for interim status burners, as specified in section 266.103(b) and Appendix IX, section 9.4, include reviewing a record of all assumptions and calculations necessary to justify the air pollution control system removal efficiency used, and reviewing and evaluating the information associated with the certification of precompliance. The Agency must also review and evaluate the limits and certification on operating conditions, the evidence of submittal of the public notice, the revised certification of precompliance, and the certification of precompliance statement. In addition, the Agency must enter this information into a database.

Certification of Compliance

Agency activities associated with the requirements for a certification of compliance as specified in section 266.103(c) include reviewing and evaluating the limits on operating conditions, the notice of compliance testing, the information required in the certification of compliance, and the notification that the

facility is operating under restricted interim status. The Agency must also review and evaluate information supporting the use of compliance test data from a similar unit in lieu of performing compliance testing, demonstrations that the owner or operator made a good faith effort to operate a heated monitoring system, requests for a case-by-case extension, and revised certifications of compliance. In addition, the Agency must enter this information into a database.

Periodic Recertifications

Agency activities associated with the periodic recertification for interim status burners as specified in section 266.103(d) include reviewing and evaluating the periodic recertification and entering this information into a database.

Fugitive Emissions

Agency activities associated with the fugitive emissions requirements for interim status burners as specified in section 266.103(h) include reviewing and evaluating demonstrations for an alternate means of fugitive emissions control and entering this information into a database.

Monitoring and Inspections

Agency activities associated with the monitoring and inspection requirements for interim status burners, as specified in section 266.103(j) and Appendix IX, sections 2 and 3, include reviewing data and results of tests and methods, reviewing requests for an alternative relative accuracy procedure, and reviewing and evaluating demonstrations that weekly inspections of the hazardous waste feed cutoff system will unduly restrict or upset operations. In addition, this information must be entered into a database. While other information collected as part of monitoring and inspections is not submitted to EPA, EPA may review such records during facility inspections.

Standards to Control Organic Emissions

Agency activities associated with the standards to control organic emissions as specified in section 266.104 include reviewing and evaluating demonstrations for an alternate POHC designation and entering this information into a database.

Standards to Control Metal Emissions

Agency activities associated with the standards to control metal emissions include reviewing and evaluating information submitted in support of an alternative implementation approach, as provided by section 266.106(f). In addition, the Agency must enter this information into a database.

Direct Transfer Requirements

Owners and operator of BIFs are not required to submit any information to EPA relating to their direct transfer operations. EPA may review information on a facility's direct transfer system during facility inspections.

Regulation of Residues

Agency activities associated with the regulation of residues as specified in section 266.112 include reviewing, evaluating, and entering into a database, demonstrations that hazardous waste does not significantly affect the residue.

PART B PERMIT APPLICATION AND PERMIT MODIFICATION REQUIREMENTS FOR BIFs

General Part B Information Requirements for BIFs

General Requirements

Agency activities associated with demonstrations by owners and operators to obtain allowance from Regional Administrators to submit information prescribed in Part B on a case-by-case basis include reviewing and approving demonstration and entering the information into a database.

General Facility Standards

Agency activities associated with the requirement that owners and operators of hazardous waste management facilities submit in their Part B permit applications information on compliance with general facility standards include reviewing the required information and entering it into a database.

Financial Assurance

(1) Cost Estimates for Closure Care

Agency activities associated with cost estimates for closure care include reviewing written cost estimates and entering the information into a database.

(2) Financial Assurance for Closure Care

Agency activities associated with the requirements for financial assurance for closure care include reviewing the documentation of financial assurance submitted by the respondent and entering the information into a database.

(3) Use of a Financial Mechanism for Multiple Facilities

The information required under this section will be submitted with the information provided by the owner or operator to establish financial assurance mechanisms. Therefore, this ICR assumes that any Agency activities related to the requirements of this section are already covered under the previous sections.

(4) Liability Requirements

(a) Coverage for Sudden or Nonsudden Accidental Occurrences

Agency activities associated with the establishment of liability coverage for sudden or nonsudden accidental occurrences include reviewing the information submitted and entering information into a database.

(b) Request for Variance

Agency activities associated with allowing owners and operators to obtain a variance from EPA include reviewing requests for variance, including any technical or engineering information required by EPA.

(c) Adjustments by the Regional Administrator

Agency activities associated with allowing the Agency to adjust the level of financial responsibility required under section 264.147 to protect human health and the environment include reviewing any information requested by the Agency and, if the Agency decides to adjust the level or type of coverage, permit modifications. The Agency burden associated with permit modifications is discussed below under the section entitled "Permit Modifications."

(5) Coverage by a State Financial Mechanism

Agency activities associated with establishing coverage by State financial mechanisms include reviewing letters from owners and operators, written evidence of the establishment of State-required financial assurance mechanisms, or letters from the State describing the State's assumption of responsibility and including the information specified above, and any additional information requested by EPA.

Topographical Map

Agency activities associated with the requirement that owners and operators must provide a topographical map include reviewing the topographical map and entering the information into a database.

Schedules of Compliance

Agency activities associated with the requirement that owners and operators specify in permits a schedule of compliance leading to compliance with the Act and regulations, where appropriate, include reviewing the following information: schedules of compliance, alternative schedules of compliance under section 270.33(b)(2), applications for two schedules of compliance, and evidence of firm public commitment to cease conducting regulated activities. The Agency will also enter the information into a database.

Specific Part B Information Requirements for BIFs

Fugitive Emissions

Agency activities associated with fugitive emissions demonstrations include reviewing and evaluating information supporting a demonstration for an alternate means of fugitive emissions control and entering this information into a database.

Part B Information Requirements for the Pre-Trial Burn, Trial Burn, and Post-Trial Burn Periods

Agency activities associated with the specific Part B information requirements for boilers and industrial furnaces burning hazardous waste requests for an extension of the 720-hour operational period, and statements suggesting the conditions necessary to operate in compliance with sections 266.104 through

266.107 during the pre-trial and post-trial burn periods. In addition, the Agency must review and evaluate trial burn plans, the data collected during trial burns, the certifications of submissions, and the determinations based on the trial burn. The Agency must also review and evaluate certifications that the trial burn has been carried out in accordance with the approved plan and submit the results of its determinations. The Agency must enter all of this information into a database.

Waivers of the Trial Burn

(1) Waiver of the Trial Burn for Boilers Operating Under Special Operating Requirements

Agency activities associated with the waiver of the trial burn for boilers operating under special operating requirements include reviewing and evaluating the documentation that the boiler operates under the special operating requirements provided by section 266.110 and entering this information into a database.

(2) Waiver of the Trial Burn For Boilers and Industrial Furnaces Burning Low-Risk Waste

Agency activities associated with the waiver of the trial burn for boilers and industrial furnaces burning low-risk waste as specified in sections 266.109(a)(2) and 270.22(a)(2)(ii) include reviewing and evaluating information in support of a waiver of the DRE trial burn and entering this information into a database.

(3) Waiver of the Trial Burn for Metals

Agency activities associated with the waiver of the trial burn for metals as specified in sections 270.22(a)(3) and 266.106 include reviewing and evaluating the information supporting the waiver and entering this information into a database.

(4) Waiver of the Trial Burn for Particulate Matter

Agency activities associated with the waiver of the trial burn for particulate matter as specified in sections 270.22(a)(4) and 266.105 include reviewing and evaluating the information supporting the waiver and entering the information into a database.

(5) Waiver of the Trial Burn for HCl and Cl Emissions

Agency activities associated with the waiver of the trial burn for HCl and Cl emissions as specified in sections 270.22(a)(5) and 266.107 include reviewing and evaluating the information supporting the waiver and entering this information into a database.

(6) Data in Lieu of a Trial Burn

Agency activities associated with the submission of data in lieu of a trial burn as specified in sections 270.22(a)(6), 270.66, and 266.103(c)(3) include reviewing and evaluating information supporting the use of compliance test data, or trial burn data from a similar unit, in lieu of conducting a trial burn, and entering this information into a database. In addition, the Agency must review, evaluate, and enter into a database the data from the similar unit that is operating under similar conditions.

Alternative HC Limit for Industrial Furnaces With Organic Matter in Raw Materials

Agency activities associated with the alternative HC limit for industrial furnaces with organic matter in raw materials include reviewing and evaluating information supporting an alternative HC limit, as provided in sections 270.22(b) and 266.104(f), and entering this information into a database.

Alternative Metals Implementation Approach

Agency activities associated with the alternative metals implementation approach include reviewing and evaluating information supporting the approach as provided by sections 270.22(c) and 266.106(f) and entering this information into a database.

Automatic Hazardous Waste Feed Cutoff System

Agency activities associated with the automatic hazardous waste feed cutoff system as specified in sections 270.22(d) include reviewing and evaluating the information describing the system and entering this information into a database.

Direct Transfer Requirements

Owners and operator of BIFs are not required to submit any information to EPA relating to their direct transfer operations. EPA may review information on a facility's direct transfer system during facility inspections.

Regulation of Residues

Owners and operator of BIFs are not required to submit any information in their Part B Permit Applications relating to their claim of exemption for their residues from classification as hazardous waste. EPA may review this information, however, during facility inspections.

Permit Modifications for BIFs

Transfer of Permits

Agency activities associated with the transfer of permits include reviewing written agreements and entering the information into a database.

Permit Modification at the Request of the Agency

Agency activities associated with Agency-initiated permit modifications include reviewing the modification request and entering the information into a database.

Permit Modification at the Request of the Permittee

(1) Class 1 Modifications

Agency activities associated with applications for Class 1 permit modifications include reviewing notifications required under section 270.42(a)(i), and applicable information required by sections 270.13 through 270.21, 270.62, and 270.63, and entering the information into a database.

(2) Class 2 and 3 Modifications

Agency activities associated with applications for Class 2 or 3 permit modifications include reviewing modifications requests and written notifications, and entering the information into a database.

(3) Request for Classification of a Permit Modification

Agency activities associated with requests for classification of a permit modification include reviewing the information submitted in support of a request, making a determination on the request, and entering the information into a database.

Temporary Authorizations

Agency activities associated with applications for temporary authorization include reviewing temporary authorization requests and entering the information into a database.

Expiration and Continuation of Permits

Agency activities associated with renewing existing permits include conducting the same activities as they would for initial permit applications.

5(b) COLLECTION METHODOLOGY AND MANAGEMENT

In collecting and analyzing the information required for boilers and industrial furnaces, EPA uses electronic equipment such as personal computers and applicable database software, where appropriate.

For information that is kept in facility files rather than submitted, the Agency visits the facility and collect any information that it wishes to review. Agency management of collected information includes review of information, making determinations, and filing and storing the information collected.

5(c) SMALL ENTITY FLEXIBILITY

In response to concerns regarding the burden placed on facilities that burn small quantities of hazardous waste, EPA has provided for an exemption under section 3004(q)(2)(B) of RCRA. The Agency has carefully evaluated the risks posed by small quantity burning and concluded that a conditional exemption for small quantity burners should be allowed where hazardous waste combustion poses an insignificant risk. This small quantity burner exemption would therefore reduce the burden placed on small entities.

In addition, EPA expects that in certain cases, respondents of small organizations will be able to complete recordkeeping, reporting, and application requirements in less time than large organizations because the permits will not be as detailed, or they will not be required to conduct as many monitoring activities or submit as many reports, because they have fewer activities requiring monitoring and reporting. However, a parallel does not always exist between the size of an organization and the amount of time needed to maintain records or submit reports. EPA has taken steps to minimize the burdens for all facilities, regardless of the size of the business.

5(d) COLLECTION SCHEDULE

COMPARABLE/SYNGAS FUEL SPECIFICATION

Section 261.38 exempts comparable/syngas fuel from the definition of solid waste. As the submittal of a notice to burn such waste is optional, there is no specialized timeframe for submitting the notice or related records.

GENERAL FACILITY STANDARDS APPLICABLE TO BIFs

General Facility Operating Requirements

The reporting requirements outlined in the regulations will vary according to individual facility circumstances (e.g., when receiving hazardous waste from a foreign source).

Recordkeeping Requirements

Since the operating record is maintained at the facility, discussion of a collection schedule is not applicable. Copies of records of waste disposal are submitted to EPA upon closure of the facility.

Contingency Plan and Emergency Procedures

The contingency plan is collected when the permittee submits the Part B permit application. A discussion of the contingency plan collection schedule for permitted facilities is included in the permit application and permit modification portion of this ICR. Since interim status facilities are not required to submit their contingency plans to EPA, discussion of a collection schedule for these facilities is not applicable.

The owner or operator must submit a written report of any incident that requires implementation of the contingency plan within 15 days after the incident occurs. The emergency coordinator must immediately notify the appropriate authorities of an imminent or actual emergency situation.

Closure Requirements

Permitted facilities submit their closure plans to EPA when submitting a Part B permit application. A discussion addressing collection schedules for permitted facilities is included in the permit application and permit modification portion of this ICR.

Interim status closure plans must be submitted according to the following schedules:

- The owner or operator must submit the closure plan to the Regional Administrator at least 180 days prior to the date on which he or she expects to begin closure of the first surface impoundment, waste pile, land treatment, or landfill unit, or final closure if it involves such a unit, whichever is earlier;
- The owner or operator must submit the closure plan to the Regional Administrator at least 45 days prior to the date on which he or she expects to begin final closure of a facility with only tanks, container storage, or incinerator units;

- Owners or operators with approved closure plans must notify the Regional Administrator in writing at least 60 days prior to the date on which they expect to begin closure of a surface impoundment, waste pile, landfill, or land treatment unit, or final closure of a facility involving such a unit;
- Owners and operators with approved closure plans must notify the Regional Administrator in writing at least 45 days prior to the date on which they expect to begin final closure of a facility with only tanks, container storage, or incinerator units;
- The owner or operator must submit the closure plan to the Regional Administrator no later than 15 days after:
 - Termination of interim status except when a permit is issued simultaneously with termination of interim status; or
 - Issuance of a judicial decree or final order under §3008 of RCRA to cease receiving hazardous wastes or close.

Both interim status and permitted facilities are required to submit closure certifications according to the following schedule:

- The owner or operator must submit a certification of closure to the Regional Administrator within 60 days of final closure.

Financial Requirements

For closure cost estimates, owners or operators must prepare initial cost estimates for activities identified in the closure plans. Thereafter, owners or operators must provide annual adjustments of these cost estimates to account for inflation. Also, owners or operators may be required to prepare new cost estimates, if changes in the closure plan increase closure costs. This burden will vary from facility to facility.

For closure care financial instruments, owners or operators must initially establish a financial instrument(s) assuring the cost of closure care. Thereafter, owners or operators must annually check the amount covered by the instrument(s) to make sure it equals the adjusted cost estimate, and change the amount assured accordingly.

For liability coverage requirements, owners or operators of facilities identified in sections 264.147 and 265.147 must initially demonstrate liability coverage for sudden and nonsudden accidents during the facilities' active life. Some of the financial instruments for liability coverage require additional reporting on an annual basis; for example, owners or operators must annually submit documentation to EPA supporting the use of the financial test or guarantee. Furthermore, owners or operators may also have to provide information due to varying circumstances; for example, whenever a claim for bodily injury or property damages caused by a hazardous waste treatment, storage, or disposal facility is made.

Conditions Applicable to All Permits

EPA collects information from permitted facilities at intervals specified in the permit. EPA may also collect other information if the Agency determines that it needs information to determine whether a

permit should be terminated, revoked and reissued, or modified. EPA may collect additional information from permitted facilities if noncompliance with permit conditions occurs.

SPECIFIC UNIT REQUIREMENTS FOR BIFS

Exemptions from the BIF Regulations

Section 266.100 exempts from BIF regulations certain furnaces engaged in metal or lead recovery, smelting, melting, and refining, and BIFs that burn small quantities of hazardous waste on site. As the submittal of such a demonstration is optional, there is no specified time frame for submitting these demonstrations.

Permit Standards

Monitoring and Inspections

Appendix IX, section 2 specifies testing and reporting procedures that must be followed to ensure that continuous emissions monitoring systems are installed and operated properly. The results of these tests must be reported to EPA prior to burning, and at times specified in the regulations and the facility's permit. There is no specified schedule for demonstrations submitted under Appendix IX, section 2.

Appendix IX, section 3 specifies monitoring and recording procedures that must be followed during burning of hazardous waste. With the exception of audit samples, which must be submitted with the results of compliance samples in relevant reports, this information is not submitted to EPA, but may be reviewed by the Agency during facility inspections. There is no specified schedule for demonstrations submitted under Appendix IX, section 3. There is no specified schedule for submittal of demonstrations performed under section 266.103(e)(8).

Recordkeeping

Section 266.102(e)(10) requires owners and operators of BIFs to maintain all information and data collected under this section until closure of the facility. While this data is not submitted to EPA, the Agency may review records during facility inspections.

Interim Status Standards

Purpose, Scope, and Applicability

Facilities that wish to apply for an allowance to burn hazardous waste with a heating value of less than 5,000 Btu/lb must submit documentation to EPA before commencing burning operations.

Certification of Precompliance

Appendix IX, section 9.4 requires facilities to submit, upon request, a record of all assumptions and calculations necessary to justify the air pollution control system removal efficiency used. Section 266.103(b)(1)-(2) requires facilities to submit the certification of precompliance to EPA on or before August 21, 1991. There is no schedule for submission of a revised certification of precompliance; however, owners and operators may submit such information to revise information on operating conditions at any time.

Certification of Compliance

Section 266.103(c)(2) requires BIF owners and operators to provide a notification to EPA at least 30 days prior to compliance testing. Within 90 days after completion of compliance testing, owners and operators must submit a certification of compliance. This certification of compliance must be submitted by August 21, 1992, unless the owner or operator applies for and receives an automatic or case-by-case extension. An automatic extension extends the deadline for submittal of the certification of compliance until August 23, 1993. A case-by-case extension may be granted in lieu of or after an automatic extension. The length of this extension is established by the Agency.

Section 266.103(c)(3)(i) allows BIF owners and operators, upon approval from the Agency, to submit data from one unit in lieu of compliance testing data for a similar unit operating under similar conditions. Owners and operators must submit information in support of this testing exemption and submit data from the similar unit on the same submission schedule as a certification of compliance.

As owners and operators may make revisions to the certification of compliance at any time, there is no specified schedule for submission of a revised certification of compliance. However, at least 30 days prior to first burning hazardous waste under operating conditions that exceed those established under a current certification of compliance, the owner or operator must submit a notification.

Periodic Recertifications

Section 266.103(d) requires owners and operators of BIF facilities to submit a recertification of compliance within three years from submitting the previous certification or recertification.

Automatic Hazardous Waste Feed Cutoff System

While records of operating parameters recorded during a hazardous waste feed cutoff are not submitted to EPA, EPA may review such records during facility inspections.

Monitoring and Inspections

Appendix IX, section 2 specifies testing and reporting procedures that must be followed to ensure that continuous emissions monitoring systems are installed and operated properly. The results of these tests must be reported to EPA prior to burning, and at times specified in the regulations. There is no specified schedule for demonstrations submitted under Appendix IX, section 2.

Appendix IX, section 3 specifies monitoring and recording procedures that must be followed during burning of hazardous waste. With the exception of audit samples, which must be submitted with the results of compliance samples in relevant reports, this information is not submitted to EPA, but may be reviewed by the Agency during facility inspections. There is no specified schedule for demonstrations submitted under Appendix IX, section 3.

In addition, there is no specified schedule for submittal of demonstrations performed under section 266.103(e)(8).

Recordkeeping

Section 266.103(k) requires owners and operators of BIFs to maintain all information and data collected under this section until closure of the facility. While this data is not submitted to EPA, the Agency may inspect records during facility inspections.

Standards to Control Organic Emissions

Section 266.104(a)(2) requires owners and operators that wish to use as a POHC a compound that is not listed in Appendix VIII to submit a demonstration and receive approval before using such a compound. There is no specified submission schedule.

Standards to Control Metal Emissions

Section 266.106(f) requires owners and operators that wish to use an alternative implementation approach for metals to submit a demonstration. There is no specified submission schedule.

Regulation of Residues

Section 266.112 allows owners and operators to obtain a hazardous waste exemption for residue derived from burning or processing hazardous waste by submitting a demonstration and receiving approval. There is no specified submission schedule.

PART B PERMIT APPLICATION AND PERMIT MODIFICATION REQUIREMENTS FOR BIFs

General Part B Information Requirements for BIFs

Owners and operators of existing facilities may be required to submit a Part B application for their BIF unit(s) at any time during the period covered by this ICR. Owners and operators also may voluntarily submit their Part B application at any time. Owners and operators of new BIF units must submit their Part B application at least 180 days before physical construction is expected to commence.

This ICR assumes that all information required under section 270.10 (Contents of the Permit Application), section 270.14(a) (General Requirements), section 270.14(b)(1)-(14) (General Facility Standards), section 270.14(b)(15)-(16) (Financial Assurance), section 270.14(b)(19) (Topographical Map), and section 270.33 (Schedules of Compliance) is submitted with the Part B application, with the exception of the following financial assurance requirements:

- Cost estimates for closure (§270.14(b)(15) and §264.142). Cost estimates and documentation of financial instruments for closure care must be submitted to EPA at least 60 days prior to the initial receipt of hazardous waste for treatment, storage, or disposal. Insurance documentation must be submitted within the same time frame. Respondents must also submit any requested information and permit modifications to EPA within a reasonable time, if EPA decides that an adjustment is necessary.
- Coverage by a State Financial Mechanism (§270.14(b)(15) and §264.147(b)(18)). Owners and operators of new facilities must submit proof of coverage by a State financial mechanism to EPA at least 60 days before the date on which hazardous waste is first received for treatment, storage, or disposal. If a State assumes legal responsibility for a

facility's compliance with the closure care or liability requirements, the owner or operator must submit evidence of this to EPA within a reasonable time.

Specific Part B Information Requirements For BIFs

Fugitive Emissions and Part B Information Requirements for the Pre-Trial Burn, Trial Burn, and Post-Trial Burn Periods

Sections 270.66, 270.22, 266.102, and 266.104 - .107 specify information that must be submitted in the Part B permit application. EPA expects that all Part B applications will be called in and submitted during the period covered by this ICR.

Waivers of the Trial Burn

Owners and operators wishing to obtain a waiver for certain trial burn requirements under section 270.22(a) must submit information to the Agency in the Part B permit application.

Alternative HC Limit for Industrial Furnaces With Organic Matter in Raw Materials

Owners and operators wishing to establish an alternative HC limit must submit information with the Part B permit application.

Alternative Metals Implementation Approach

Owners and operators wishing to establish an alternative metals implementation approach must submit information with the Part B permit application.

Automatic Hazardous Waste Feed Cutoff System

Owners and operators must submit information concerning the automatic waste feed cutoff system with the Part B permit application.

Direct Transfer Requirements

Owners and operator of BIFs are not required to submit any information to EPA relating to their direct transfer operations. EPA may review information on a facility's direct transfer system during facility inspections.

Regulation of Residues

Owners and operators wishing to obtain a hazardous waste exemption for residue derived from burning or processing hazardous waste may submit a demonstration with the Part B permit application.

Permit Modifications for BIFs

Transfer of Permits

Upon a change of ownership or operational control of a facility, the new owner or operator must submit a revised permit application to EPA no later than 90 days prior to the scheduled change. When a transfer of ownership or operational control occurs, the old owner or operator will comply with the requirements of 40 CFR Part 264, Subpart H until the new owner or operator has demonstrated that he or she is complying with the requirements of that Subpart. The new owner or operator must demonstrate compliance with Subpart H requirements within six months of the date of the change of ownership or operational control of the facility.

Permit Modification at the Request of the Agency

Permit modifications made at the request of the Agency are submitted according to the time frame discussed below for permit modifications made at the request of the permittee.

Permit Modification at the Request of the Permittee

(1) Class 1 Modifications

The permittee must notify EPA concerning the Class 1 modification by certified mail or other means that establishes proof of delivery within seven calendar days after the change is put into effect. The permittee must also send a notice of the modification to all persons on the facility mailing list within 90 calendar days after the change. For Class 1 modifications that require prior EPA approval, the notification must be made within 90 calendar days after EPA approves the request.

(2) Class 2 and 3 Modifications

The permittee must send a notice of the Class 2 or 3 modification request to all persons on the facility mailing list and publish the notice in a major newspaper of general circulation within seven days before or after the date of submission of the modification request.

(3) Requests for Classification of a Permit Modification

For permit modifications that are not specifically listed in Appendix I of section 270.42, a permittee may submit information in support of a request for a Class 1 or Class 2 permit modification. The permittee must submit this information and receive the Agency's determination before making the modification.

Temporary Authorizations

The permittee must send a notice regarding the temporary authorization request to all persons on the facility mailing list. This notification must be made within seven days of the submission of the authorization request.

Expiration and Continuation of Permits

All RCRA permits must be renewed no later than 10 years after the date of issuance. Since EPA plans to issue permits for BIF units during the period covered by this ICR, the Agency does not expect to receive any Part B renewal applications.

6. ESTIMATING THE BURDEN AND COST OF THE COLLECTION

6(a) ESTIMATING RESPONDENT BURDEN

EPA estimates respondent burden hours associated with all of the information collection requirements covered in this ICR in Exhibits 2 through 6. These exhibits show the average number of hours required to conduct the information collection activity and the average cost associated with each requirement. Exhibit 7 summarizes the total respondent burden and costs and provides annual bottom-line burden and costs associated with all information collection requirements applicable to facilities with BIF units.

The estimated burden and cost represents the average burden and cost incurred by a facility with BIF units. In developing these estimates, EPA recognizes that the burden for each facility will vary, depending on the number, capacity, and complexity of the BIF units at the facility. Consequently, the burden estimates included in this ICR neither supersede existing technical guidance nor constitute new guidance on the frequency or cost of complying with the information collection requirements associated with the BIF regulations.

6(b) ESTIMATING RESPONDENT COSTS

Labor Costs

For purposes of this analysis, EPA estimates an average hourly respondent labor cost of \$106.84 for legal staff, \$81.28 for managerial staff, \$62.53 for technical staff, and \$30.11 for clerical staff. These wage rates are based on salaries, overhead and fringe benefits used in ICR #1361.08, and have been updated using the Bureau of Labor Statistics' Employment Cost Index to 2002 levels.

Annual Capital and Operation & Maintenance Costs

Capital costs usually include any produced physical good needed to provide the needed information, such as machinery, computers, and other equipment. Capital costs incurred by respondents in this ICR include the cost to buy a monitor, sampling system, and data acquisition system for respondents required to conduct monitoring and inspections of hazardous waste. These costs are based on annualized costs used in ICR #1361.08, and have been updated to 2002 levels using the Consumer Price Index.

Operation and maintenance (O&M) costs are those costs associated with a paperwork requirement incurred continually over the life of the ICR. They are defined by the PRA as "the recurring dollar amount of costs associated with O&M or purchasing services." O&M costs covered in this ICR include the following:

- Mailing or long-distance phone call (estimated at \$3.42 per response);

- Photocopying and document storage overhead (estimated at \$.14 per page);and
- Laboratory analysis (varies; for example, we estimated a TCLP waste analysis costs \$1,282).

These costs are based on O&M costs used in ICR #1361.08, and have been updated to 2002 levels using the Consumer Price Index.

6(c) ESTIMATING AGENCY BURDEN AND COST

EPA estimates annual Agency burden hours and costs associated with all the requirements covered in this ICR in Exhibits 8-11. Exhibit 8 covers general facility standards, Exhibit 9 covers specific unit requirements for BIFs, and Exhibit 10 covers Part B permit application and permit modification requirements. Exhibit 11 is a summary table of the bottom line Agency burden and cost.

Agency labor costs are based on the 2002 GS pay schedule. EPA estimates an average hourly labor cost of \$66.38 for legal staff, \$42.13 for managerial staff, \$29.94 for technical staff, and \$18.03 for clerical staff. To derive hourly estimates, EPA divided annual compensation estimates by 2,080, which is the number of hours in the Federal work-year. EPA then multiplied hourly rates by the standard government overhead factor of 1.6.

6(d) ESTIMATING THE RESPONDENT UNIVERSE AND TOTAL BURDEN AND COSTS

Based on data compiled from the EPA Regions, EPA estimates that, over the three-year period covered by this ICR, there will be, on average, 91 BIF facilities in operation or in the process of closing (i.e., 47 interim status facilities and 44 permitted facilities). In regard to interim status BIF facilities, EPA expects, on average, that 45 will be in operation and that 2 will initiate closure annually. In addition, EPA expects that the 44 permitted BIF facilities will be operation annually and that none will close during the three-year period. A summary of these facilities is shown in Exhibit 1.

**Exhibit 1
Average Annual Number of Operating and Closing BIF Facilities
During the Three-Year Period of this ICR**

BIF Facility Type	Average Annual Number of Facilities
Interim Status	
Operating	45
Closing	2
Subtotal	47
Permitted	
Operating	44

BIF Facility Type	Average Annual Number of Facilities
Closing	0
Subtotal	44
Total	91

COMPARABLE/SYNGAS FUEL SPECIFICATION (Exhibit 2)

Exhibit 2 presents the estimated respondent burden and cost associated with hazardous waste listing exemptions for facilities with BIF units. To qualify for the exclusion under section 261.38, generators must demonstrate that the waste meets the comparable/syngas fuel specification by submitting a one-time notice to EPA or the appropriate State. EPA estimates that 10 facilities have already taken this exemption, and that an additional 2 facilities will claim the exclusion annually over the three-year period of this ICR. We estimate that half of all generators claiming the exclusion (5 facilities) will blend their wastes; and anticipate that these facilities will use process knowledge to determine the constituents in the original waste and will analyze the waste after blending. Of the 5 remaining facilities, 22 percent (approximately 1 facility) will document their waste by sampling and analysis and 78 percent (approximately 4 facilities) will document their waste by using process knowledge. O&M costs cover the cost of laboratory fees to analyze the wastestream for organic constituents.

We also expect that all 10 generators will ship comparable/syngas fuels off site. Thus, we estimate that each year, an average of 2 new facilities will obtain a one-time written, signed statement from the burner. The burden estimates also cover burner activities associated with preparing the statement. Since we estimate that each of these 10 generators will ship an average of four shipments per year (one every 90 days) to off-site burners, our total estimates for these facilities to prepare and maintain shipment-specific data is 40 shipments (10 x 4) sent off-site for recycling or energy recovery. We also expect all 10 generators to maintain comparable/syngas fuel records.

GENERAL FACILITY STANDARDS APPLICABLE TO BIFs (Exhibits 3A - 3F)

Exhibits 3A- 3F present the estimated respondent burden and cost associated with general facility standards for facilities with BIF units. Facilities with permitted and interim status BIF units will be subject to certain general facility standards of 40 CFR Parts 264 and 265. As described above, EPA estimates that an average of 44 facilities will be subject to permit requirements for their BIF unit(s), and will be regulated under 40 CFR Part 264. The remaining 47 facilities with BIF units will be subject to interim status requirements of 40 CFR Part 265. This section presents the estimated respondent universe for facilities with BIF units subject to the general facility standards of Parts 264 and 265.

General Facility Operating Requirements (Exhibit 3A)

Foreign Shipment Import Report

Based on previous experience, EPA estimates that approximately six percent of the operating respondent universe (three facilities with permitted BIF units and three with interim status units) will submit foreign shipment import reports annually.

Notice of Appropriate Permits

EPA estimates that approximately 31 percent of operating BIFs accept off-site waste. EPA estimates that each of these commercial facilities (14 facilities with permitted BIF units and 15 with interim status units) will accept waste from an average of 55 new generators each year during the period covered by this ICR. These commercial facilities must submit a one-time notice to these generators before accepting their waste.

Notice of Part 264 or Part 265, and Part 270 Requirements

EPA estimates that approximately one percent of all facilities with a BIF unit (zero facilities with a permitted unit and zero with interim status units) will experience a transfer in ownership each year. The owners and operators of these facilities will be required to submit a notice of Part 264 or 265 and Part 270 requirements to the new owner or operator of the facility.

Waste Analysis

Only operating facilities are required to conduct waste analysis testing. EPA has information from its Regional offices that indicates that commercial incinerator and land disposal sites have the greatest responsibility for waste analysis. As discussed previously, EPA estimates that 31 percent of operating BIFs accept off-site waste. Thus, EPA estimates that the 29 commercial BIFs (14 with permitted units and 15 with interim status units) will conduct testing 50 times a year, while all on-site BIFs (30 with permitted units and 32 with interim status units) will conduct this analysis four times a year.

Waste Analysis Plan

This ICR assumes that all currently operating facilities with BIF units will have already developed a waste analysis plan. [This ICR assumes that all facilities with new BIF units will develop this information as part of the Part B permit application. This burden is covered in the Part B application and modifications portion of this ICR.] EPA also assumes that, each year, 20 percent of all facilities operating during the period covered by this ICR (nine with permitted and nine with interim status BIF units) will modify the plan.

In addition to preparing a waste analysis plan, all operating BIF facilities (44 with permitted units and 47 with interim status units) must also maintain (i.e., photocopy and file) the plan at the facility until closure.

Inspection Schedule

This ICR assumes that all currently operating interim status facilities with BIF units already developed an inspection schedule. Thus, zero facilities will develop this schedule during interim status before the Part B permit application is submitted. [This ICR assumes that all facilities with new BIF units will submit this information as part of the Part B permit application. This burden is covered in the Part B application and modifications portion of this ICR.]

In addition to preparing an inspection schedule, all BIF facilities (44 with permitted and 47 with interim status units) must conduct daily inspections for a total of 14,520 activities for facilities with permitted BIF units and 15,510 for facilities with interim status units. All facilities must also maintain (i.e., photocopy, file, and update) the schedule until closure of the facility, and record problems in an inspection log. EPA estimates that five percent of these facilities will modify their inspection schedules annually (two with permitted units and two with interim status units).

Personnel Training

This ICR assumes that all currently operating interim status facilities with BIFs have already developed a personnel training program. [This ICR assumes that all facilities with new BIF units will submit this information as part of the Part B permit application. This burden is covered in the Part B application and modifications portion of this ICR.]

This ICR assumes that all currently operating facilities with BIF units (44 with permitted units and 47 with interim status units) will need to conduct personnel training, collect information, and maintain (i.e., photocopy, file, and update) personnel training records each year until closure of the facility.

Documentation of Compliance for Ignitable, Reactive, or Incompatible Wastes

Based on previous experience, EPA estimates that all facilities with permitted BIF units, or an average of 44 facilities during the period covered by this ICR, will have to maintain documentation of compliance for ignitable, reactive, or incompatible wastes until closure of the facility.

Recordkeeping Requirements (Exhibit 3B)

Operating Record Requirements

Only operating facilities are required to comply with the operating record recordkeeping requirements. EPA estimates that 44 facilities with permitted BIF units and 47 with interim status units must maintain operating records until closure of the facility. There are sixteen information components of the operating record requirements contained in 40 CFR §§264.73(b)(1)-(16) and 265.73(b)(1)-(16). Some of the requirements apply only to certain types of facilities, while others apply to all operating facilities. Requirements applicable to BIF units are described below.

All operating facilities (44 with permitted units and 47 with interim status units) must record a description and quantity of each hazardous waste received, and the method(s) and date(s) of its treatment, storage, and disposal (§§264.73(b)(1) and 265.73(b)(1)). All operating facilities must also describe the location of each hazardous waste within the facility and the waste's quantity (§§264.73(b)(2) and 265.73(b)(2)), and maintain records and results of waste analyses until closure of the facility (§§264.73(b)(3) and 265.73(b)(3)).

Facilities that have emergency incidents requiring implementation of the contingency plan must maintain (i.e., photocopy and file) written documentation of the incident until closure of the facility (§§264.73(b)(4) and 265.73(b)(4)). EPA estimates that one percent of all operating facilities with BIFs (zero facilities with permitted units and zero with interim status units) will experience an emergency incident and be required to comply with this regulation.

All operating BIF facilities (44 permitted and 47 interim status units) are required to maintain updated inspection information in the operating record until closure of the facility (264.73 and 265.73(b)(5)).

Only facilities that receive hazardous waste from an off-site source are required to maintain (i.e., photocopy and file) until closure all notices for generators verifying that they have a permit to handle the hazardous waste they are receiving (§§264.73(b)(7) and 265.73(b)(7)). Thus, EPA has determined that 31 percent of the operating BIF universe (14 facilities with permitted units and 15 with interim status units), will need to maintain until closure, in the operating record, the notice to generators.

All operating BIF facilities (44 facilities with permitted units and 47 with interim status units) will need to maintain a closure cost estimate in the operating record until closure of the facility (§§264.73(b)(8) and 265.73(b)(7)).

All facilities with permitted BIF units (44 facilities) will need to maintain until closure in the operating record a certification of waste minimization efforts (§264.73(b)(9)).

All facilities will meet with State and local authorities annually to discuss emergency arrangements (§264.37(b)). These facilities also must document any refusal of State and local agencies to enter into arrangements to address emergency situations (§264.14(b)). EPA estimates that only one percent of all operating BIF facilities (zero facilities with permitted BIF units and zero with interim status units) will be required to comply with this regulation.

Contingency Plan and Emergency Procedures (Exhibit 3C)

Contingency Plan Requirements

This ICR assumes that all currently operating facilities with BIF units have already developed a contingency plan. [This ICR assumes that all facilities with new BIF units will submit this information as part of the Part B permit application. This burden is covered in the Part B application and modifications portion of this ICR.] In addition, EPA estimates that 20 percent of all BIF facilities (nine facilities with permitted units and nine with interim status units) will amend their contingency plans annually and submit it to the local authorities. In addition to preparing a contingency plan, all operating BIF facilities (67 facilities with permitted BIF units and 28 with interim status units) must also maintain (i.e., photocopy, file, and update) the plan at the facility until closure.

Emergency Reporting and Recordkeeping Requirements

Based on program experience, the Agency estimates that one percent of all facilities will experience an emergency situation each year that will require the help of State or local authorities with designated response roles. Therefore, approximately zero facilities with permitted units and zero facilities with interim status units will be required to notify these authorities of an actual or imminent emergency situation (§§264.56(a)(2) and 265.56(a)(2)) each year.

EPA estimates that no facilities experiencing an emergency situation will have a release, fire, or explosion for which the emergency coordinator determines that it may be advisable to evacuate local areas (§§264.56(d)(1) and 265.56(d)(1)).

EPA estimates that one percent of BIF facilities will notify either a government official designated as the on-scene coordinator or the National Response Center of a release, fire, or explosion (§§264.56(d)(2) and 265.56(d)(2)). EPA estimates that only one percent of all facilities will have emergency incidents requiring implementation of the contingency plan. Therefore, approximately zero facilities with permitted units and zero facilities with interim status units will be required to prepare this notification.

All owners and operators experiencing an emergency situation (zero facilities with permitted units and zero facilities with interim status units) are required to notify the Regional Administrator that the facility is in compliance before resuming operation in the affected areas. The owner or operator of these facilities must also submit a written report to the Regional Administrator 15 days after the incident (§§264.56(j) and 265.56(j)). [The respondent burden for recording emergency details in the operating record is covered in the operating record section.]

Closure Requirements (Exhibit 3D)

EPA estimates that two interim status BIF facilities will initiate closure annually during the period covered by this ICR.

Reading the Regulations

All operating BIF facilities (44 facilities with permitted units and 47 with interim status units) are expected to read the closure regulations each year.

Closure Plans

This ICR assumes that all currently operating interim status facilities with BIF units already developed the closure plan. [This ICR assumes that all facilities with new BIF units will submit this information as part of the Part B permit application. This burden is covered in the Part B application and modifications portion of this ICR.]

Notification and Amendment of the Closure Plan

EPA estimates that five percent of facilities with BIF units will amend their closure plans annually and will submit a request to the Regional Administrator to authorize a change in the closure plan. Thus, zero facilities with interim status units will submit a closure plan amendment. [Since closure plan amendments for permitted units are associated with permit modifications, amendments are covered in the Part B applications and modifications section of this ICR.]

Partial Closure and Final Closure Notification

All owners and operators who intend to close their facility annually must notify EPA of closure. Thus, EPA expects two facilities with BIFs to submit a closure plan during the period covered by this ICR.

Extensions and Allowances During the Closure Period

EPA expects that five percent of the facilities intending to close their facility will apply for each of the exemptions. Thus, zero facilities will submit the paperwork associated with the exemptions.

Closure Certification

EPA does not expect any of the two facilities initiating closure to complete the closure activities within the three years covered by this ICR. Thus, zero facilities will submit the closure certification.

Financial Requirements (Exhibit 3E)

Reading the Regulations

All facilities with BIF units (44 facilities with permitted units and 47 facilities with interim status units) are expected to read the financial requirements regulations.

Financial Responsibility for Corrective Action

Because financial responsibility for corrective action is required under Part 264, only permitted units are included in the burden estimate. Figures from RCRIS indicate that 81 percent of permitted facilities completed a RCRA Facility Assessment (RFA) that indicated that further investigation, or a RCRA Facility Investigation (RFI), was necessary. Because such further investigation will entail the submission of corrective action financial assurance documentation, EPA concludes that 81 percent of the 44 facilities with permitted BIF units, or 36 facilities, will need to meet corrective action financial responsibility requirements. These facilities will need to include this financial assurance documentation in their permit renewals; because most TSDF permits are valid for five years, EPA estimates that each year approximately 20 percent, or seven of these 36 facilities, will submit financial assurance documentation for corrective action. EPA estimates that ten percent of these facilities per year (one facility) will need to provide the additional demonstration of denied permission to implement corrective action beyond facility boundaries.

Cost Estimates for Closure Care

This section covers the burden for owners or operators to collect data, prepare the written cost estimate, update cost estimates on a yearly basis to reflect inflation, amend cost estimates due to changes in the closure care plan, and maintain closure cost estimates and any adjustments until closure. All interim status facilities already prepared the cost estimate. All BIF facilities (44 with permitted BIF units and 47 with interim status BIF units) will adjust estimates annually to reflect inflation. For amendments of cost estimates due to changes in closure plans, EPA estimates that five percent of all facilities with interim status units (two facilities) will amend their closure plans annually. [Since closure plan amendments for permitted units are associated with permit modifications, such amendments are instead discussed in the Part B permit applications and modification section of this ICR.]

Closure Financial Assurance Requirements

Because evidence of establishing a financial instrument for closure care may be submitted with the Part B permit application, such activities for facilities with new BIF units are discussed in the Part B permit applications and modification portion of this ICR. However, prior to submitting a permit application, facilities with interim status BIF units must present evidence of an established financial instrument for closure care under §§265.143. In addition, the burden associated with annual updates or modifications to instruments for financial assurance is calculated in this exhibit for both permitted and interim status facilities.

This ICR assumes that all interim status facilities with BIF units will already have submitted financial assurance documentation. Thus, zero facilities will perform the activities discussed above. However, five percent of interim status facilities will amend the trust fund documentation due to changes in the closure plan. Since 12.5 percent of all facilities with BIF units are expected to use this option, EPA estimates that approximately zero facilities with interim status BIF units and zero facilities with permitted units will have to amend the closure trust fund.

EPA projects that five percent of all facilities with BIF units will amend closure financial instruments due to changes in the cost estimates or plans. Therefore, EPA estimates that five percent of the facilities choosing each of these financial instruments will need to modify the amounts covered by each instrument. Finally, all facilities covered under the financial test will need to submit annual updates; accordingly, 50 percent of operating facilities (22 facilities with permitted units and 24 with interim status units) will submit this update (as the other 50% use the financial test to comply with liability coverage requirements).

EPA estimates that two percent of all facilities with BIFs (one facility with permitted BIF units and one facility with interim status BIF units) will prepare a notification of reduction of liability coverage.

Liability Requirements

EPA calculates the number of respondents for demonstrating liability coverage in a manner similar to determining the number of closure care respondents. Because evidence of establishing a financial instrument for liability coverage may be submitted with the Part B permit application, such activities for facilities with new BIF units are discussed in the Part B permit application and permit modification portion of this ICR. However, prior to submitting a permit application, facilities with interim status BIF units must present evidence of an established financial instrument for liability coverage under §265.147. In addition, the burden associated with annual updates or modifications to financial instruments for liability coverage is calculated in this exhibit for both permitted and interim status facilities. EPA assumes that all interim status BIF facilities have already submitted the requirements discussed above.

EPA expects that all BIF facilities using the financial test or guarantee will submit the financial test documentation on an annual basis for review. Using the estimate that 50 percent of all BIF facilities will choose these mechanisms, EPA estimates that 22 facilities with permitted units and 24 with interim status units will submit this information on an annual basis.

EPA estimates that one percent of all facilities with BIFs (zero facilities with permitted units and zero facilities with interim status units) will become bankrupt and will need to submit evidence of insurance. EPA estimates, based on earlier estimates, that no facilities with BIF units will submit claim notifications.

Incapacity of Owners or Operators, Guarantors, or Financial Institutions

As discussed above, the average bankruptcy rate of one percent will generate zero facilities with permitted units and zero facilities with interim status units to the requirements for the incapacity of owners or operators, guarantors, or financial institutions.

Use of State-Required Mechanisms and State Assumption of Responsibility

EPA estimates that no facilities with BIF units will choose to use State-required mechanisms and State assumption of responsibility for financial requirements.

Conditions Applicable to All Permits (Exhibit 3F)

EPA estimates that each year 30 percent of all facilities with permitted BIF units will submit a permit modification at the request of the Agency. These 13 permittees will be required to furnish any relevant information requested by EPA to determine whether cause exists to modify, revoke and reissue, or terminate a permit, or to determine compliance with a permit.

EPA estimates that five percent of facilities with permitted BIF units (two facilities) will annually submit a notice of physical alterations or additions. Of these facilities, 50 percent (approximately one facility per year) will submit a notice of planned changes that may result in noncompliance with permit requirements. Of these facilities, 50 percent (approximately one facility) will submit a letter each year certifying that the facility has been constructed or modified in compliance with the terms of the permit.

EPA estimates that all facilities with permitted BIF units (44 facilities) will submit monitoring reports. EPA further estimates that 10 percent of facilities with permitted BIF units (four facilities) will be required to prepare and submit reports of compliance and noncompliance with the compliance schedule at intervals specified in the permit.

EPA estimates that ten percent of all facilities with BIF units, or four facilities, will experience a release, fire, or explosion that may threaten drinking water supplies, human health, or the environment outside the facility. These facilities will be required to submit a report within 24 hours of the incident and a more detailed written notice or report within 5 or 15 days, respectively, of the incident.

EPA estimates that 20 percent of all facilities with permitted BIF units, or nine facilities, will be required to submit reports of other noncompliance that are not submitted with monitoring reports, compliance schedule reports, and reports of releases, fires, and explosions. An additional ten percent, or four facilities, will submit amended information that was incorrect or omitted during an initial submittal.

SPECIFIC UNIT REQUIREMENTS FOR BIFs (Exhibit 4)

Exhibit 4 presents estimated respondent burden and cost associated with specific unit requirements for BIFs. This section discusses the estimated respondent universe for facilities with BIF units subject to the specific unit requirements of 40 CFR Part 266, Subpart H.

Exemptions from the BIF Regulations

40 CFR 266.100 and 266.108 exempt certain BIFs from BIF regulations promulgated at 40 CFR Part 266, Subpart H, and sections 270.22 and 270.66. For one-time requirements, this ICR covers only those facilities that will be applying for an exemption during the period covered by this ICR (i.e., facilities that have already applied for such an exemption are not accounted for in the respondent burden in this ICR). For on-going requirements related to exemptions from the BIF regulations (e.g., sampling and analyzing hazardous waste), this ICR covers both those facilities that have already received exemptions and those that are expected to apply for such an exemption during the period covered by this ICR.

Exemptions for Metal Recovery Furnaces

EPA estimates that 21 facilities are currently operating under a metal recovery furnace exemption. In addition, EPA estimates that each year five new facilities will qualify for an exemption for their metal recovery furnaces. These facilities are expected to read the regulations, sample and analyze hazardous waste three times each year (for a total of 63 activities), and maintain records until closure of the facility. In addition to the activities described above, new facilities would be required to submit a one-time notice (facilities that currently operate under an exemption have already incurred this burden and therefore are not burdened in this ICR). Any facility that is a lead or nickel-chromium recovery furnace or a metal recovery furnace that burns baghouse bags used to capture metallic dusts emitted by steel manufacturing would have to submit an additional one-time notice.

Exemptions for Smelting, Melting, and Refining Furnaces

EPA estimates that nine facilities are currently operating under an exemption for smelting, melting, and refining furnaces. In addition, EPA estimates that each year two new facilities will qualify for the exemption for their smelting, melting, and refining furnaces. These facilities are expected to read the regulations, sample and analyze hazardous waste three times each year (for a total of 27 activities), and maintain records until closure of the facility. In addition to the activities described above, these facilities will submit a one-time notice (facilities that currently operate under an exemption have already incurred this burden and therefore are not burdened in this ICR).

Lead Recovery Furnace Exemption

To claim the lead recovery exemption, the facility owner must submit a one-time notice to EPA. EPA estimates that currently no facility will claim the lead recovery furnace exemption. Because no facilities will complete the exemption requirement under section 266.100(h), this requirement does not contribute to the bottom-line burden of this ICR.

Small Quantity On-Site Burner Exemption

EPA estimates that 47 facilities are currently operating under an exemption for small quantity on-site burners. In addition, EPA estimates that each year six new facilities will qualify for the SQB exemption. These facilities are expected to read the regulations, gather and analyze data three times each year (for a total of 141 activities), and maintain records until closure of the facility. In addition to the activities described above, these facilities will submit a one-time notice (facilities that currently operate under an exemption have already incurred this burden and therefore are not burdened in this ICR).

Permit Standards

Monitoring and Inspections

40 CFR 266.102(e)(8) and Appendix IX, sections 2 and 3 contain monitoring and inspection requirements for BIF units and equipment, hazardous waste feed, and stack emissions. EPA estimates the respondent universe for each of these requirements as follows:

- EPA estimates that all facilities with permitted BIF units (44 facilities) will perform the following activities to comply with Appendix IX, section 2 requirements:
 - Test the calibration drift (CD), response time (RT), calibration error (CE) test procedure, and relative accuracy (RA) test procedure (Appendix IX, sections 2.1

and 2.2), including a daily calibration check for each monitor (2.1.10.1 and 2.2.9.1) and a daily system audit (2.1.10.2 and 2.2.9.2), and provide the required maintenance for monitoring systems; since much of this work is typically performed by sophisticated monitoring systems, EPA estimates that technical staff typically spend an hour per day ensuring that monitoring equipment is operating properly, for an average total of 330 technical hours over the course of a year;

- Record the CEMS response immediately after a calibration drift test (Appendix IX, sections 2.1.6.1.1 and 2.2.6.1.1);
 - Record the time (upscale response time) required to reach 95 percent of the stable value during the CD test (Appendix IX, sections 2.1.6.2.1 and 2.2.6.2.1);
 - Record the responses of the CEMS at three measurement points (Appendix IX, sections 2.1.6.3.1.2 and 2.2.6.3.1.2);
 - Summarize results on data sheets (Appendix IX, sections 2.1.6.1.2, 2.1.6.3.2, 2.1.6.4.5, 2.2.6.1.2, and 2.2.6.3.2);
 - Prepare a report of the data from all performance test methods (Appendix IX, section 2.1.6.4.3); and
 - Prepare and submit a report of the results of the CD, RA, response time, and CE test, as appropriate (Appendix IX, sections 2.1.8 and 2.2.8);
-
- EPA estimates that ten percent of facilities with permitted BIF units (four facilities) will need to take the combustion unit out of service during the calibration drift test period and record the onset and duration of downtime (Appendix IX, section 2.1.5.2 and 2.2.5.2);
 - EPA estimates that five percent of facilities with BIF units (two facilities) will request approval for an alternative relative accuracy procedure (Appendix IX, section 2.1.9.2);
 - EPA estimates that five percent of facilities with BIF units (four facilities) will request approval for an alternative calibration procedure (Appendix IX, section 2.1.10.1 and 2.2.9.1);
 - EPA expects that all facilities with new BIF units (three facilities per year) will develop a quality assurance (QA) program to evaluate and monitor CEMS performance (Appendix IX, sections 2.1.10 and 2.2.9) [EPA expects that all facilities with existing BIF units will develop such a plan under interim status];
 - EPA expects all facilities with permitted BIF units to carry out the QA plan by conducting a quarterly CE test (2.1.10.3 and 2.2.9.3) (for a total of 176 activities) and an annual specification test (2.1.10.4 and 2.2.9.4);

- EPA estimates that five facilities with permitted BIF units will use an alternative metals implementation approach. These facilities will perform the following activities once each working day (330 times per year) to comply with Appendix 3 requirements²:
 - Determine emissions of metals (Appendix IX, section 3.1);
 - Record data for metals sampling trains (Appendix IX, section 3.1.5.1.5); and
 - For monitoring of metals, record emissions data and maintain a laboratory log for all calibrations (Appendix IX, section 3.1.6).
- EPA estimates that all facilities with permitted BIF units will perform the following activities regularly to comply with 40 CFR 266.102(e)(8) requirements:
 - Conduct monitoring and inspections of hazardous waste, other fuels and feedstock, and stack gas emissions (§266.102(e)(8)(i));
 - Inspect the BIF and associated equipment at least each working day (§266.102(e)(8)(iii)); and
 - Record monitoring and inspection data (§266.102(e)(8)(v)).

Capital and O&M costs associated with these activities include the purchasing and maintenance of continuous emissions monitors, sampling equipment, and a data acquisition system. The estimated purchase price of the equipment is \$611,953 or \$93,930³, annualized at a 7 percent interest rate over 9 years (the estimated life of the equipment).

- EPA estimates that ten percent of facilities with permitted BIF units (four facilities) will demonstrate that weekly inspections of the hazardous waste feed cutoff system would unduly restrict or upset operations, and will receive approval for monthly inspections. EPA expects that these facilities will be granted approval to perform inspections every 30 days, for a total of 48 (4 x 12) activities. EPA expects the remaining 40 facilities with permitted BIF units to inspect their hazardous waste feed cutoff system weekly, for a total of 2,080 (40 x 52) activities.

Recordkeeping

EPA expects all 44 facilities with permitted BIF units to comply with recordkeeping requirements.

Interim Status Standards

Purpose, Scope, and Applicability

² The respondent universe for each of these requirements reflects EPA's estimate that facilities that use an alternative implementation approach for metals (5 facilities with permitted units) will conduct each activity 330 times a year, or once each operating day. Thus, EPA estimates that each of these activities will be performed 1,500 times (5 x 330).

³ Specific costs are as follows: (1) \$28,489 per monitor, installed, (2) \$156,122 to purchase and install a sampling system, and (3) \$427,342 to purchase and install a data acquisition system.

Current EPA data indicate that there are eight industrial furnaces currently operating. Based on its best professional judgment, EPA estimates that there will be an average of two interim status industrial furnaces. EPA estimates that ten percent of these furnaces (one furnace) feed hazardous waste for a purpose other than solely as an ingredient at any location other than the hot end where products are normally discharged or where fuels are normally fired. This furnace is assumed to be non-commercial facility that performs tests 12 times annually, for a total of 12 activities. This facility must also determine that adequate oxygen is present in combustion gases to combust organic constituents in the waste and retain documentation in the operating record until closure of the facility.

EPA expects all facilities with interim status units (47 facilities) will conduct analyses and maintain records until closure documenting that impermissible dilution or blending has not occurred. EPA estimates that each year five percent of facilities with interim status BIFs (two facilities) will seek an allowance for burning hazardous waste that has a heating value of less than 5,000 Btu/lb, and 20 percent of these facilities (zero facilities) will seek an allowance for burning such waste in a halogen acid furnace.

Certification of Precompliance

This ICR assumes that no facilities subject to the BIF regulations comply with certification of precompliance regulations anymore. Thus, this section does not apply.

Certification of Compliance

All facilities should have submitted a certification of compliance for their BIF unit(s) by August 21, 1992, unless they received an automatic or case-by-case extension from EPA. The automatic extension postponed the submittal date for the certification of compliance until August 23, 1993. EPA estimates that there are currently zero facilities with BIF units that are operating under a case-by-case time extension. Thus, this section does not apply.

Periodic Recertifications

All facilities with interim status BIF units must submit a periodic recertification every three years. Since EPA estimates there to be an average of 47 interim status BIF units during the three-year period covered by this ICR, EPA expects that 16 facilities per year will need to recertify.

Automatic Hazardous Waste Feed Cutoff System

EPA expects all 47 facilities with interim status units to experience an average of 12 emergency cutoff occurrences per year, for a total of 564 annual occurrences.

Fugitive Emissions

EPA estimates that ten percent of facilities with interim status BIFs (five facilities) will submit a demonstration for an alternate means of fugitive emissions control.

Monitoring and Inspections

40 CFR 266.103(j) and Appendix IX, sections 2 and 3 contain monitoring and inspection requirements for BIF units and equipment, hazardous waste feed, and stack emissions. EPA estimates the respondent universe for each of these requirements as follows:

- EPA estimates that all facilities with interim status BIF units (47 facilities) will perform the following activities once per year to comply with Appendix 2 requirements:
 - Test the calibration drift (CD), response time (RT), calibration error (CE) test procedure, and relative accuracy (RA) test procedure (Appendix IX, sections 2.1 and 2.2), including a daily calibration check for each monitor (2.1.10.1 and 2.2.9.1) and a daily system audit (2.1.10.2 and 2.2.9.2), and provide the required maintenance for monitoring systems; since much of this work is typically performed by sophisticated monitoring systems, EPA estimates that technical staff typically spend an hour per day ensuring that monitoring equipment is operating properly, for an average total of 330 technical hours over the course of a year;
 - Record the CEMS response immediately after a calibration drift test (Appendix IX, sections 2.1.6.1.1 and 2.2.6.1.1);
 - Record the time (upscale response time) required to reach 95 percent of the stable value during the CD test (Appendix IX, sections 2.1.6.2.1 and 2.2.6.2.1);
 - Record the responses of the CEMS at three measurement points (Appendix IX, sections 2.1.6.3.1.2 and 2.2.6.3.1.2);
 - Summarize results on data sheets (Appendix IX, sections 2.1.6.1.2, 2.1.6.3.2, 2.1.6.4.5, 2.2.6.1.2, and 2.2.6.3.2);
 - Prepare a report of the data from all performance test methods (Appendix IX, section 2.1.6.4.3); and
 - Prepare and submit a report of the results of the CD, RA, response time, and CE test, as appropriate (Appendix IX, sections 2.1.8 and 2.2.8);
- EPA estimates that ten percent of facilities with interim status BIF units (five facilities) will need to take the combustion unit out of service during the calibration drift test period and record the onset and duration of downtime (Appendix IX, section 2.1.5.2 and 2.2.5.2);

- EPA estimates that five percent of facilities with interim status BIF units (two facilities) will request approval for an alternative relative accuracy procedure (Appendix IX, section 2.1.9.2);
- EPA estimates that five percent of facilities with BIF units (two facilities) will request approval for an alternative calibration procedure (Appendix IX, section 2.1.10.1 and 2.2.9.1);
- EPA estimates that all facilities with existing BIF units will already have developed a quality assurance (QA) program during interim status to evaluate and monitor CEMS performance (Appendix IX, sections 2.1.10 and 2.2.9);
- EPA expects all facilities with interim status BIF units to carry out the QA plan by conducting a quarterly CE test (2.1.10.3 and 2.2.9.3) (for a total of 188 activities) and an annual specification test (2.1.10.4 and 2.2.9.4);
- EPA estimates that four facilities with interim status BIF units will use an alternative metals implementation approach. These facilities will perform the following activities each working day (330 times per year) to comply with Appendix 3 requirements⁴:
 - Determine emissions of metals (Appendix IX, sections 3.1);
 - Record data for metals sampling trains (Appendix IX, section 3.1.5.1.5); and
 - For monitoring of metals, record emissions data and maintain a laboratory log for all calibrations (Appendix IX, sections 3.1.6).
- EPA estimates that all facilities with interim status BIF units (47 facilities) will perform the following activities regularly to comply with 40 CFR 266.103(j) requirements:
 - Conduct monitoring and inspections of hazardous waste, other fuels and feedstock, and stack gas emissions (§266.103(j)(1));
 - Inspect the BIF and associated equipment at least each working day (§266.103(j)(2)); and
 - Record monitoring and inspection data (§266.103(j)(4)).

Capital and O&M costs associated with these activities include the purchasing and maintenance of continuous emissions monitors, sampling equipment, and a data acquisition

⁴ The respondent universe for each of these requirements reflects EPA's estimate that 4 facilities with interim status BIF units will use an alternative metals implementation approach. These facilities will conduct each activity 330 times a year, or once each working day. Thus, EPA estimates that each of these activities will be performed 1,320 times (4 x 330).

system. The estimated purchase price of the equipment is \$611,953, or \$93,930⁵, annualized at a 7 percent interest rate over 9 years (the estimated life of the equipment).

- EPA estimates that ten percent of facilities with interim status BIF units (five facilities) will demonstrate that weekly inspections of the hazardous waste feed cutoff system would unduly restrict or upset operations, and will receive approval for monthly inspections. EPA expects that these facilities will be granted approval to perform inspections every 30 days, for a total of 60 (5 x 12) activities. EPA expects the remaining 42 facilities with interim status BIF units to inspect their hazardous waste feed cutoff system weekly, for a total of 2,184 (42 x 52) activities.

Recordkeeping

EPA expects all 47 facilities with interim status BIF units to comply with recordkeeping requirements.

Standards to Control Organic Emissions

EPA estimates that no facilities with permitted units will submit a demonstration.

Standards to Control Metals Emissions

EPA estimates that 20 percent of all facilities with interim status BIF units (nine facilities) will utilize the alternate metals implementation approach. However, these facilities have already submitted their documentation of the demonstration. Thus, zero facilities will submit documentation showing compliance with the alternate metals approach. [Facilities with permitted BIF units submit this information with the Part B permit application. Therefore, these facilities are burdened in the Part B permit applications and modifications portion of this ICR.]

Direct Transfer Requirements

EPA estimates that 10 percent of facilities with BIF units (four facilities with permitted BIF units and five facilities with interim status units) will want to use the direct transfer provisions of §266.111 to transfer their hazardous waste. These facilities will need to conduct periodic inspections of their waste and record and maintain inspection data. Facilities with interim status units will also have to collect data, submit a certification that the installation meets NFPA codes, and maintain this data under §266.111(d)(2). EPA further estimates that 20 percent of these five facilities (one facility) have existing direct transfer equipment that does not have secondary containment, and therefore, will collect data to support, and obtain and keep on file, a written assessment that attests to the equipment's integrity. [Facilities with permitted BIF units submit this information with the Part B permit application. Therefore, these facilities are burdened in the Part B permit applications and modifications portion of this ICR.]

Regulation of Residues

⁵ Specific costs are as follows: (1) \$28,489 per monitor, installed, (2) \$156,122 to purchase and install a sampling system, and (3) \$427,342 to purchase and install a data acquisition system.

EPA estimates that all facilities with cement kilns (14 facilities) and 3 other facilities will want to apply for an exclusion for their residue from classification as hazardous waste. EPA expects that an average of seven of these facilities (seven cement kilns and no other facilities) will be operating under permits, while 10 (7 cement kilns and 3 others) will be operating under interim status. EPA expects cement kilns to test their residues 52 times per year for a total of 364 activities for permitted and interim status facilities, respectively. EPA expects other facilities to conduct residue testing 12 times per year for a total of 36 activities for interim status facilities.

EPA estimates that the 10 facilities with interim status units will also maintain a supporting rationale for handling nondetect data points. EPA estimates that ten percent of the facilities applying for an exclusion (one facility per year) will maintain a supporting rationale for an alternate statistical approach. [Facilities with permitted BIF units submit this information with the Part B permit application. Therefore, these facilities are burdened in the Part B permit applications and modifications portion of this ICR.]

PART B PERMIT APPLICATION AND PERMIT MODIFICATIONS REQUIREMENTS FOR BIFs (Exhibits 5A - 5C)

Exhibits 5A, 5B, and 5C present estimated respondent burden and cost associated with Part B information requirements and permit modifications for facilities with BIF units. Exhibit 5A covers general Part B information requirements applicable to facilities with BIFs. Exhibit 5B includes unit-specific requirements applicable to BIF units, and Exhibit 5C covers information submitted with permit modifications.

Based on readily available data, EPA estimates that, each year, 20 interim status BIF facilities will submit a Part B permit application to EPA. EPA also estimates that three permit applications will be submitted each year for new BIF facilities.

General Part B Information Requirements for BIFs (Exhibit 5A)

Exhibit 5A presents burden and cost estimates for general Part B information requirements for facilities with BIF units. This section discusses the respondent universe for these requirements.

Legal Review

EPA estimates that for all facilities submitting a Part B permit application (23 facilities per year), owners/operators will have legal counsel review the completed application prior to submittal to EPA, even though there is no regulatory requirement to do so.

General Requirements

EPA estimates that each year one percent of the facilities submitting a Part B permit application for their BIF unit(s) (approximately zero facilities) will submit a demonstration for relief from specific Part B information requirements under §270.14(a).

General Facility Standards

Based on previous experience, EPA makes the following estimates regarding the Part B requirements for general facility standards:

- All facilities submitting a Part B permit application for BIF units (23 facilities per year) will read the regulations, prepare a written description of the facility, and submit and file the general facility standards information;
- The burden associated with preparing the waste analysis plan, inspection schedule, personnel training programs, contingency plan, and closure descriptions and estimates for current facilities with interim status BIF units are covered in the general facility standards portion of this ICR. Therefore, this section only covers the burden for facilities that are expected to begin burning hazardous waste in BIF units during the period covered by this ICR. EPA expects that an average of three facilities per year will submit a Part B permit application for a new BIF unit.
- EPA estimates that each year one percent of the facilities submitting a Part B permit application for its BIF unit(s) (approximately zero facilities) will submit a demonstration for a waiver of the security procedures and equipment requirements (§270.14(b)(4)). EPA estimates that all facilities applying for a waiver will receive one. Therefore, 23 facilities per year will prepare a description of security procedures and equipment requirements;
- One percent of the facilities submitting a Part B permit application (approximately zero facilities) will submit a demonstration for an exemption from special equipment requirements;
- One percent of facilities submitting a Part B permit application (approximately zero facilities) will submit a demonstration for an exemption from aisle space requirements under §270.14(b)(6);
- Forty percent of the facilities submitting a Part B permit application for their BIF unit(s) (nine facilities per year) will have to submit information regarding ignitable, reactive, or incompatible wastes under §270.14(b)(9);

All facilities submitting a Part B permit application (23 facilities per year) will submit a description of traffic patterns, volume, and control, and compile and document facility location information;

- No facilities will prepare a demonstration of compliance with the seismic standard under §270.14(b)(11)(ii);
- EPA estimates that 24 percent of facilities with BIF unit(s) (six facilities) are located in a 100-year floodplain. These facilities will have to submit an engineering analysis and engineering studies under §270.14(b)(11)(iv); and
- Five percent of the facilities submitting a Part B permit application for their BIF units (one facility per year) will submit a compliance plan and schedule.

Financial Assurance

The burden associated with preparing financial assurance materials for current facilities with interim status BIF units are covered in the general facility standards portion of this ICR. Therefore, this section only covers the burden for facilities that are expected to begin burning hazardous waste in BIF units during the period covered by this ICR. EPA expects that an average of three facilities per year will submit a Part B permit application for a new BIF unit. Of these facilities, EPA estimates that 80 percent (two facilities) will secure financial assurance through outside institutions. These facilities will submit financial assurance documentation as part of their Part B permit application. EPA does not anticipate that any of the facilities seeking a permit for their BIF unit(s) will choose to use a State financial mechanism in lieu of the Federal mechanisms. All facilities with new BIF units must submit documentation of liability coverage for sudden accidental occurrences.

EPA estimates that no facilities will submit an application for a variance from the financial responsibility requirements.

Topographical Map

All facilities submitting a Part B permit application for their BIF unit(s) (23 facilities per year) must submit a topographical map as required under §270.14(b)(9) in their Part B permit applications.

Schedules of Compliance

EPA estimates that five percent of all facilities submitting a Part B permit application for their BIF unit(s) (one per year) will submit a schedule of compliance with their application. Of these facilities, EPA expects that none will submit an alternative schedule of compliance, and none will submit an application for two compliance schedules. EPA does not anticipate that any facilities will submit evidence of firm public commitment to cease conducting regulated activities.

Specific Part B Information Requirements for BIFs (Exhibit 5B)

Exhibit 5B presents burden and cost estimates for unit-specific Part B information requirements associated with BIFs. This section discusses the respondent universe for these requirements.

Fugitive Emissions

EPA estimates that ten percent of all facilities submitting a Part B application for their BIFs (two facilities per year) will submit a demonstration in support of an alternate means of fugitive emissions control.

Part B Information Requirements Relating to the Pre-Trial Burn, Trial Burn, and Post-Trial Burn Periods

EPA expects all facilities submitting a Part B permit application for their BIF unit(s) (23 facilities per year) will submit statements suggesting the conditions necessary to operate in compliance with §266.104 through §266.107 during the pre-trial burn and post-trial burn periods. These facilities are also expected to submit a trial burn plan and all required certifications. EPA also expects all these facilities, minus the estimated two facilities per year that will submit data in lieu of a trial burn under §270.22(a)(6)

(23 - 2 = 21), to conduct the trial burn and make determinations and submit a trial burn report. EPA also estimates equipment costs, as shown in the exhibit.

EPA expects one facility per year to submit a request for an extension of the 720-hour operational period with the Part B application.

EPA estimates that two facilities per year will request a later date for submission of the Part B permit application or the trial burn results.

Waivers of the Trial Burn

(1) Waiver of the Trial Burn for Boilers Operating Under Special Operating Requirements

EPA estimates that there are 25 facilities with boiler units, six of which are expected to submit a Part B permit application over the period covered by this ICR. EPA estimates that 30 percent of all facilities with boiler units will submit a demonstration for a waiver of the trial burn. Thus, EPA estimates that two boilers, or approximately one per year, will submit information in support of a waiver.

(2) Waiver of the Trial Burn for BIFs Burning Low Risk Waste

EPA estimates that annually, five facilities will submit a demonstration in support of a waiver on the basis of low risk waste.

(3) Waiver of the Trial Burn for Metals

EPA estimates that 20 percent of all facilities with BIF units will submit a demonstration in support of a waiver of the trial burn for metals. Thus, EPA estimates that five facilities will submit information in support of a waiver.

(4) Waiver of the Trial Burn for Particulate Matter

EPA estimates that 20 percent of all facilities with BIF units will submit a demonstration in support of a waiver of the trial burn for particulate matter. Thus, EPA estimates that annually, five facilities will submit information in support of a waiver.

(5) Waiver of the Trial Burn for HCl and Cl₂ Emissions

EPA estimates that 30 percent of all facilities with BIF units will submit a demonstration in support of a waiver of the trial burn for HCl and Cl₂. Thus, EPA estimates that annually, seven facilities will submit information in support of a waiver.

(6) Data in Lieu of a Trial Burn

EPA estimates that ten percent of all facilities with BIF units will submit information in support of providing data from compliance testing of the device, or data from compliance testing, trial burns, or operational burns for a similar unit, in lieu of compliance testing. Thus, EPA estimates that annually, two facilities will submit information in support of a waiver.

Alternative HC Limit for Industrial Furnaces with Organic Matter in Raw Materials

EPA estimates that ten percent of all facilities with permitted BIF units will submit with the Part B application a demonstration in support of an alternative HC limit. Thus, EPA estimates that annually, four facilities will submit information in support of an alternative limit.

Alternative Metals Implementation Approach

EPA estimates that 20 percent of all facilities with new BIF units will submit a demonstration in support of an alternative metals implementation approach with the Part B permit application. [Facilities submitting this information before submitting a Part B permit application are covered in the specific units portion of this ICR.] Thus, EPA estimates that annually, one facility will submit information in support of an alternative approach.

Automatic Hazardous Waste Feed Cutoff System

EPA assumes that all facilities submitting a Part B permit application for their BIF unit(s) (23 per year) will provide information on the automatic hazardous waste feed cutoff system.

Direct Transfer Requirements

EPA estimates that 10 percent of all facilities with BIF units will want to use the direct transfer provisions of §266.111 to transfer their hazardous waste. EPA expects existing facilities to submit information on their direct transfer systems during interim status, before submittal of the Part B permit application. [The burden for these facilities is covered in the specific units portion of this ICR.] EPA expects only new facilities to prepare and submit direct transfer information with the Part B permit application. Thus, EPA expects that zero facilities per year (three facilities x 10 percent) to collect data and obtain a certification that the installation meets NFPA codes. EPA expects that these facilities will have existing direct transfer equipment that has secondary containment, and therefore will not need to collect data to support, and obtain and keep on file, a written assessment that attests to the equipment's integrity.

Regulation of Residues

EPA estimates that approximately one-third of all facilities will submit demonstrations in support of an exclusion from classification as hazardous waste for their residues. EPA expects facilities with new BIF units that apply for this exclusion to prepare and maintain a rationale for handling non-detect data points. Thus, EPA expects that annually, one facility with new BIF units to prepare such information. EPA does not expect any of these facilities to apply for an alternate statistical approach. [EPA expects existing facilities to submit this information during interim status, before submitting a Part B permit application. These facilities are covered in the specific units portion of this ICR.]

Permit Modifications for BIFs (Exhibit 5C)

Exhibit 5C presents burden and cost estimates associated with permit modifications and expiration and continuation of permits. The respondent universe for permit modifications and renewals is discussed below.

Transfer of Permits

In addition to the permit modifications discussed below, EPA estimates that no facilities with permitted BIFs will submit the written agreement required to transfer ownership or operational control of a facility.

Permit Modification at the Request of the Agency

EPA estimates that there will be an average of 44 permitted facilities during the period covered by this ICR. During the 3-year period covered by this ICR, EPA estimates that 25 percent of these facilities (11 facilities) will seek Class 1 permit modifications; 62 percent (27 facilities) will seek Class 2 permit modifications; and 32 percent (14 facilities) will seek Class 3 modifications. EPA expects that the majority of these permit modification requests will be initiated by the permittees under §270.42, but anticipates that 33 percent of the Class 2 and 3 permit modifications submitted will be modifications initiated by the Agency under §270.41. Thus, EPA estimates that approximately nine Class 2 permit modifications and five Class 3 permit modifications will be made at the request of the Agency, for a total of 14 Class 2 and 3 modifications (annualized at four modifications per year). [The BIF regulations, promulgated on February 21, 1991, required owners and operators of permitted facilities that had an existing BIFs burning hazardous waste to submit a Class 1 modification on or before the effective date of the rule. In addition, these facilities had to submit a Class 2 or 3 modification within 180 days of the rule. This ICR assumes that all facilities subject to this requirement have already submitted the required modifications. Therefore, this ICR contains no burden for such modifications.]

Permit Modification at the Request of the Permittee

As stated above, EPA estimates that 11 facilities will submit Class 1 permit modifications during the period covered by this ICR (approximately four each year). In addition, based on the discussion above, EPA estimates that 18 Class 2 permit modifications and approximately 9 Class 3 permit modifications will be submitted at the request of the permittee, for a total of 27 Class 2 and 3 modifications. Thus, EPA expects there to be a total of 13 $((11 + 18 + 9)/3)$ permit modifications to be made at the request of the permittee each year.

EPA also estimates that each year one facility with BIF unit(s) will request that EPA classify its permit modification as a Class 1 modification. This facility will submit information in support of its request.

Temporary Authorizations

EPA estimates that 25 percent of the facilities seeking a Class 2 or Class 3 permit modification at their own request $((27 \times 0.25)/3) = 2$ facilities) will submit a request for temporary authorization under §270.42(e).

Expiration and Continuation of Permits

EPA does not expect any facilities to submit applications for renewal of permits for BIF units during the period covered by this ICR.

EXHIBIT 2
 COMPARABLE/SYNGAS FUEL SPECIFICATION
 ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Total Hours and Costs		
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	No of Respondents or Activities	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY										
Reading the regulations										
Read the regulations covering exemptions	1.00	1.00	1.00	0.00	\$250.65	\$0.00	\$0.00	3.0	9.00	\$751.95
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	9.00	\$751.95
Notices (261.38(c)(1))										
Submit a one-time comparable/syngas fuel to the permitting agency (generators)	0.00	0.50	0.50	0.50	\$86.96	\$0.00	\$3.42	2.0	3.00	\$180.76
Prepare and submit the notification to a local newspaper (burners)	0.00	0.00	0.00	0.25	\$7.53	\$0.00	\$569.79	1.0	0.25	\$577.32
Sampling and Analysis (261.38(c)(7))										
Develop, follow and submit a sampling and analysis plan for each waste for which an exclusion is sought	0.00	0.25	2.00	0.25	\$152.91	\$0.00	\$911.66	2.0	5.00	\$2,129.14
Document that no hazardous constituents are present in the waste for which an exclusion is sought by sampling and analysis	0.00	0.00	1.00	0.00	\$62.53	\$0.00	\$2,051.24	1.0	1.00	\$2,113.77
Document that no hazardous constituents are present in the waste for which an exclusion is sought by process knowledge	0.00	0.00	1.00	0.00	\$62.53	\$0.00	\$0.00	4.0	4.00	\$250.12
Blended Waste (261.38(c)(8)(viii))										
Analyze and document that blended fuel metals all comparable/syngas fuel specifications by sampling and analyzing the fuel as generated after blending	0.00	0.00	2.00	0.00	\$125.06	\$0.00	\$2,051.24	5.0	10.00	\$10,881.50
Recordkeeping (261.38(c)(10))										
Maintain all comparable fuels records for three years	0.00	0.00	0.00	16.00	\$481.70	\$0.00	\$0.00	10.0	160.00	\$4,817.00
Off-Site Burning (261.38(c)(12))										
Obtain a one-time written, signed statement from the burner	0.00	1.00	3.00	0.50	\$283.93	\$0.00	\$0.00	2.0	9.00	\$567.86
Prepare and maintain shipment-specific date for each shipment bound for off-site burning	0.00	0.00	0.25	0.25	\$23.16	\$0.00	\$0.00	40.0	20.00	\$926.40
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	212.25	\$22,443.87
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	221.25	\$23,195.82

EXHIBIT 3A
GENERAL FACILITY STANDARDS APPLICABLE TO BIFs
GENERAL FACILITY OPERATING REQUIREMENTS
ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Foreign Shipment Import Report (264.12(a) and 265.12(a))											
Read the regulations	0.00	0.25	0.75	0.00	\$67.22	\$0.00	\$0.00	3	3	6.00	\$403.32
Collect Data	0.00	0.00	0.75	0.25	\$54.43	\$0.00	\$0.00	3	3	6.00	\$326.58
Prepare and submit notification	0.00	0.25	0.50	0.25	\$59.11	\$0.00	\$0.00	3	3	6.00	\$354.66
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	18.00	\$1,084.56
Notice of appropriate permit(s) (264.12(b))											
Read the regulations	0.00	0.10	0.25	0.00	\$23.76	\$0.00	\$0.00	14	15	10.15	\$689.04
Prepare, keep records of, and submit notice (55 annually)	0.00	0.13	0.25	0.13	\$29.56	\$0.00	\$3.42	770	825	797.50	\$52,603.10
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	807.65	\$53,292.14
Notice of Part 264 or 265 and Part 270 requirements (264.12(c) and 265.12(b))											
Read the regulations	0.00	0.10	0.25	0.00	\$23.76	\$0.00	\$0.00	0	0	0.00	\$0.00
Prepare and submit notice	0.00	0.00	0.50	0.13	\$35.18	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
Waste Analysis (264.13(a)(1) and 265.13(a)(1))											
Non-commercial facilities											
Read the regulations	0.00	0.25	0.75	0.00	\$67.22	\$0.00	\$0.00	30	32	62.00	\$4,167.64
Collect data (four times annually)	0.00	0.00	0.25	0.50	\$30.69	\$0.00	\$0.00	120	128	186.00	\$7,611.12
Perform waste analysis (four times annually)	0.00	0.00	1.00	0.00	\$62.53	\$0.00	\$1,709.37	120	128	248.00	\$439,431.20
Commercial facilities											
Read the regulations	0.00	0.25	0.75	0.00	\$67.22	\$0.00	\$0.00	14	15	29.00	\$1,949.38
Collect data (50 times annually)	0.00	0.00	0.25	0.50	\$30.69	\$0.00	\$0.00	700	750	1,087.50	\$44,500.50
Perform waste analysis (50 times annually)	0.00	0.00	1.00	0.00	\$62.53	\$0.00	\$1,709.37	700	750	1,450.00	\$2,569,255.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	3,062.50	\$3,066,914.84

EXHIBIT 3A
GENERAL FACILITY STANDARDS APPLICABLE TO BIFs
GENERAL FACILITY OPERATING REQUIREMENTS
ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Waste Analysis Plan (264.13(b) and 265.13(b))											
Read the regulations	0.00	0.25	0.75	0.00	\$67.22	\$0.00	\$0.00	0	47	47.00	\$3,159.34
Collect data	0.00	0.00	10.00	0.00	\$625.32	\$0.00	\$0.00	0	0	0.00	\$0.00
Write the waste analysis plan	0.00	10.00	60.00	0.50	\$4,579.75	\$0.00	\$0.00	0	0	0.00	\$0.00
Maintain the waste analysis plan	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$1.37	44	47	91.00	\$2,864.68
Modify the waste analysis plan	0.00	10.00	80.00	0.50	\$5,830.38	\$0.00	\$0.00	9	9	1,629.00	\$104,946.84
Maintain the modified waste analysis plan	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$0.00	9	9	18.00	\$541.98
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	1,785.00	\$111,512.84
Inspection Schedule (264.15(b)(1) and (d) and 265.15(b)(1) and (d))											
Read the regulations	0.00	0.25	0.75	0.00	\$67.22	\$0.00	\$0.00	0	47	47.00	\$3,159.34
Develop an inspection schedule	0.00	8.00	80.00	1.00	\$5,682.87	\$0.00	\$0.00	0	0	0.00	\$0.00
Conduct daily inspections	0.00	0.00	0.50	0.00	\$31.27	\$0.00	\$0.00	14,520	15,510	15,015.00	\$939,038.10
Maintain the inspection schedule	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$1.37	44	47	91.00	\$2,864.68
Modify the inspection schedule	0.00	0.00	8.00	0.00	\$500.25	\$0.00	\$0.00	2	2	32.00	\$2,001.00
Maintain the modified inspection schedule	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$0.00	2	2	4.00	\$120.44
Record problems in the inspection log	0.00	0.00	100.00	0.00	\$6,253.16	\$0.00	\$0.00	44	47	9,100.00	\$569,037.56
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	24,289.00	\$1,516,221.12
Personnel Training (264.16(d) and 265.16(d))											
Read the regulations	0.00	0.25	0.75	0.00	\$67.22	\$0.00	\$0.00	0	47	47.00	\$3,159.34
Collect data	0.00	0.50	2.00	0.50	\$180.76	\$0.00	\$0.00	44	47	273.00	\$16,449.16
Maintain training records (new)	0.00	0.00	0.00	80.00	\$2,408.49	\$0.00	\$1.37	3	0	240.00	\$7,229.58
Maintain training records (existing)	0.00	0.00	0.00	80.00	\$2,408.49	\$0.00	\$1.37	41	47	7,040.00	\$212,067.68
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	7,600.00	\$238,905.76
Documentation of Compliance for Ignitable, Reactive, or Incompatible Wastes (264.17(c))											
Read the regulations	0.00	0.25	0.75	0.00	\$67.22	\$0.00	\$0.00	44	0	44.00	\$2,957.68
Collect and document data	0.00	1.00	40.00	1.00	\$2,612.65	\$0.00	\$0.00	44	0	1,848.00	\$114,956.60
Maintain documentation at the facility	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$1.37	44	0	44.00	\$1,385.12
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	1,936.00	\$119,299.40
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	varies	39,498.15	\$5,107,230.66

EXHIBIT 3B
GENERAL FACILITY STANDARDS APPLICABLE TO BIFs
RECORDKEEPING REQUIREMENTS
ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

INFORMATION COLLECTION ACTIVITY	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
Determine Quantity of Waste (264.73 and 265.73(b)(1) & (b)(2))											
Maintain updated information in operating record	0.00	0.00	40.00	40.00	\$3,705.51	\$0.00	\$1.37	44	47	7,280.00	\$337,326.08
Records and Results of Waste Analysis (264.73 and 265.73(b)(3))											
Maintain updated information in operating record	0.00	0.00	0.00	20.00	\$602.12	\$0.00	\$1.37	44	47	1,820.00	\$54,917.59
Emergency Reports (264.73 and 265.73(b)(4))											
Maintain updated information in operating record	0.00	0.00	0.00	4.00	\$120.42	\$0.00	\$1.37	0	0	0.00	\$0.00
Inspections (264.73 and 265.73(b)(5))											
Maintain updated information in operating record	0.00	0.00	4.00	20.00	\$852.25	\$0.00	\$1.37	44	47	2,184.00	\$77,679.42
Notices to Generators (264.73 and 265.73(b)(7))											
Maintain updated information in operating record	0.00	0.00	0.00	2.00	\$60.21	\$0.00	\$1.37	14	15	58.00	\$1,785.82
Closure Cost Estimates (264.73 and 265.73(b)(8))											
Maintain updated information in operating record	0.00	0.00	1.00	2.00	\$122.74	\$0.00	\$1.37	44	47	273.00	\$11,294.01
Certification (264.73(b)(9))											
Maintain updated information in operating record	0.00	0.00	1.00	2.00	\$122.74	\$0.00	\$1.37	44	0	132.00	\$5,460.84
Arrangements with Local Authorities (264.37(b))											
Meet with state and local authorities to discuss emergency arrangements	0.00	8.00	8.00	0.00	\$1,150.49	\$0.00	\$0.00	44	47	1,456.00	\$104,694.59
Document refusal of State or local authorities to enter into arrangements	0.00	0.25	1.00	0.50	\$97.90	\$0.00	\$0.00	0	0	0.00	\$0.00
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	varies	13,203.00	\$593,158.35

EXHIBIT 3C
GENERAL FACILITY STANDARDS APPLICABLE TO BIFs
CONTINGENCY PLAN AND EMERGENCY PROCEDURES
ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Contingency Plan Requirements(265.50 - .54)											
Read the regulations	0.00	0.25	0.75	0.00	\$67.22	\$0.00	\$0.00	0	47	47.00	\$3,159.34
Collect the data required in the contingency plan (264.52)	0.00	0.00	12.00	3.00	\$840.70	\$0.00	\$0.00	9	9	270.00	\$15,132.60
Write the contingency plan	0.00	1.00	60.00	4.00	\$3,953.60	\$0.00	\$0.00	0	0	0.00	\$0.00
Submit contingency plan to local authorities	0.00	0.00	0.00	0.50	\$15.05	\$0.00	\$3.42	9	9	9.00	\$332.46
Maintain the contingency plan	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$1.37	44	47	91.00	\$2,864.68
Amend the contingency plan	0.00	0.50	8.00	2.00	\$601.10	\$0.00	\$0.00	9	9	189.00	\$10,819.80
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	606.00	\$32,308.88
Emergency Coordinator Reports (264.56(a)(2), (d)(1), and (d)(2)), and 265.56(a)(2), (d)(1), and (d)(2))											
Read the regulations	0.25	0.50	0.00	0.00	\$67.35	\$0.00	\$0.00	0	47	35.25	\$3,165.45
Notify State and local authorities of an imminent or actual emergency situation	0.00	0.50	0.00	0.00	\$40.64	\$0.00	\$3.42	0	0	0.00	\$0.00
Notify local authorities of the need to evacuate local areas	0.00	1.00	0.00	0.00	\$81.28	\$0.00	\$3.42	0	0	0.00	\$0.00
Notify the on-scene coordinator or the National Response Center of a release	0.00	1.00	0.00	0.00	\$81.28	\$0.00	\$3.42	0	0	0.00	\$0.00
Collect information required for an emergency report and write report	0.00	0.00	2.50	0.50	\$171.38	\$0.00	\$0.00	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	35.25	\$3,165.45
Notify Regional Administrator that facility is in compliance with 264.56(h) or 265.56(h) before resuming operations in the affected area (264.56(i) and 265.56(i))											
Read the regulations	0.00	0.25	0.50	0.00	\$51.59	\$0.00	\$0.00	0	0	0.00	\$0.00
Compile information that demonstrates that all affected areas are in compliance with 264.56(h) or 265.56(h)	0.00	0.00	2.50	0.50	\$171.38	\$0.00	\$0.00	0	0	0.00	\$0.00
Prepare and submit notification letter	0.00	0.25	1.50	0.25	\$121.64	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
Prepare an Owner/Operator's Emergency Report (264.56(j) and 265.56(j))											
Read the regulations	0.00	0.25	0.75	0.00	\$67.22	\$0.00	\$0.00	0	0	0.00	\$0.00
Collect information required in the emergency report	0.00	0.00	8.00	0.50	\$515.31	\$0.00	\$0.00	0	0	0.00	\$0.00
Prepare and submit the emergency report	0.00	0.25	4.00	0.50	\$285.50	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	varies	641.25	\$35,474.33

EXHIBIT 3D
GENERAL FACILITY STANDARDS APPLICABLE TO BIFs
CLOSURE REQUIREMENTS
ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

INFORMATION COLLECTION ACTIVITY	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
Closure Plan (264.112(a) and 265.112(a))											
Read the regulations	0.00	0.50	3.00	0.00	\$228.23	\$0.00	\$0.00	44	47	318.50	\$20,768.93
Conduct an inventory of hazardous waste	0.00	0.00	8.00	0.00	\$500.25	\$0.00	\$0.00	0	0	0.00	\$0.00
Record results of inventory	0.00	0.00	2.00	0.50	\$140.12	\$0.00	\$0.00	0	0	0.00	\$0.00
Write descriptions for closure activities	0.00	1.00	20.00	3.00	\$1,422.23	\$0.00	\$0.00	0	0	0.00	\$0.00
Estimate final closure	0.00	0.25	0.25	0.00	\$35.95	\$0.00	\$0.00	0	0	0.00	\$0.00
Write the closure schedule	0.00	0.50	1.00	0.50	\$118.22	\$0.00	\$0.00	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	318.50	\$20,768.93
Notification and Amendment of the Closure Plan (265.112(c))											
Prepare and submit notification of amendment	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$3.42	0	2	3.00	\$187.60
Amend and submit closure plan	0.00	0.00	8.00	1.00	\$530.36	\$0.00	\$3.42	0	2	18.00	\$1,067.56
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	21.00	\$1,255.16
Partial Closure and Final Closure Notification (264.112(d) and 265.112(d))											
Prepare and submit notification of closure	0.00	0.25	0.50	0.25	\$59.11	\$0.00	\$3.42	0	2	2.00	\$125.06
Submit closure plan	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$3.42	0	2	2.00	\$67.06
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	4.00	\$192.12
Extension and Allowances During the Closure Period (264.113(a), 265.113(a), 264.113(b), 265.113(b), 264.113(d), and 265.113(d))											
Prepare and submit demonstration for extension for treatment, storage, or removal of hazardous waste (264/265.113(a))	0.00	4.00	80.00	1.00	\$5,357.75	\$0.00	\$3.42	0	0	0.00	\$0.00
Prepare and submit demonstration for extension of the closure period (264/265.113(b))	0.00	4.00	80.00	1.00	\$5,357.75	\$0.00	\$3.42	0	0	0.00	\$0.00
Prepare and submit demonstration for receiving non-hazardous waste (264/265.113(d))	0.00	4.00	100.00	1.00	\$6,608.39	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
Closure Certification (264.115 and 265.115)											
Have registered engineer inspect the facility	0.00	0.00	1.00	0.00	\$62.53	\$0.00	\$569.79	0	0	0.00	\$0.00
Collect documentation to support certification	0.00	0.00	3.00	2.00	\$247.81	\$0.00	\$0.00	0	0	0.00	\$0.00
Write and submit closure certification	0.00	1.00	1.00	1.00	\$173.92	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	varies	343.50	\$22,216.21

EXHIBIT 3E
GENERAL FACILITY STANDARDS APPLICABLE TO BIFs
FINANCIAL REQUIREMENTS
ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Reading the Regulations											
Read the regulations covering financial responsibility requirements (new)	8.00	2.00	8.00	0.00	\$1,517.52	\$0.00	\$0.00	3	0	54.00	\$4,552.56
Read the regulations covering financial responsibility requirements (existing)	8.00	2.00	8.00	0.00	\$1,517.52	\$0.00	\$0.00	41	47	1,584.00	\$133,541.76
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	1,638.00	\$138,094.32
Financial Responsibility for Corrective Action (264.101)											
Prepare and submit documented assurances of financial responsibility for corrective action	2.00	0.50	5.50	1.00	\$628.35	\$0.00	\$3.42	7	0	63.00	\$4,422.39
Demonstrate, if applicable, that permission denied to implement correction action beyond facility boundary	1.00	0.50	1.25	0.25	\$233.17	\$0.00	\$0.00	1	0	3.00	\$233.17
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	66.00	\$4,655.56
Cost Estimates for Closure Care (264.142 and 265.142)											
Adjust estimate to reflect inflation	0.00	0.00	0.50	0.00	\$31.27	\$0.00	\$0.00	44	47	45.50	\$2,845.57
Amend cost estimate due to closure plan changes	0.00	0.50	6.50	0.50	\$462.15	\$0.00	\$0.00	0	2	15.00	\$924.30
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	60.50	\$3,769.87
Closure Trust Fund (264.143 and 265.143)											
Gather and submit relevant information to issuing institution	0.00	2.00	4.00	2.00	\$472.90	\$0.00	\$3.42	0	0	0.00	\$0.00
Establish a closure trust fund	4.00	1.50	2.00	0.50	\$689.39	\$0.00	\$0.00	0	0	0.00	\$0.00
Submit originally signed duplicate of trust agreement	0.00	0.00	0.00	0.50	\$15.05	\$0.00	\$3.42	0	0	0.00	\$0.00
Submit receipt for first payment under trust agreement (new facilities)	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$3.42	0	0	0.00	\$0.00
Amend trust fund due to changes in closure plan	2.00	1.00	0.75	0.25	\$349.38	\$0.00	\$3.42	0	2	8.00	\$705.60
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	8.00	\$705.60

EXHIBIT 3E
GENERAL FACILITY STANDARDS APPLICABLE TO BIFs
FINANCIAL REQUIREMENTS
ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Surety bond guaranteeing payment into a closure trust fund (264.143(b) and 265.143(b)) or guaranteeing performance of closure care (264.143(c))											
Gather and submit relevant information to issuing institution	0.00	2.00	4.00	2.00	\$472.90	\$0.00	\$3.42	0	0	0.00	\$0.00
Establish surety bond and trust agreement	4.00	1.50	2.00	0.50	\$689.39	\$0.00	\$0.00	0	0	0.00	\$0.00
Submit originally signed duplicates of bond/trust agreement	0.00	0.00	0.00	0.50	\$15.05	\$0.00	\$3.42	0	0	0.00	\$0.00
Submit evidence of alternate financial mechanisms, if bond cancelled	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$3.42	0	0	0.00	\$0.00
Increase penal sum amount, if cost estimate modified	2.25	0.75	1.00	0.00	\$363.88	\$0.00	\$0.00	0	1	4.00	\$363.88
Submit evidence of increase in cost estimate	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$3.42	0	1	1.00	\$33.53
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	5.00	\$397.41
Closure Letter of Credit (264.143(d) and 265.143(c))											
Gather and submit relevant information to issuing institution	0.00	2.00	4.00	2.00	\$472.90	\$0.00	\$3.42	0	0	0.00	\$0.00
Obtain and submit letter of credit from issuing institution	4.00	1.50	2.00	0.50	\$689.39	\$0.00	\$3.42	0	0	0.00	\$0.00
Write and submit letter to accompany letter of credit	1.25	0.25	0.00	0.50	\$168.92	\$0.00	\$3.42	0	0	0.00	\$0.00
Submit originally signed duplicate of the trust agreement	0.00	0.00	0.00	0.50	\$15.05	\$0.00	\$3.42	0	0	0.00	\$0.00
Increase credit amount, if cost estimate modified	0.75	0.50	0.75	0.00	\$167.67	\$0.00	\$0.00	0	1	2.00	\$167.67
Submit evidence of increase in cost estimate	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$3.42	0	1	1.00	\$33.53
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	3.00	\$201.20
Closure Insurance (264.143(e) and 265.143(d))											
Gather and submit relevant information to issuing institution	0.00	2.00	4.00	2.00	\$472.90	\$0.00	\$3.42	0	0	0.00	\$0.00
Establish closure insurance policy	4.00	1.50	2.00	0.50	\$689.39	\$0.00	\$3.42	0	0	0.00	\$0.00
Submit insurance policy certificate to EPA	0.00	0.00	0.00	0.50	\$15.05	\$0.00	\$3.42	0	0	0.00	\$0.00
Submit letter from insurer (for some interim status facilities only)	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$3.42	0	0	0.00	\$0.00
Increase insured amount, if cost estimate modified	2.50	0.50	0.00	0.00	\$307.74	\$0.00	\$0.00	0	1	3.00	\$307.74
Submit evidence of increase in cost estimate	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$3.42	0	1	1.00	\$33.53
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	4.00	\$341.27

EXHIBIT 3E
GENERAL FACILITY STANDARDS APPLICABLE TO BIFs
FINANCIAL REQUIREMENTS
ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Financial Test and Corporate Guarantee for Closure Care (264.143(f) and 265.143(e))											
Write and submit letter signed by chief financial officer	1.00	0.25	2.00	0.75	\$274.80	\$0.00	\$3.42	0	0	0.00	\$0.00
Prepare special report from an independent accountant	0.00	4.00	8.00	2.00	\$885.58	\$0.00	\$3.42	0	0	0.00	\$0.00
Submit copy of public accountant's report and special report	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$3.42	0	0	0.00	\$0.00
Write and submit letter for an extension for submission of documents	0.00	1.00	1.00	1.00	\$173.92	\$0.00	\$3.42	0	0	0.00	\$0.00
Submit updated information annually	0.00	0.00	0.00	4.00	\$120.42	\$0.00	\$3.42	22	24	184.00	\$5,696.64
Write and submit notice of intent to establish other financial assurance, if applicable	3.25	0.25	0.00	0.50	\$382.60	\$0.00	\$3.42	0	1	4.00	\$386.02
Write and submit any additional reports of financial condition	2.25	0.25	1.00	0.50	\$338.29	\$0.00	\$3.42	0	1	4.00	\$341.71
Submit corporate guarantee from parent corporation	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	192.00	\$6,424.37
Use of a Financial Mechanism for Multiple Facilities (264.143(h) and 265.143(g))											
Read the regulations	0.00	0.00	0.50	0.00	\$31.27	\$0.00	\$0.00	0	0	0.00	\$0.00
Submit ID, address, and amount of funds assured by the mechanism	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$3.42	0	0	0.00	\$0.00
If facilities are in more than one Region, submit evidence to all Regions	0.00	0.00	0.00	0.25	\$7.53	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
Coverage for Sudden or Nonsudden Accidental Occurrences (264.147(a) and 265.147(a))											
Prepare, write, and submit a claim notification, if applicable	2.50	1.00	0.00	0.50	\$363.43	\$0.00	\$3.42	0	0	0.00	\$0.00
Prepare, write, and submit notification of reduction of liability coverage amount, if applicable	2.00	1.00	0.50	0.50	\$341.27	\$0.00	\$3.42	1	1	8.00	\$689.38
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	8.00	\$689.38
Liability Insurance (264.147(a) and (b), and 265.147(a) and (b))											
Gather and submit relevant information to issuing institution	0.00	2.00	4.00	2.00	\$472.90	\$0.00	\$3.42	0	0	0.00	\$0.00
Obtain and submit insurance policy documentation	4.00	1.00	2.00	1.00	\$663.80	\$0.00	\$3.42	0	0	0.00	\$0.00
Submit a signed duplicate original of the endorsement or certificate of insurance	0.50	0.25	0.50	0.25	\$112.53	\$0.00	\$3.42	0	0	0.00	\$0.00
If requested, submit a signed duplicate original of the insurance policy	0.00	0.25	0.50	0.25	\$59.11	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00

EXHIBIT 3E
GENERAL FACILITY STANDARDS APPLICABLE TO BIFs
FINANCIAL REQUIREMENTS
ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Variance of financial responsibility regulations (265.147(c))											
Prepare and submit petition for variance	0.50	0.50	0.50	0.00	\$125.32	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
Adjustments by the Regional Administrator (264.147(d) and 265.147(d))											
Submit requested information	0.00	1.00	1.00	0.00	\$143.81	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
Financial Test for Liability Coverage (264.147(f) and 265.147(f))											
Prepare, write, and submit letter signed by chief financial officer	1.00	0.25	2.00	0.75	\$274.80	\$0.00	\$3.42	0	0	0.00	\$0.00
Prepare special report from an independent accountant	0.00	4.00	8.00	2.00	\$885.58	\$0.00	\$0.00	0	0	0.00	\$0.00
Submit copy of public accountant's report and special report	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$3.42	0	0	0.00	\$0.00
Write and submit letter for an extension for submission of documents	0.00	1.00	1.00	1.00	\$173.92	\$0.00	\$3.42	0	0	0.00	\$0.00
Submit updated information annually	0.00	0.00	0.00	4.00	\$120.42	\$0.00	\$3.42	22	24	184.00	\$5,696.64
Submit evidence of insurance obtained for entire liability coverage, if applicable	0.00	0.00	0.00	2.00	\$60.21	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	184.00	\$5,696.64
Guarantee for Liability Coverage (264.147(g) and 265.147(g))											
Obtain and submit written guarantee from parent corporation	0.50	0.50	0.50	0.50	\$140.38	\$0.00	\$3.42	0	0	0.00	\$0.00
Submit letter from guarantor's chief financial officer	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$3.42	0	0	0.00	\$0.00
Submit updated information annually	0.00	0.00	0.00	4.00	\$120.42	\$0.00	\$3.42	22	24	184.00	\$5,696.64
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	184.00	\$5,696.64
Letter of Credit for Liability Coverage (264.147(h) and 265.147(h))											
Gather and submit relevant information to issuing institution	0.00	2.00	4.00	2.00	\$472.90	\$0.00	\$3.42	0	0	0.00	\$0.00
Obtain and submit stand-by letter of credit	4.00	1.00	2.00	1.00	\$663.80	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
Surety Bond for Liability Coverage (264.147(i) and 265.147(i))											
Gather and submit relevant information to issuing institution	0.00	2.00	4.00	2.00	\$472.90	\$0.00	\$3.42	0	0	0.00	\$0.00
Obtain surety bond and submit copy to EPA	4.00	1.00	2.00	1.00	\$663.80	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
Trust Fund for Liability Coverage (264.147(j) and 265.147(j))											
Gather and submit relevant information to issuing institution	0.00	2.00	4.00	2.00	\$472.90	\$0.00	\$3.42	0	0	0.00	\$0.00
Establish trust fund	4.50	1.50	1.00	1.00	\$695.33	\$0.00	\$0.00	0	0	0.00	\$0.00
Submit originally signed duplicate of trust agreement to EPA	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00

EXHIBIT 3E
GENERAL FACILITY STANDARDS APPLICABLE TO BIFs
FINANCIAL REQUIREMENTS
ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Incapacity of Owners or Operators, Guarantors, or Financial Institutions (264.148 and 265.148)											
Submit notice indicating commencement of bankruptcy proceedings	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
Use of State-Required Mechanisms (264.149) and 265.149)											
Submit letter from owner or operator	0.00	0.00	0.00	4.00	\$120.42	\$0.00	\$3.42	0	0	0.00	\$0.00
Submit written evidence of establishment of State-required financial assurance mechanism	0.00	0.00	0.00	2.00	\$60.21	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
State Assumption of Responsibility (264.150 and 265.150)											
Prepare and submit letter from owner or operator	1.00	5.00	2.00	0.50	\$653.35	\$0.00	\$3.42	0	0	0.00	\$0.00
Obtain and submit letter from State describing assumption of responsibility	0.00	0.00	0.00	1.00	\$30.11	\$0.00	\$3.42	0	0	0.00	\$0.00
Prepare and submit any additional information requested by EPA	0.75	0.25	0.75	0.25	\$154.87	\$0.00	\$3.42	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	varies	2,352.50	\$166,672.26

EXHIBIT 3F
GENERAL FACILITY STANDARDS APPLICABLE TO BIFs
CONDITIONS APPLICABLE TO ALL PERMITS
ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Conditions applicable to all permits (270.30(h) and (l))											
Prepare and submit information requested by EPA	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$3.42	13	N/A	19.50	\$1,219.40
Prepare and submit notice of planned physical alterations or additions	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$3.42	2	N/A	3.00	\$187.60
Prepare and submit notice of planned changes or activities which may result in noncompliance	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$3.42	1	N/A	1.50	\$93.80
Prepare and submit letter certifying compliance	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$3.42	1	N/A	1.50	\$93.80
Prepare and submit monitoring reports	0.00	0.25	8.00	0.25	\$528.10	\$0.00	\$3.42	44	N/A	374.00	\$23,386.88
Prepare and submit reports of compliance or noncompliance with compliance schedule	0.00	0.25	2.00	1.00	\$175.49	\$0.00	\$3.42	4	N/A	13.00	\$715.64
Compile and submit information of a release of hazardous waste, a fire, or an explosion within 24 hours	0.00	0.50	8.00	0.50	\$555.95	\$0.00	\$3.42	4	N/A	36.00	\$2,237.48
Prepare and submit notice of noncompliance due to a release, fire, or explosion	0.00	0.50	4.00	0.50	\$305.82	\$0.00	\$3.42	4	N/A	20.00	\$1,236.96
Prepare and submit a report of other noncompliance	0.00	0.50	2.00	0.50	\$180.76	\$0.00	\$3.42	9	N/A	27.00	\$1,657.62
Prepare and submit omitted or corrected information	0.00	0.25	0.50	0.25	\$59.11	\$0.00	\$3.42	4	N/A	4.00	\$250.12
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	N/A	499.50	\$31,079.30

EXHIBIT 4
 SPECIFIC UNIT REQUIREMENTS FOR BIFs
 ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
EXEMPTIONS FROM THE BIF REGULATIONS (266.100 and 266.108)											
Exemptions for metal recovery furnaces (266.100(c))											
Read the regulations	0.00	0.10	0.25	0.00	\$23.76	\$0.00	\$0.00	N/A	21	7.35	\$498.96
Prepare and submit a one-time notice (266.100(c)(1)(i))	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Sample and analyze the hazardous waste and other feedstocks (three times annually) (266.100(c)(1)(ii))	0.00	1.00	12.00	1.00	\$861.77	\$0.00	\$1,282.03	N/A	63	882.00	\$135,059.40
Maintain records to document compliance (three times annually) (266.100(c)(1)(iii))	0.00	0.00	1.00	6.00	\$243.17	\$0.00	\$1.37	N/A	63	441.00	\$15,406.02
Prepare and submit a one-time notice for a lead or nickel-chromium recovery furnace, or a metal recovery furnace that burns baghouse bags used to capture metallic dusts emitted by steel manufacturing (266.100(c)(3))	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Exemptions for smelting, melting, and refining furnaces (266.100(f))											
Read the regulations	0.00	0.10	0.25	0.00	\$23.76	\$0.00	\$0.00	N/A	9	3.15	\$213.84
Prepare and submit a one-time notice (266.100(f)(1))	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$3.42	N/A	2	3.00	\$187.60
Sample and analyze the hazardous waste to document that the waste is burned for recovery of economically significant amounts of precious metals (three times annually) (266.100(f)(2))	0.00	1.00	12.00	1.00	\$861.77	\$0.00	\$1,282.03	N/A	27	378.00	\$57,882.60
Maintain records and documentation (three times annually) (266.100(f)(3))	0.00	0.00	1.00	6.00	\$243.17	\$0.00	\$1.37	N/A	27	189.00	\$6,602.58
Lead Recovery Furnace Exemptions (266.100(h))											
Read the regulations	1.00	1.00	1.00	0.00	\$250.65	\$0.00	\$0.00	N/A	0.0	0.00	\$0.00
Prepare and submit a one-time notice identifying each waste burned, specifying that the receiving lead recovery furnace claims the exemption and demonstrate that the waste complies with 40 CFR Part 266 requirements	0.00	2.00	2.00	1.00	\$317.73	\$0.00	\$3.42	N/A	0.0	0.00	\$0.00
Small Quantity On-Site Burner Exemption (266.108)											
Read the regulations	0.00	0.25	0.50	0.00	\$51.59	\$0.00	\$0.00	N/A	47	35.25	\$2,424.73
Gather and analyze data to determine whether the BIF qualifies for a small quantity burner exemption (three times annually) (266.108(a)-(c))	0.00	1.00	12.00	1.00	\$861.77	\$0.00	\$0.00	N/A	141	1,974.00	\$121,509.57
Prepare and submit one-time notification of qualification for exemption (266.108(d))	0.00	0.25	0.50	0.25	\$59.11	\$0.00	\$3.42	N/A	6	6.00	\$375.18
Maintain records documenting hazardous waste quantity, firing rate, and heating value limits (three times annually) (266.108(e))	0.00	0.00	1.00	6.00	\$243.17	\$0.00	\$1.37	N/A	141	987.00	\$34,480.14
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	4,905.75	\$374,640.62

EXHIBIT 4
 SPECIFIC UNIT REQUIREMENTS FOR BIFs
 ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
PERMIT STANDARDS (266.102 and Appendix IX, sections 2 and 3)											
Monitoring and Inspections (266.102(e)(8) and Appendix IX, sections 2 and 3)											
Read the regulations	0.00	0.10	0.25	0.00	\$23.76	\$0.00	\$0.00	44	N/A	15.40	\$1,045.44
Test the calibration drift, response time, calibration error test procedure, and relative accuracy test procedure; record data; and maintain monitors (Appendix IX, section 2)	0.00	0.00	330.00	0.00	\$20,635.43	\$0.00	\$30,255.83	44	N/A	14,520.00	\$2,239,215.44
Record the onset and duration of the downtime (Appendix IX, sections 2.1.5.2 and 2.2.5.2)	0.00	0.00	2.00	0.00	\$125.06	\$0.00	\$0.00	4	N/A	8.00	\$500.24
Record the continuous emissions monitoring system response (Appendix IX, sections 2.1.6.1.1 and 2.2.6.1.1)	0.00	0.00	0.25	0.00	\$15.63	\$0.00	\$0.00	44	N/A	11.00	\$687.72
Record the time required to reach 95 percent of the final stable value (Appendix IX, sections 2.1.6.2.1, and 2.2.6.2.1)	0.00	0.00	0.25	0.00	\$15.63	\$0.00	\$0.00	44	N/A	11.00	\$687.72
Record the responses of the CEMS (Appendix IX, sections 2.1.6.3.1.2 and 2.2.6.3.1.2)	0.00	0.00	0.25	0.00	\$15.63	\$0.00	\$0.00	44	N/A	11.00	\$687.72
Summarize results on a data sheet (Appendix IX, sections 2.1.6.1.2, 2.1.6.3.2, 2.1.6.4.5, 2.2.6.1.2, and 2.2.6.3.2)	0.00	1.00	4.00	1.00	\$361.51	\$0.00	\$0.00	44	N/A	264.00	\$15,906.44
Report all data from performance test methods (Appendix IX, section 2.1.6.4.3)	0.00	1.00	4.00	1.00	\$361.51	\$0.00	\$3.42	44	N/A	264.00	\$16,056.92
Report the results of the compliance drift, relative accuracy, response time, and calibration error tests (Appendix IX, sections 2.1.8 and 2.2.8)	0.00	1.00	4.00	1.00	\$361.51	\$0.00	\$3.42	44	N/A	264.00	\$16,056.92
Submit request for approval of an alternative relative accuracy procedure (Appendix IX, section 2.1.9.2)	0.00	1.00	8.00	1.00	\$611.64	\$0.00	\$3.42	2	N/A	20.00	\$1,230.12
Develop a quality assurance program to evaluate and monitor CEMS performance (Appendix IX, sections 2.1.10 and 2.2.9)	0.00	1.00	8.00	1.00	\$611.64	\$0.00	\$0.00	3	N/A	30.00	\$1,834.92
Submit demonstration of the adequacy of an alternative calibration procedure (Appendix IX, sections 2.1.10.1 and 2.2.9.1)	0.00	1.00	8.00	1.00	\$611.64	\$0.00	\$3.42	2	N/A	20.00	\$1,230.12
Conduct a quarterly CE test (Appendix IX, sections 2.1.10.3 and 2.2.9.3)	0.00	1.00	8.00	0.00	\$581.53	\$0.00	\$0.00	176	N/A	1,584.00	\$102,349.28
Conduct an annual performance specification test (Appendix IX, sections 2.1.10.4 and 2.2.9.4)	0.00	2.00	16.00	0.00	\$1,163.07	\$0.00	\$0.00	44	N/A	792.00	\$51,175.08
Determine emissions of metals (Appendix IX, section 3.1)	0.00	0.00	0.25	0.00	\$15.63	\$0.00	\$0.00	1,500	N/A	375.00	\$23,445.00
Record data for the metals sampling train (Appendix IX, sections 3.1.5.1.5)	0.00	0.00	0.25	0.00	\$15.63	\$0.00	\$0.00	1,500	N/A	375.00	\$23,445.00
Maintain a laboratory log of all calibrations for metals monitors (Appendix IX, section 3.1.6)	0.00	0.00	0.25	0.00	\$15.63	\$0.00	\$0.00	1,500	N/A	375.00	\$23,445.00

EXHIBIT 4
 SPECIFIC UNIT REQUIREMENTS FOR BIFs
 ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Certification of Precompliance (266.103(b) and Appendix IX, section 9.4)											
Read the regulations	0.00	1.00	2.00	0.00	\$206.34	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Develop and maintain a record of all assumptions and calculations necessary to justify the air pollution control system removal efficiency used (Appendix IX, section 9.4)	0.00	1.00	16.00	1.00	\$1,111.89	\$0.00	\$1.37	N/A	0	0.00	\$0.00
Provide this record, upon request (Appendix IX, section 9.4)	0.00	0.00	0.00	0.50	\$15.05	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Prepare and submit the information required in the certification of precompliance (266.103(b)(1)-(2))	1.00	2.50	62.50	5.00	\$4,368.79	\$0.00	\$23,931.17	N/A	0	0.00	\$0.00
Establish limits on operating conditions and certify that the facility will operate within the limits (266.103(b)(3))	0.00	0.50	8.00	0.50	\$555.95	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Measure and record feed rates and production rates (266.103(b)(5))	0.00	0.00	130.00	0.00	\$8,129.11	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Prepare and submit a public notice (266.103(b)(6))	0.00	0.50	3.00	0.50	\$243.29	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Maintain a BIF correspondence file (266.103(b)(6)(viii)(B))	0.00	1.00	1.00	8.00	\$384.66	\$0.00	\$1.37	N/A	0	0.00	\$0.00
Monitor other operating parameters and maintain records (266.103(b)(7))	0.00	0.00	50.00	3.00	\$3,216.90	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Prepare and submit revised certification of precompliance (266.103(b)(8))	0.50	1.25	31.25	2.50	\$2,184.40	\$0.00	\$11,965.58	N/A	0	0.00	\$0.00
Submit certification of precompliance statement (266.103(b)(9))	0.00	0.50	0.00	0.50	\$55.69	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Certification of Compliance (266.103(c))											
Read the regulations	0.00	1.00	2.00	0.00	\$206.34	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Establish limits on operating conditions (266.103(c)(1))	0.00	0.50	3.00	0.00	\$228.23	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Provide notice of compliance testing (266.103(c)(2))	0.00	1.00	4.00	1.00	\$361.51	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Perform compliance testing (266.103(c)(3))	0.00	0.00	87.50	0.00	\$5,471.52	\$0.00	\$29,913.96	N/A	0	0.00	\$0.00
Provide and submit information in support of using compliance test data from one unit in lieu of testing a similar on-site unit (266.103(c)(3))	0.00	1.00	40.00	5.00	\$2,733.07	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Prepare and submit the information required in the certification of compliance (266.103(c)(4))	0.00	4.00	67.50	4.00	\$4,666.43	\$0.00	\$25,811.47	N/A	0	0.00	\$0.00
Prepare and submit a demonstration that the owner or operator made a good faith effort to operate a heated monitoring system (266.103(c)(5))	0.00	0.50	2.00	0.50	\$180.76	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Prepare and submit a notification that the facility is operating under restricted interim status (266.103(c)(7)(i)(B))	0.00	0.50	1.00	0.50	\$118.22	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Prepare and submit a request for a case-by-case extension (266.103(c)(7)(ii))	0.00	3.00	25.00	2.00	\$1,867.34	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Prepare and submit a notification if operating limits exceed those established under a current certification of compliance (266.103(c)(8)(ii))	0.00	1.00	4.00	1.00	\$361.51	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Perform compliance testing (266.103(c)(8)(iii))	0.00	0.00	67.50	0.00	\$4,220.88	\$0.00	\$23,076.48	N/A	0	0.00	\$0.00
Prepare and submit a revised certification of compliance (266.103(c)(8)(iv))	0.00	1.75	30.00	1.75	\$2,070.87	\$0.00	\$11,452.77	N/A	0	0.00	\$0.00

EXHIBIT 4
 SPECIFIC UNIT REQUIREMENTS FOR BIFs
 ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Periodic Recertifications (266.103(d))											
Read the regulations	0.00	0.50	1.00	0.00	\$103.17	\$0.00	\$0.00	N/A	16	24.00	\$1,650.72
Conduct compliance testing and prepare and submit periodic recertification (266.103(d))	0.00	0.50	24.00	0.50	\$1,556.45	\$0.00	\$8,546.85	N/A	16	400.00	\$161,652.80
Automatic Hazardous Waste Feed Cutoff System (266.103(g))											
Read the regulations	0.00	0.10	0.25	0.00	\$23.76	\$0.00	\$0.00	N/A	47	16.45	\$1,116.72
Monitor and record operating parameters (266.103(g)(2)) (12 times annually)	0.00	0.00	1.00	0.00	\$62.53	\$0.00	\$0.00	N/A	564	564.00	\$35,266.92
Fugitive Emissions (266.103(h))											
Read the regulations	0.00	0.10	0.25	0.00	\$23.76	\$0.00	\$0.00	N/A	5	1.75	\$118.80
Demonstrate that an alternate means of control provides fugitive emissions control equivalent to maintenance of combustion zone pressure lower than atmospheric pressure	0.00	0.50	4.00	0.00	\$290.77	\$0.00	\$0.00	N/A	5	22.50	\$1,453.85
Maintain records supporting a demonstration for an alternate means of fugitive emissions control (266.103(h)(3))	0.00	0.00	0.00	0.50	\$15.05	\$0.00	\$1.37	N/A	5	2.50	\$82.10
Monitoring and Inspections (266.103(j) and Appendix IX, sections 2 and 3)											
Read the regulations	0.00	0.10	0.25	0.00	\$23.76	\$0.00	\$0.00	N/A	47	16.45	\$1,116.72
Test the calibration drift, response time, calibration error test procedure, and relative accuracy test procedure; record data; and maintain monitors (Appendix IX, section 2)	0.00	24.00	330.00	0.00	\$22,586.14	\$0.00	\$0.00	N/A	47	16,638.00	\$1,061,548.58
Record the onset and duration of the downtime (Appendix IX, sections 2.1.5.2 and 2.2.5.2)	0.00	0.00	2.00	0.00	\$125.06	\$0.00	\$0.00	N/A	5	10.00	\$625.30
Record the continuous emissions monitoring system response (Appendix IX, sections 2.1.6.1.1 and 2.2.6.1.1)	0.00	0.00	0.25	0.00	\$15.63	\$0.00	\$0.00	N/A	47	11.75	\$734.61
Record the time required to reach 95 percent of the final stable value (Appendix IX, sections 2.1.6.2.1, and 2.2.6.2.1)	0.00	0.00	0.25	0.00	\$15.63	\$0.00	\$0.00	N/A	47	11.75	\$734.61
Record the responses of the CEMS (Appendix IX, sections 2.1.6.3.1.2 and 2.2.6.3.1.2)	0.00	0.00	0.25	0.00	\$15.63	\$0.00	\$0.00	N/A	47	11.75	\$734.61
Summarize results on a data sheet (Appendix IX, sections 2.1.6.1.2, 2.1.6.3.2, 2.1.6.4.5, 2.2.6.1.2, and 2.2.6.3.2)	0.00	1.00	4.00	1.00	\$361.51	\$0.00	\$0.00	N/A	47	282.00	\$16,990.97
Report all data from performance test methods (Appendix IX, section 2.1.6.4.3)	0.00	1.00	4.00	1.00	\$361.51	\$0.00	\$3.42	N/A	47	282.00	\$17,151.71
Report the results of the compliance drift, relative accuracy, response time, and calibration error tests (Appendix IX, sections 2.1.8 and 2.2.8)	0.00	1.00	4.00	1.00	\$361.51	\$0.00	\$3.42	N/A	47	282.00	\$17,151.71
Submit request for approval of an alternative relative accuracy procedure (Appendix IX, section 2.1.9.2)	0.00	1.00	8.00	1.00	\$611.64	\$0.00	\$3.42	N/A	2	20.00	\$1,230.12

EXHIBIT 5A
PART B PERMIT APPLICATION AND PERMIT MODIFICATION REQUIREMENTS FOR BIFs
GENERAL PART B INFORMATION REQUIREMENTS
ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Legal Review											
Review the completed permit application	100.00	0.00	0.00	0.00	\$10,683.81	\$0.00	\$0.00	N/A	23	2,300.00	\$245,727.63
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	2,300.00	\$245,727.63
General Requirements (270.14(a))											
Read the regulations	1.00	1.00	0.25	0.00	\$203.75	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Prepare and submit the demonstration	1.00	1.00	4.00	0.50	\$453.30	\$0.00	\$3.42	N/A	0	0.00	\$0.00
File a copy of the demonstration at the facility	0.00	0.00	0.00	0.10	\$3.01	\$0.00	\$1.37	N/A	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
General Facility Standards (270.14(b)(1)-(14))											
Read the regulations	0.00	0.50	8.00	0.00	\$540.89	\$0.00	\$0.00	N/A	23	195.50	\$12,440.47
Prepare a written description of the facility	0.00	0.00	15.00	2.00	\$998.19	\$0.00	\$3,418.74	N/A	23	391.00	\$101,589.39
Collect the analytical information required under 270.14(b)(2) and prepare a written report of the analyses conducted	0.00	0.00	40.00	2.00	\$2,561.48	\$0.00	\$13,674.95	N/A	23	966.00	\$373,437.89
Collect the data required in the waste analysis plan	0.00	10.00	90.00	9.00	\$6,711.60	\$0.00	\$4,558.32	N/A	3	327.00	\$33,809.76
Write the waste analysis plan	0.00	10.00	60.00	9.00	\$4,835.65	\$0.00	\$1,139.58	N/A	3	237.00	\$17,925.69
Prepare a description of security procedures and equipment requirements	0.00	0.00	1.50	0.25	\$101.32	\$0.00	\$0.00	N/A	23	40.25	\$2,330.36
Prepare a demonstration for an exemption from the security procedures and equipment requirements	0.00	0.00	0.50	0.50	\$46.32	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Develop an inspection schedule	0.00	8.00	80.00	1.00	\$5,682.87	\$0.00	\$0.00	N/A	3	267.00	\$17,048.61
Prepare demonstration for exemption from special equipment requirements	0.00	0.25	0.50	0.25	\$59.11	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Prepare demonstration for exemption from aisle space requirements	0.00	0.25	0.50	0.25	\$59.11	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Collect the data required in the contingency plan	0.00	0.00	5.00	0.00	\$312.66	\$0.00	\$3,418.74	N/A	3	15.00	\$11,194.20
Write the contingency plan	0.00	4.00	30.00	5.00	\$2,351.60	\$0.00	\$1,139.58	N/A	3	117.00	\$10,473.54
Prepare the description of procedures, structures, or equipment	0.00	2.00	16.00	2.00	\$1,223.28	\$0.00	\$4,558.32	N/A	23	460.00	\$132,976.80
Prepare a description of precautions to prevent accidental ignition or reaction of ignitable, reactive, or incompatible wastes	0.00	1.00	9.00	1.00	\$674.17	\$0.00	\$2,279.16	N/A	9	99.00	\$26,579.97
Prepare description of traffic patterns, volume, and control	0.00	0.10	1.00	0.15	\$75.18	\$0.00	\$0.00	N/A	23	28.75	\$1,729.14
Compile and document the facility location information	0.00	0.00	2.00	0.50	\$140.12	\$0.00	\$0.00	N/A	23	57.50	\$3,222.76
For facilities located in a Part 264, Appendix VI area, prepare demonstration of compliance with the seismic standard	0.00	0.25	1.00	0.75	\$105.43	\$0.00	\$0.00	N/A	0	0.00	\$0.00
For facilities located in a 100-year floodplain, prepare demonstration for exemption from design and operating standards under 264.18(b)	0.00	0.25	4.00	0.75	\$293.03	\$0.00	\$0.00	N/A	6	30.00	\$1,758.18
For facilities located in a 100-year floodplain, prepare engineering analysis and studies	0.00	5.00	44.00	6.00	\$3,338.43	\$0.00	\$13,674.95	N/A	6	330.00	\$102,080.28

EXHIBIT 4
 SPECIFIC UNIT REQUIREMENTS FOR BIFs
 ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Standards to Control Metal Emissions (266.106(f))											
Read the regulations	0.00	0.50	1.00	0.00	\$103.17	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Prepare and submit information in support of an alternative implementation approach, as provided by 266.106(f)	0.00	2.00	30.00	2.00	\$2,098.72	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
Direct Transfer (266.111)											
Read the regulations	0.00	0.50	1.00	0.00	\$103.17	\$0.00	\$0.00	4	5	13.50	\$928.53
Collect data in support of a certification that the installation meets NFPA codes (266.111(d)(2))	0.00	2.00	8.00	1.00	\$692.92	\$0.00	\$0.00	N/A	5	55.00	\$3,464.60
Obtain and keep on file a written certification that the installation meets subject NFPA codes (266.111(d)(2))	0.00	0.25	4.00	0.25	\$277.97	\$0.00	\$3.42	N/A	5	22.50	\$1,406.95
Collect data in support of an assessment that attests to the equipment's integrity (266.111(e)(2))	0.00	2.00	8.00	1.00	\$692.92	\$0.00	\$0.00	N/A	1	11.00	\$692.92
Obtain and keep on file a written assessment that attests to the equipment's integrity (266.111(e)(2))	0.00	0.00	8.00	0.25	\$507.78	\$0.00	\$3.42	N/A	1	8.25	\$511.20
Conduct inspections of equipment and data gathered (266.111(e)(3)(i)-(ii))	0.00	0.00	495.00	0.00	\$30,953.14	\$0.00	\$0.00	4	5	4,455.00	\$278,578.26
Record and maintain inspection data (266.111(e)(3)(iii))	0.00	0.00	165.00	165.00	\$15,285.22	\$0.00	\$1.37	4	5	2,970.00	\$137,579.31
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	7,535.25	\$423,161.77
Regulation of Residues (266.112)											
Read the regulations	0.00	0.50	1.00	0.00	\$103.17	\$0.00	\$0.00	7	10	25.50	\$1,753.89
Demonstrate that the hazardous waste does not significantly affect the residue (266.112(b))											
Cement kilns (52 times annually)	0.00	1.00	12.00	1.00	\$861.77	\$0.00	\$1,282.03	364	364	10,192.00	\$1,560,686.40
Other facilities (12 times annually)	0.00	1.00	12.00	1.00	\$861.77	\$0.00	\$1,282.03	0	36	504.00	\$77,176.80
Analyze F039 nonwastewater for total hexa-, penta-, and tetra p-dioxins and hexa-, penta-, and tetra-chlorodibenzofurans (266.112(b)(2)(1))	0.00	0.00	0.00	0.00	\$0.00	\$0.00	\$170.94	364.00	400.00	0.00	\$130,598.16
For an alternate statistical approach, prepare and maintain supporting rationale that demonstrates sound statistical practice (Appendix IX, section 7.3)	0.00	1.00	4.00	1.00	\$361.51	\$0.00	\$1.37	N/A	1	6.00	\$362.88
Prepare and submit a supporting rationale for an approach for handling nondetect data points (Appendix IX, section 7.4)	0.00	1.00	4.00	1.00	\$361.51	\$0.00	\$3.42	N/A	10	60.00	\$3,649.30
Record and maintain information documenting compliance (266.112(c))											
Cement kilns	0.00	0.00	0.10	0.10	\$9.26	\$0.00	\$1.37	364	364	145.60	\$7,738.64
Other facilities	0.00	0.00	0.10	0.10	\$9.26	\$0.00	\$1.37	0	36	7.20	\$382.68
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	10,940.30	\$1,782,348.75
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	varies	213,229.10	\$27,478,763.00

EXHIBIT 5A
PART B PERMIT APPLICATION AND PERMIT MODIFICATION REQUIREMENTS FOR BIFs
GENERAL PART B INFORMATION REQUIREMENTS
ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Prepare compliance plan and schedule of compliance	0.00	1.00	4.00	1.00	\$361.51	\$0.00	\$0.00	N/A	1	6.00	\$361.51
Prepare outline of personnel training programs and description of training design	0.00	3.00	18.00	3.00	\$1,459.73	\$0.00	\$3,418.74	N/A	3	72.00	\$14,635.41
Write descriptions for the necessary closure activities	0.00	2.00	16.00	2.00	\$1,223.28	\$0.00	\$5,697.90	N/A	3	60.00	\$20,763.54
Estimate final closure	0.00	1.00	8.00	1.00	\$611.64	\$0.00	\$1,937.28	N/A	3	30.00	\$7,646.76
Write the closure schedule	0.00	0.25	1.00	0.00	\$82.85	\$0.00	\$0.00	N/A	3	3.75	\$248.55
Submit the general facility standards information	0.00	0.00	0.00	0.10	\$3.01	\$0.00	\$3.42	N/A	23	2.30	\$147.89
File copies of all required documentation at the facility	0.00	0.00	0.00	0.50	\$15.05	\$0.00	\$0.00	N/A	23	11.50	\$346.15
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	3,746.55	\$892,746.85
FINANCIAL ASSURANCE (270.14(b) (15)-(16))											
Cost Estimates for Closure (264.142)											
Read the regulations	0.00	0.00	1.00	0.00	\$62.53	\$0.00	\$0.00	N/A	3	3.00	\$187.59
Collect data	0.00	0.00	5.00	1.00	\$342.76	\$0.00	\$0.00	N/A	3	18.00	\$1,028.28
Prepare and submit the written cost estimates	0.00	0.00	5.00	2.00	\$372.87	\$0.00	\$3.42	N/A	3	21.00	\$1,128.87
Financial Assurance for Closure Care (264.143)											
Read the regulations	0.00	0.50	0.50	0.00	\$71.91	\$0.00	\$0.00	N/A	3	3.00	\$215.73
Gather and submit relevant information to issuing institution	0.00	2.00	4.00	2.00	\$472.90	\$0.00	\$3.42	N/A	2	16.00	\$952.64
Obtain and submit documentation of financial assurance	0.00	0.00	2.00	1.00	\$155.17	\$0.00	\$3.42	N/A	3	9.00	\$475.77
Coverage for Sudden or Nonsudden Accidental Occurrences (264.147(a) and (b))											
Read the regulations	0.00	0.50	0.50	0.00	\$71.91	\$0.00	\$0.00	N/A	3	3.00	\$215.73
Gather and submit relevant information to issuing institution	0.00	2.00	4.00	2.00	\$472.90	\$0.00	\$3.42	N/A	2	16.00	\$952.64
Obtain and submit documentation of liability coverage	0.00	0.00	2.00	1.00	\$155.17	\$0.00	\$3.42	N/A	3	9.00	\$475.77
Request for Variance (264.147(c))											
Read the regulations	0.00	0.10	0.15	0.00	\$17.51	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Prepare and submit request for variance	2.00	0.50	2.00	1.00	\$409.49	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Adjustments by the Regional Administrator (264.147(d))											
Read the regulations	0.00	0.10	0.15	0.00	\$17.51	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Prepare and submit to EPA any requested information	0.00	0.50	1.00	0.50	\$118.22	\$0.00	\$3.42	N/A	0	0.00	\$0.00

EXHIBIT 5A
PART B PERMIT APPLICATION AND PERMIT MODIFICATION REQUIREMENTS FOR BIFs
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ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

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	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Coverage by a State Financial Mechanism (264.147(b)(18))											
Read the regulations	0.00	0.10	0.15	0.00	\$17.51	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Submit letter from owner or operator	1.00	0.50	1.00	0.50	\$225.06	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Submit written evidence of establishment of State-required financial assurance mechanism or letter from the State describing assumption of responsibility	0.00	0.00	0.50	0.50	\$46.32	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Submit additional information requested by EPA	0.00	0.50	1.00	0.50	\$118.22	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	98.00	\$5,633.02
Topographical Map (270.14(b)(19))											
Read the regulations	0.00	0.00	0.50	0.00	\$31.27	\$0.00	\$0.00	N/A	23	11.50	\$719.21
Collect the necessary information	0.00	0.00	10.00	0.25	\$632.84	\$0.00	\$0.00	N/A	23	235.75	\$14,555.32
Develop and submit the map	0.00	0.00	1.00	0.25	\$70.06	\$0.00	\$26.21	N/A	23	28.75	\$2,214.21
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	276.00	\$17,488.74
Schedules of Compliance (270.33)											
Read the Regulations	0.00	0.25	0.25	0.00	\$35.95	\$0.00	\$0.00	N/A	1	0.50	\$35.95
Develop and submit a schedule of compliance	0.00	0.50	2.00	0.50	\$180.76	\$0.00	\$3.42	N/A	1	3.00	\$184.18
Develop and submit alternative schedule of compliance	0.00	0.50	2.00	0.50	\$180.76	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Develop and submit application for two compliance schedules	0.00	0.50	2.00	0.50	\$180.76	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Document and submit evidence of firm public commitment to cease conducting regulated activities	0.00	0.50	1.00	0.50	\$118.22	\$0.00	\$3.42	N/A	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	3.50	\$220.13
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	varies	6,424.05	\$1,161,816.37

EXHIBIT 5B
PART B PERMIT APPLICATION AND PERMIT MODIFICATION REQUIREMENTS FOR BIFs
SPECIFIC PART B INFORMATION REQUIREMENTS FOR BIFs
ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Fugitive Emissions (266.102(e)(7))											
Read the regulations	0.00	0.10	0.25	0.00	\$23.76	\$0.00	\$0.00	N/A	2	0.70	\$47.52
Prepare and submit information supporting a demonstration for an alternate means of fugitive emissions control	0.00	1.00	4.00	1.00	\$361.51	\$0.00	\$3.42	N/A	2	12.00	\$729.86
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	12.70	\$777.38
Requirements Relating to the Pre-Trial Burn, Trial Burn, and Post-Trial Burn Periods (270.66, 270.22, 266.102, and 266.104-.107)											
Read the regulations	0.00	4.00	8.00	0.00	\$825.37	\$0.00	\$0.00	N/A	23	276.00	\$18,983.51
Prepare and submit a request for an extension of the 720-hour operational period (270.66(b)(1))	0.00	2.00	25.00	3.00	\$1,816.17	\$0.00	\$3.42	N/A	1	30.00	\$1,819.59
Prepare and submit a statement suggesting the conditions necessary to operate in compliance with 266.104 through 266.107 during the pre-trial burn period (270.66(b)(1)(i))	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$3.42	N/A	23	34.50	\$2,157.40
Prepare and submit a statement suggesting the conditions necessary to operate in compliance with 266.104 through 266.107 during the post-trial burn period (270.66(b)(3)(iii))	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$3.42	N/A	23	34.50	\$2,157.40
Prepare and submit a trial burn plan (270.66(c) and 270.22(a))	0.00	25.00	80.00	12.00	\$7,395.79	\$0.00	\$32,000.00	N/A	23	2,691.00	\$906,103.17
Conduct the trial burn (270.66(d)(1), 270.22(a), and 266.104-.107)), prepare and submit a certification (270.66(d)(3)), submit data collected, including analysis and preparation of a trial burn report (270.66(d)(4)), certify all submissions (270.66(d)(5)), and make determinations based on the trial burn (including conducting risk assessments) and prepare report (270.66(f) and 266.104-107)	50.00	120.00	1000.00	40.00	\$78,831.32	\$0.00	\$350,000.00	N/A	21	25,410.00	\$9,005,457.72
If completion of the trial burn conflicts with the date set for submission of the Part B application, contact the Director to establish a later date for submission of the Part B application or trial burn results (270.66(g))	0.00	1.00	1.00	0.50	\$158.86	\$0.00	\$0.00	N/A	2	5.00	\$317.72
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	28,481.00	\$9,936,996.51
WAIVERS FROM THE TRIAL BURN (270.22(a), 266.106, 266.107, 266.109, and 266.110)											
Waiver of the Trial Burn for Boilers Operating Under Special Operating Requirements (270.22(a)(2)(i) and 266.110)											
Read the regulations	0.00	0.50	1.00	0.00	\$103.17	\$0.00	\$0.00	N/A	1	1.50	\$103.17
Prepare and submit documentation that the boiler operates under the special operating requirements provided by 266.110 (270.22(a)(2)(i))	0.00	2.00	20.00	1.00	\$1,443.30	\$0.00	\$3.42	N/A	1	23.00	\$1,446.72
Waiver of the Trial Burn for BIFs Burning Low Risk Waste (270.22(a)(2)(ii) and 266.109)											
Read the regulations	0.00	0.50	1.00	0.00	\$103.17	\$0.00	\$0.00	N/A	5	7.50	\$515.85
Prepare and submit information in support of a waiver of the DRE trial burn (266.109(a)(2) and 270.22(a)(2)(ii))	0.00	2.00	40.00	5.00	\$2,814.35	\$0.00	\$3.42	N/A	5	235.00	\$14,088.85
Waiver of Trial Burn for Metals (270.22(a)(3) and 266.106)											
Read the regulations	0.00	0.50	1.00	0.00	\$103.17	\$0.00	\$0.00	N/A	5	7.50	\$515.85
Prepare and submit information in support of a waiver of the trial burn for metals (270.22(a)(3))	0.00	7.00	55.00	3.00	\$4,098.51	\$0.00	\$3.42	N/A	5	325.00	\$20,509.65
Waiver of the Trial Burn for Particulate Matter											
Read the regulations	0.00	0.50	1.00	0.00	\$103.17	\$0.00	\$0.00	N/A	5	7.50	\$515.85
Prepare and submit the information in support of a waiver of the trial burn for particulate matter (270.22(a)(4))	0.00	7.00	55.00	3.00	\$4,098.51	\$0.00	\$3.42	N/A	5	325.00	\$20,509.65
Waiver of the Trial Burn for HCl and Cl₂ Emissions (270.22(a)(5) and 266.107)											
Read the regulations	0.00	0.50	1.00	0.00	\$103.17	\$0.00	\$0.00	N/A	7	10.50	\$722.19
Prepare and submit information in support of a waiver of the trial burn for HCl and Cl ₂ (270.22(a)(5))	0.00	7.00	55.00	3.00	\$4,098.51	\$0.00	\$3.42	N/A	7	455.00	\$28,713.51

EXHIBIT 5C
PART B PERMIT APPLICATION AND PERMIT MODIFICATION REQUIREMENTS FOR BIFs
PART B MODIFICATION REQUIREMENTS
ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Permit Modifications for BIFs (270.40 - .42)											
Transfer of Permits (270.40(b))											
Read the regulations	0.50	0.10	0.15	0.00	\$70.93	\$0.00	\$0.00	0	N/A	0.00	\$0.00
Prepare and submit the written agreement	1.00	1.00	0.50	0.50	\$234.44	\$0.00	\$3.42	0	N/A	0.00	\$0.00
Permit Modifications at the Request of the Agency (270.41)											
Read the regulations	0.50	0.50	0.50	0.00	\$125.32	\$0.00	\$0.00	4	N/A	6.00	\$501.28
Prepare and submit the Class 2 or 3 permit modification request	1.00	1.00	16.00	2.00	\$1,248.84	\$0.00	\$3.42	4	N/A	80.00	\$5,009.04
Prepare and submit proof of public notice	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$3.42	4	N/A	6.00	\$375.20
File a record of the modification request	0.00	0.00	0.00	0.10	\$3.01	\$0.00	\$3.42	4	N/A	0.40	\$25.72
Permit Modifications at the Request of the Permittee (270.42(a)-(d))											
Read the regulations for Class 1, 2, or 3 permit modifications (270.42(a))	2.00	1.00	1.00	0.00	\$357.49	\$0.00	\$0.00	13	N/A	52.00	\$4,647.37
Prepare and submit the notification under 270.42(a)(i)	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$3.42	13	N/A	19.50	\$1,219.40
Prepare and submit information required under 270.13 through 270.21, 270.62 and 270.63 for Class 1 modifications	1.00	1.00	8.00	2.00	\$748.58	\$0.00	\$3.42	4	N/A	48.00	\$3,008.00
Prepare and submit written notification to the public and appropriate governments	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$3.42	9	N/A	13.50	\$844.20
Prepare and submit the Class 2 or 3 modification request	5.00	15.00	80.00	12.00	\$7,117.19	\$0.00	\$28,489.48	9	N/A	1,008.00	\$320,460.03
Prepare and distribute written notification of the Class 2 or 3 modification request	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$0.00	9	N/A	13.50	\$813.42
Provide for newspaper publication of the notice	0.00	0.00	1.00	0.50	\$77.58	\$0.00	\$0.00	9	N/A	13.50	\$698.22
Prepare and submit proof of public notice	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$3.42	9	N/A	13.50	\$844.20
File a record of the Class 1-3 modification requests	0.00	0.00	0.00	0.10	\$3.01	\$0.00	\$3.42	13	N/A	1.30	\$83.59
Prepare and submit information in support of a request for a classification of a permit modification (270.42(d))	0.00	0.00	2.00	0.00	\$125.06	\$0.00	\$3.42	1	N/A	2.00	\$128.48
Temporary authorizations (270.42(e))											
Read the regulations	0.50	0.10	0.15	0.00	\$70.93	\$0.00	\$0.00	2	N/A	1.69	\$159.59
Prepare and submit temporary authorization request	1.00	0.50	6.00	1.00	\$552.77	\$0.00	\$3.42	2	N/A	19.13	\$1,251.43
Prepare and distribute notification of request	0.00	0.25	1.00	0.25	\$90.38	\$0.00	\$0.00	2	N/A	3.38	\$203.36
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	1,301.40	\$340,272.53
Expiration and Continuation of Permits (270.50 - .51)											
Read the regulations	0.50	0.10	0.15	0.00	\$70.93	\$0.00	\$0.00	0	N/A	0.00	\$0.00
Complete and submit the Part B renewal application	5.00	15.00	80.00	12.00	\$7,117.19	\$0.00	\$58,993.77	0	N/A	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	varies	1,301.40	\$340,272.53

EXHIBIT 6
 OPERATING AND MAINTENANCE COSTS FOR MAINTAINING ALL RECORDS
 ANNUAL ESTIMATED RESPONDENT BURDEN AND COST

INFORMATION COLLECTION ACTIVITY	Hours and Costs Per Respondent or Activity							Number of Respond. or Activities		Total Hours and Costs	
	Legal \$106.84 per hour	Manager \$81.28 per hour	Technical \$62.53 per hour	Clerical \$30.11 per hour	Labor Cost per Activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
Maintaining All Records											
Maintain all records	0.00	0.00	0.00	0.00	\$0.00	\$0.00	\$20.13	44	47	0.00	\$1,831.83
TOTAL	0.00	0.00	0.00	0.00	\$0.00	\$0.00	\$20.13	44	47	0.00	\$1,831.83

EXHIBIT 7
 BIF ICR
 TOTAL RESPONDENT BURDEN AND COST

	Labor Cost per Year	Capital/ Startup Cost	O & M Cost	Total Hours Per Year	Total Cost Per Year
Exhibit 2					
Hazardous Waste Listing Exemptions Applicable to BIFs	\$8,488.43	\$0.00	\$14,707.39	221.25	\$23,195.82
Exhibit 3					
(A) General Facility Operating Requirements	\$2,198,831.21	\$0.00	\$2,908,399.45	39,498.15	\$5,107,230.66
(B) Recordkeeping Requirements	\$592,559.66	\$0.00	\$598.69	13,203.00	\$593,158.35
(C) Contingency Plan and Emergency Procedures	\$35,288.10	\$0.00	\$186.23	641.25	\$35,474.33
(D) Closure Requirements	\$22,188.85	\$0.00	\$27.36	343.50	\$22,216.21
(E) Financial Requirements	\$166,145.58	\$0.00	\$526.68	2,352.50	\$166,672.26
(F) Conditions Applicable to All Permits	\$30,785.18	\$0.00	\$294.12	499.50	\$31,079.30
Exhibit 4					
Specific Unit Requirements for BIFs	\$13,077,866.53	\$8,547,631.82	\$5,853,264.65	213,229.10	\$27,478,763.00
Exhibit 5					
(A) General Part B Information Requirements	\$496,598.21	\$0.00	\$665,218.16	6,424.05	\$1,161,816.37
(B) Specific Part B Information Requirements	\$1,960,169.81	\$0.00	\$8,103,348.29	30,234.85	\$10,063,518.10
(C) Part B Modification Requirements	\$83,650.89	\$0.00	\$256,621.64	1,301.40	\$340,272.53
Exhibit 6					
Operating and Maintenance Costs for Maintaining All Records	\$0.00	\$0.00	\$1,831.83	0.00	\$1,831.83
TOTAL	\$18,672,572.45	\$8,547,631.82	\$17,805,024.48	307,948.55	\$45,025,228.75

EXHIBIT 8
 COMPARABLE/SYNGAS FUEL SPECIFICATION
 ANNUAL ESTIMATED AGENCY BURDEN AND COST

	Hours and Costs Per Agency Activity							Total Hours and Costs		
	Legal \$ 66.38 per hour	Manager \$ 42.13 per hour	Technical \$ 29.94 per hour	Clerical \$ 18.03 per hour	Labor costs per activity	Capital Cost	O & M Cost	Respondents or Activities	Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACT										
Agency Activities										
Review a notice claiming the comparable fuel exclusion, and make a determination (261.38)	0.00	2.00	16.00	0.25	\$567.81	\$0.00	\$3.42	3	54.75	\$1,713.69
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	54.75	\$1,713.69

EXHIBIT 9
GENERAL FACILITY STANDARDS APPLICABLE TO BIFs
ANNUAL ESTIMATED AGENCY BURDEN AND COST

	Hours and Costs Per Agency Activity							Number of Agency Activities		Total Hours and Costs	
	Legal \$ 66.38 per hour	Manager \$ 42.13 per hour	Technical \$ 29.94 per hour	Clerical \$ 18.03 per hour	Labor Costs/ activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
GENERAL FACILITY OPERATING REQUIREMENTS											
Foreign Shipment Import Report											
Review foreign shipment import report	0.00	0.00	1.00	0.00	\$29.94	\$0.00	\$0.00	3	3	6.00	\$179.64
Inspection Schedule											
Review of records during inspections	0.00	0.00	8.00	0.00	\$239.52	\$0.00	\$0.00	44	47	728.00	\$21,796.32
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	734.00	\$21,975.96
RECORDKEEPING REQUIREMENTS											
On-site review of the operating record	0.00	0.00	2.00	0.00	\$59.88	\$0.00	\$0.00	44	47	182.00	\$5,449.08
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	182.00	\$5,449.08
CONTINGENCY PLAN AND EMERGENCY PROCEDURES											
Contingency Plan											
On-site review of the contingency plan	0.00	0.00	0.50	0.00	\$14.97	\$0.00	\$0.00	44	47	45.50	\$1,362.27
Emergency Reporting Requirements											
Review owner/operator's emergency report	0.00	0.00	1.00	0.00	\$29.94	\$0.00	\$0.00	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	45.50	\$1,362.27
CLOSURE REQUIREMENTS											
Review closure plans	0.00	0.00	15.00	0.00	\$449.10	\$0.00	\$0.00	0	0	0.00	\$0.00
Review closure plan amendment notifications	0.00	0.00	2.00	0.00	\$59.88	\$0.00	\$0.00	0	2	4.00	\$119.76
Review partial or final closure notifications and closure plans (interim status facilities)	0.00	0.00	2.00	0.00	\$59.88	\$0.00	\$0.00	0	2	4.00	\$119.76
Review demonstration for extension for treatment, storage, or removal of hazardous waste	0.00	0.00	2.00	0.00	\$59.88	\$0.00	\$0.00	0	0	0.00	\$0.00
Review demonstration for extension of closure period	0.00	0.00	1.00	0.00	\$29.94	\$0.00	\$0.00	0	0	0.00	\$0.00
Review demonstration for receiving non-hazardous waste	0.00	0.00	0.50	0.00	\$14.97	\$0.00	\$0.00	0	0	0.00	\$0.00
Review closure certifications	0.00	0.00	4.00	0.00	\$119.76	\$0.00	\$0.00	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	8.00	\$239.52

EXHIBIT 9
GENERAL FACILITY STANDARDS APPLICABLE TO BIFs
ANNUAL ESTIMATED AGENCY BURDEN AND COST

	Hours and Costs Per Agency Activity							Number of Agency Activities		Total Hours and Costs	
	Legal \$ 66.38 per hour	Manager \$ 42.13 per hour	Technical \$ 29.94 per hour	Clerical \$ 18.03 per hour	Labor Costs/ activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
FINANCIAL REQUIREMENTS											
Review increases in sum amounts, if cost estimate modified, and additional reports of financial conditions	0.00	0.00	8.00	0.00	\$239.52	\$0.00	\$0.00	0	4	32.00	\$958.08
Review new estimates and instruments	0.00	0.00	7.50	0.00	\$224.55	\$0.00	\$0.00	3	0	22.50	\$673.65
Review annual closure cost updates to reflect inflation	0.00	0.00	0.50	0.00	\$14.97	\$0.00	\$0.00	44	47	45.50	\$1,362.27
Review liability claim notifications	1.00	0.00	2.00	0.00	\$126.26	\$0.00	\$0.00	0	0	0.00	\$0.00
Review and approve or deny petition for variance	0.00	0.50	1.00	0.00	\$51.01	\$0.00	\$0.00	0	0	0.00	\$0.00
Review revisions due to plan changes	0.00	0.00	8.00	0.00	\$239.52	\$0.00	\$0.00	0	3	24.00	\$718.56
Review updated financial test and corporate guarantee information	0.00	0.00	8.00	0.00	\$239.52	\$0.00	\$0.00	22	24	368.00	\$11,017.92
Review bankruptcy notifications	1.00	0.00	2.00	0.00	\$126.26	\$0.00	\$0.00	0	0	0.00	\$0.00
Review State assumptions of responsibility/required mechanism documentation	0.00	0.00	2.00	0.00	\$59.88	\$0.00	\$0.00	0	0	0.00	\$0.00
Review corrective action financial assurance	1.00	0.00	8.00	0.00	\$305.90	\$0.00	\$0.00	0	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	492.00	\$14,730.48
CONDITIONS APPLICABLE TO ALL PERMITS											
Review submitted information	0.00	0.25	1.00	0.10	\$42.28	\$0.00	\$0.00	13	N/A	17.55	\$549.64
Review notice of planned physical alterations or additions	0.00	0.00	1.00	0.10	\$31.74	\$0.00	\$0.00	2	N/A	2.20	\$63.48
Review notice of planned changes or activities	0.00	0.25	1.00	0.10	\$42.28	\$0.00	\$0.00	1	N/A	1.35	\$42.28
Review letter certifying compliance	0.00	0.25	1.00	0.10	\$42.28	\$0.00	\$0.00	1	N/A	1.35	\$42.28
Review monitoring reports	0.00	0.00	5.00	0.00	\$149.70	\$0.00	\$0.00	44	N/A	220.00	\$6,586.80
Review reports of compliance or noncompliance	0.00	0.00	3.00	0.10	\$91.62	\$0.00	\$0.00	4	N/A	12.40	\$366.48
Review information concerning a release, fire, or explosion	0.00	0.00	1.00	0.10	\$31.74	\$0.00	\$0.00	4	N/A	4.40	\$126.96
Review notices and reports of noncompliance	0.00	0.00	1.00	0.10	\$31.74	\$0.00	\$0.00	4	N/A	4.40	\$126.96
Review reports of other noncompliance	0.00	0.00	1.00	0.10	\$31.74	\$0.00	\$0.00	9	N/A	9.90	\$285.66
Review corrected information	0.00	0.00	1.00	0.25	\$34.45	\$0.00	\$0.00	4	N/A	5.00	\$137.80
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	278.55	\$8,328.34
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	varies	1,740.05	\$52,085.65

EXHIBIT 10
 SPECIFIC UNIT REQUIREMENTS FOR BIFs
 ANNUAL ESTIMATED AGENCY BURDEN AND COST

	Hours and Costs Per Agency Activity							Number of Agency Activities		Total Hours and Costs	
	Legal \$ 66.38 per hour	Manager \$ 42.13 per hour	Technical \$ 29.94 per hour	Clerical \$ 18.03 per hour	Labor Costs/ activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Review the information required in the certification of precompliance (266.103)(b)(1)-(2))	0.00	3.00	24.00	0.00	\$844.95	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Review limits on operating conditions and certification (266.103)(b)(3))	0.00	1.00	4.00	0.00	\$161.89	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Review evidence of submittal of the public notice (266.103)(b)(6))	0.00	0.00	0.25	0.00	\$7.49	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Review revised certification of precompliance (266.103)(b)(8))	0.00	2.00	16.00	0.00	\$563.30	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Review certification of precompliance statement (266.103)(b)(9))	0.00	0.00	0.25	0.00	\$7.49	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Enter information into a database	0.00	0.00	0.00	2.00	\$36.06	\$0.00	\$0.00	N/A	4	8.00	\$144.24
Certification of Compliance (266.103(c))											
Review limits on operating conditions (266.103(c)(1))	0.00	1.00	4.00	0.00	\$161.89	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Review notice of compliance testing (266.103(c)(2))	0.00	0.00	0.25	0.00	\$7.49	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Review information in support of using compliance test data from one unit in lieu of testing a similar on-site unit (266.103(c)(3)(i))	0.00	2.00	16.00	0.00	\$563.30	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Review the certification of compliance or data from a similar unit submitted in lieu of compliance test data (266.103(c)(4))	0.00	5.00	40.00	0.00	\$1,408.25	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Review the demonstration that the owner or operator made a good faith effort to operate a heated monitoring system (266.103(c)(5))	0.00	0.50	2.00	0.00	\$80.95	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Review the notification that the facility is operating under restricted interim status (266.103(c)(7)(i)(B))	0.00	0.25	1.00	0.00	\$40.47	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Review the request for a case-by-case extension (266.103(c)(7)(ii))	0.00	4.00	16.00	0.00	\$647.56	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Review the notification that operating limits exceed those established (266.103(c)(8)(ii))	0.00	0.25	1.00	0.00	\$40.47	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Review the revised certification of compliance (266.103(c)(8))	0.00	4.00	32.00	0.00	\$1,126.60	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Enter information into a database	0.00	0.00	0.00	2.00	\$36.06	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Periodic Recertifications (266.103(d))											
Review the periodic recertification (266.103(d))	0.00	4.00	32.00	0.00	\$1,126.60	\$0.00	\$0.00	N/A	16	576.00	\$18,025.60
Enter information into a database	0.00	0.00	0.00	2.00	\$36.06	\$0.00	\$0.00	N/A	16	32.00	\$576.96
Fugitive Emissions (266.103(h))											
Review demonstration for an alternate means of fugitive emissions control (266.102(h)(3))	0.00	0.50	2.00	0.00	\$80.95	\$0.00	\$0.00	N/A	5	12.50	\$404.75
Enter information into a database	0.00	0.00	0.00	0.25	\$4.51	\$0.00	\$0.00	0	5	1.25	\$22.55

EXHIBIT 10
 SPECIFIC UNIT REQUIREMENTS FOR BIFs
 ANNUAL ESTIMATED AGENCY BURDEN AND COST

	Hours and Costs Per Agency Activity							Number of Agency Activities		Total Hours and Costs	
	Legal \$ 66.38 per hour	Manager \$ 42.13 per hour	Technical \$ 29.94 per hour	Clerical \$ 18.03 per hour	Labor Costs/ activity	Capital/ Startup Cost	O & M Cost	Permitted	Interim Status	Total Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY											
Interim Status Standards (266.103) (Cont'd)											
Monitoring and Inspections (266.103(j) and Appendix IX, sections 2 and 3)											
Review data from performance test methods (Appendix IX, section 2.1.6.4.3)	0.00	0.50	4.00	0.00	\$140.83	\$0.00	\$0.00	N/A	47	211.50	\$6,619.01
Review results of the compliance drift, relative accuracy, response time, and calibration error tests (Appendix IX, sections 2.1.8 and 2.2.8)	0.00	4.00	24.00	0.00	\$887.08	\$0.00	\$0.00	N/A	47	1,316.00	\$41,692.76
Review request for an alternative relative accuracy procedure (Appendix IX, section 2.1.9.2)	0.00	0.50	4.00	0.00	\$140.83	\$0.00	\$0.00	N/A	2	9.00	\$281.66
Review demonstration that weekly inspections of the hazardous waste feed cutoff system will unduly restrict or upset operations (266.103(j)(3))	0.00	0.25	1.00	0.00	\$40.47	\$0.00	\$0.00	N/A	5	6.25	\$202.35
Enter information into a database	0.00	0.00	0.00	1.00	\$18.03	\$0.00	\$0.00	N/A	101	101.00	\$1,821.03
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	2,276.20	\$69,875.45
Standards to Control Organic Emissions(266.104)											
Review the demonstration for an alternate POHC designation (266.104(a)(2))	0.00	1.00	8.00	0.00	\$281.65	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Enter information into a database	0.00	0.00	0.00	0.25	\$4.51	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
Standards to Control Metal Emissions (266.106(f))											
Review information in support of an alternative implementation approach, as provided by 266.106(f)	0.00	1.00	8.00	0.00	\$281.65	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Enter information into a database	0.00	0.00	0.00	0.25	\$4.51	\$0.00	\$0.00	N/A	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
Regulation of Residues (266.112)											
Review demonstration that the hazardous waste does not significantly affect the residue (266.112(b))	0.00	1.00	8.00	0.00	\$281.65	\$0.00	\$0.00	N/A	10	90.00	\$2,816.50
Enter information into a database	0.00	0.00	0.00	0.25	\$4.51	\$0.00	\$0.00	N/A	10	2.50	\$45.10
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	varies	92.50	\$2,861.60
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	varies	3,919.20	\$120,472.31

EXHIBIT 11A
PART B PERMIT APPLICATIONS AND PERMIT MODIFICATION REQUIREMENTS FOR BIFs
GENERAL PART B INFORMATION REQUIREMENTS
ANNUAL ESTIMATED AGENCY BURDEN AND COST

INFORMATION COLLECTION ACTIVITY	Hours and Costs Per Agency Activity							Total Hours and Costs		
	Legal \$ 66.38 per hour	Manager \$ 42.13 per hour	Technical \$ 29.94 per hour	Clerical \$ 18.03 per hour	Labor Costs/ activity	Capital Cost	O & M Cost	Respondents or Activities	Hours per Year	Total Cost per Year
General Requirements (270.14(a))										
Review and approve demonstrations	0.00	0.25	0.75	0.00	\$32.99	\$0.00	\$0.00	0	0.00	\$0.00
Enter information into a database	0.00	0.00	0.00	0.10	\$1.80	\$0.00	\$0.00	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
General Facility Standards (270.14(b) (1)-(14))										
Review required information	0.00	0.00	40.00	0.00	\$1,197.60	\$0.00	\$0.00	23	920.00	\$27,544.80
Enter information into a database	0.00	0.00	0.00	3.00	\$54.09	\$0.00	\$0.00	23	69.00	\$1,244.07
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	989.00	\$28,788.87
Financial Assurance (270.14(b) (15)-(16))										
Review financial estimates and instruments	4.00	1.00	16.00	0.00	\$786.69	\$0.00	\$0.00	3	63.00	\$2,360.07
Enter information into a database	0.00	0.00	0.00	0.25	\$4.51	\$0.00	\$0.00	3	0.75	\$13.53
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	63.75	\$2,373.60
Topographical Map (270.14(b)(19))										
Review topographical map	0.00	0.00	2.00	0.00	\$59.88	\$0.00	\$0.00	23	46.00	\$1,377.24
Enter information into a data base	0.00	0.00	0.00	0.10	\$1.80	\$0.00	\$0.00	23	2.30	\$41.40
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	48.30	\$1,418.64
Schedule of Compliance (270.33)										
Review schedule of compliance	0.00	0.00	0.00	0.10	\$1.80	\$0.00	\$0.00	1	0.10	\$1.80
Review alternative schedule of compliance	0.00	0.00	0.00	0.10	\$1.80	\$0.00	\$0.00	0	0.00	\$0.00
Review application for two compliance schedules	0.00	0.00	0.00	0.10	\$1.80	\$0.00	\$0.00	0	0.00	\$0.00
Review evidence of firm public commitment to cease conducting regulated activities	0.00	0.00	0.00	0.10	\$1.80	\$0.00	\$0.00	0	0.00	\$0.00
Enter information into a database	0.00	0.00	0.00	0.25	\$4.51	\$0.00	\$0.00	1	0.25	\$4.51
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	0.35	\$6.31
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	1,101.40	\$32,587.42

EXHIBIT 11B
PART B PERMIT APPLICATION AND PERMIT MODIFICATION REQUIREMENTS FOR BIFs
SPECIFIC PART B INFORMATION REQUIREMENTS FOR BIFs
ANNUAL ESTIMATED AGENCY BURDEN AND COST

	Hours and Costs Per Agency Activity							Total Hours and Costs		
	Legal \$ 66.38 per hour	Manager \$ 42.13 per hour	Technical \$ 29.94 per hour	Clerical \$ 18.03 per hour	Labor Costs/ activity	Capital Cost	O & M Cost	Respondents or Activities	Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY										
Waivers of the Trial Burn (270.22(a), 266.106, 266.107, 266.109, and 266.110) (Cont'd)										
Waiver of the Trial Burn for HCl and Cl Emissions (270.22(a)(5) and 266.107)										
Review information in support of a waiver of the trial burn for HCl and Cl (270.22(a)(5))	0.00	1.00	4.00	0.00	\$161.89	\$0.00	\$0.00	7	35.00	\$1,133.23
Enter information into a database	0.00	0.00	0.00	0.50	\$9.02	\$0.00	\$0.00	7	3.50	\$63.14
Data in Lieu of a Trial Burn (270.22(a)(6), 270.66, and 266.103(c)(3))										
Review information in support of using compliance test data in lieu of conducting a trial burn, or of using compliance test or trial burn data for a similar unit in lieu of conducting a trial burn (270.22(a)(6) and 270.66)	0.00	2.00	16.00	0.00	\$563.30	\$0.00	\$0.00	2	36.00	\$1,126.60
Review data submitted in lieu of a trial burn (270.22(a)(6))	0.00	3.00	24.00	0.00	\$844.95	\$0.00	\$0.00	2	54.00	\$1,689.90
Enter information into a database	0.00	0.00	0.00	2.00	\$36.06	\$0.00	\$0.00	4	8.00	\$144.24
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	224.50	\$6,891.67
Alternative HC Limit for Industrial Furnaces with Organic Matter in Raw Materials (270.22(b) and 266.104(f))										
Review information in support of an alternative HC limit, as provided in 266.104(f) and 270.22(b)	0.00	1.00	8.00	0.00	\$281.65	\$0.00	\$0.00	4	36.00	\$1,126.60
Enter information into a database	0.00	0.00	0.00	0.25	\$4.51	\$0.00	\$0.00	4	1.00	\$18.04
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	37.00	\$1,144.64
Alternative Metals Implementation Approach (270.22(c) and 266.106(f))										
Review information in support of an alternative implementation approach, as provided by 270.22(c) and 266.106(f)	0.00	1.00	8.00	0.00	\$281.65	\$0.00	\$0.00	1	9.00	\$281.65
Enter information into a database	0.00	0.00	0.00	0.25	\$4.51	\$0.00	\$0.00	1	0.25	\$4.51
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	9.25	\$286.16
Automatic Waste Feed Cutoff System (270.22(d))										
Review information describing the automatic waste feed cutoff system (270.22(d))	0.00	0.50	2.00	0.00	\$80.95	\$0.00	\$0.00	23	57.50	\$1,861.85
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	57.50	\$1,861.85
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	3,274.75	\$98,977.19

EXHIBIT 11B
PART B PERMIT APPLICATION AND PERMIT MODIFICATION REQUIREMENTS FOR BIFs
SPECIFIC PART B INFORMATION REQUIREMENTS FOR BIFs
ANNUAL ESTIMATED AGENCY BURDEN AND COST

	Hours and Costs Per Agency Activity							Total Hours and Costs		
	Legal \$ 66.38 per hour	Manager \$ 42.13 per hour	Technical \$ 29.94 per hour	Clerical \$ 18.03 per hour	Labor Costs/ activity	Capital Cost	O & M Cost	Respondents or Activities	Hours per Year	Total Cost per Year
INFORMATION COLLECTION ACTIVITY										
Fugitive Emissions (266.102(e)(7))										
Review information supporting a demonstration for an alternate means of fugitive emissions control (266.102(e)(7)(i)(C))	0.00	0.50	2.00	0.00	\$80.95	\$0.00	\$0.00	2	5.00	\$161.90
Enter information into a database	0.00	0.00	0.00	0.25	\$4.51	\$0.00	\$0.00	2	0.50	\$9.02
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	5.50	\$170.92
Part B Information Requirements for the Pre-Trial Burn, Trial Burn, and Post-Trial Burn Periods (270.66, 270.22, 266.102, and 266.104-.107)										
Review request for an extension of the 720-hour operational period (270.66(b)(1))	0.00	0.50	2.00	0.00	\$80.95	\$0.00	\$0.00	1	2.50	\$80.95
Review statement suggesting the conditions necessary to operate in compliance with 266.104 through 266.107 during the pre-trial burn period (270.66(b)(1)(i))	0.00	0.50	2.00	0.00	\$80.95	\$0.00	\$0.00	23	57.50	\$1,861.85
Review statement suggesting the conditions necessary to operate in compliance with 266.104 through 266.107 during the post-trial burn period (270.66(b)(3)(ii))	0.00	0.50	2.00	0.00	\$80.95	\$0.00	\$0.00	23	57.50	\$1,861.85
Review the trial burn plan (270.66(c) and 270.22(a))	0.00	5.00	40.00	0.00	\$1,408.25	\$0.00	\$0.00	23	1,035.00	\$32,389.75
Review certification that the trial burn has been carried out in accordance with the approved plan, and review results of all determinations (270.66(d)(3))	0.00	5.00	40.00	0.00	\$1,408.25	\$0.00	\$0.00	21	945.00	\$29,573.25
Review data collected during any trial burn (270.66(d)(4))	0.00	3.00	24.00	0.00	\$844.95	\$0.00	\$0.00	21	567.00	\$17,743.95
Review certification of submissions (270.66(d)(5))	0.00	0.00	0.50	0.00	\$14.97	\$0.00	\$0.00	21	10.50	\$314.37
Enter information into a database	0.00	0.00	0.00	2.00	\$36.06	\$0.00	\$0.00	133	266.00	\$4,795.98
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	2,941.00	\$88,621.95
Waivers of the Trial Burn (270.22(a), 266.106, 266.107, 266.109, and 266.110)										
Waiver of the Trial Burn for Boilers Operating Under Special Operating Requirements (270.22(a)(2)(i) and 266.110)										
Review documentation that the boiler operates under the special operating requirements provided by 266.110 (270.22(a)(2)(i))	0.00	1.00	4.00	0.00	\$161.89	\$0.00	\$0.00	1	5.00	\$161.89
Enter information into a database	0.00	0.00	0.00	0.50	\$9.02	\$0.00	\$0.00	1	0.50	\$9.02
Waiver of the Trial Burn for BIFs Burning Low Risk Waste (270.22(a)(2)(ii) and 266.109)										
Review information in support of a waiver of the DRE trial burn (266.109(a)(2) and 270.22(a)(2)(ii))	0.00	1.00	4.00	0.00	\$161.89	\$0.00	\$0.00	5	25.00	\$809.45
Enter information into a database	0.00	0.00	0.00	0.50	\$9.02	\$0.00	\$0.00	5	2.50	\$45.10
Waiver of Trial Burn for Metals (270.22(a)(3) and 266.106)										
Review information in support of a waiver of the trial burn for metals (270.22(a)(3))	0.00	1.00	4.00	0.00	\$161.89	\$0.00	\$0.00	5	25.00	\$809.45
Enter information into a database	0.00	0.00	0.00	0.50	\$9.02	\$0.00	\$0.00	5	2.50	\$45.10
Waiver of the Trial Burn for Particulate Matter (270.22(a)(4) and 266.105)										
Review information in support of a waiver of the trial burn for particulate matter (270.22(a)(3))	0.00	1.00	4.00	0.00	\$161.89	\$0.00	\$0.00	5	25.00	\$809.45
Enter information into a database	0.00	0.00	0.00	0.50	\$9.02	\$0.00	\$0.00	5	2.50	\$45.10

EXHIBIT 11C
PART B PERMIT APPLICATION AND PERMIT MODIFICATION REQUIREMENTS FOR BIFs
PART B MODIFICATION REQUIREMENTS
ANNUAL ESTIMATED AGENCY BURDEN AND COST

INFORMATION COLLECTION ACTIVITY	Hours and Costs Per Agency Activity							Total Hours and Costs		
	Legal \$ 66.38 per hour	Manager \$ 42.13 per hour	Technical \$ 29.94 per hour	Clerical \$ 18.03 per hour	Labor Costs/ activity	Capital Cost	O & M Cost	Respondents or Activities	Hours per Year	Total Cost per Year
Permit Modifications (270.40 - .42)										
Transfer of Permits (270.40(b))										
Review written agreements	1.00	0.50	1.00	0.00	\$117.39	\$0.00	\$0.00	0	0.00	\$0.00
Enter information into a database	0.00	0.00	0.00	0.10	\$1.80	\$0.00	\$0.00	0	0.00	\$0.00
Permit Modifications at the Request of the Agency (270.41)										
Review the modification	20.00	1.00	40.00	0.00	\$2,567.33	\$0.00	\$0.00	4	244.00	\$10,269.32
Review the proof of public notice	0.00	0.25	1.00	0.00	\$40.47	\$0.00	\$0.00	4	5.00	\$161.88
Enter information into a database	0.00	0.00	0.00	0.10	\$1.80	\$0.00	\$0.00	8	0.80	\$14.40
Permit Modifications at the Request of the Permittee (270.42(a)-(d))										
Review the Class 1 modification	0.00	0.25	1.00	0.00	\$40.47	\$0.00	\$0.00	4	5.00	\$161.88
Review the Class 2 or Class 3 modification	20.00	1.00	40.00	0.00	\$2,567.33	\$0.00	\$0.00	9	549.00	\$23,105.97
Review the proof of public notice	0.00	0.25	1.00	0.00	\$40.47	\$0.00	\$0.00	9	11.25	\$364.23
Enter information into a database	0.00	0.00	0.00	0.10	\$1.80	\$0.00	\$0.00	22	2.20	\$39.60
Review information submitted in support of a request for a modification classification, and make a determination (270.42(d))	0.00	0.25	1.00	0.00	\$40.47	\$0.00	\$0.00	1	1.25	\$40.47
Temporary Authorizations (270.42(e))										
Review temporary authorization requests	0.00	1.00	6.00	0.00	\$221.77	\$0.00	\$0.00	2	15.75	\$498.98
Enter information into a database	0.00	0.00	0.00	0.10	\$1.80	\$0.00	\$0.00	2	0.23	\$4.05
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	834.48	\$34,660.78
Expiration and Continuation of Permits (270.50 - 270.51)										
Review the permit application	0.00	1.00	20.00	0.00	\$640.93	\$0.00	\$0.00	0	0.00	\$0.00
Enter information into a database	0.00	0.00	0.00	0.10	\$1.80	\$0.00	\$0.00	0	0.00	\$0.00
Subtotal	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	834.48	\$34,660.78

EXHIBIT 12
 BIF ICR
 TOTAL AGENCY BURDEN AND COST

	Labor Cost per Year	Capital/ Startup Cost	O & M Cost	Total Hours Per Year	Total Cost Per Year
Exhibit 8					
Comparable Fuel/Syngas Exemption	\$1,703.43	\$0.00	\$10.26	55	\$1,713.69
Exhibit 9					
(A) General Facility Operating Requirements	\$21,975.96	varies	varies	734	\$21,975.96
(B) Recordkeeping Requirements	\$5,449.08	varies	varies	182	\$5,449.08
(C) Contingency Plan and Emergency Procedures	\$1,362.27	\$0.00	\$0.00	46	\$1,362.27
(D) Closure Requirements	\$239.52	\$0.00	\$0.00	8	\$239.52
(E) Financial Requirements	\$14,730.48	\$0.00	\$0.00	492	\$14,730.48
(F) Conditions Applicable to All Permits	\$8,328.34	\$0.00	\$0.00	279	\$8,328.34
Exhibit 10					
Specific Unit Requirements for BIFs	\$120,472.31	\$0.00	\$0.00	3,919	\$120,472.31
Exhibit 11					
(A) General Part B Information Requirements	\$32,587.42	\$0.00	\$0.00	1,101	\$32,587.42
(B) Specific Part B Information Requirements	\$98,977.19	\$0.00	\$0.00	3,275	\$98,977.19
(C) Part B Modification Requirements	\$34,660.78	\$0.00	\$0.00	834	\$34,660.78
TOTAL	\$340,486.78	\$0.00	\$10.26	10,925	\$340,497.04

6(e) BOTTOM LINE BURDEN HOURS AND COST TABLES

(i) Respondent Tally

The annual burden to respondents under the RCRA requirements applicable to BIFs is estimated to be 307,949 hours, with a cost of \$45,025,229. Over three years, the bottom line burden to respondents is 923,847 hours, at a cost of \$135,075,687.

(ii) Agency Tally

The annual burden to the Agency under the BIF requirements is estimated to be 10,925 hours, at a cost of \$340,497. Over three years, the bottom line burden to the Agency is 32,775 hours, at a cost of \$1,021,491.

6(f) REASONS FOR CHANGE IN BURDEN

The previously approved BIF ICR, #1361.08, estimated an annual respondent burden of 316,892 hours. This current ICR, #1361.09, estimates an annual respondent burden of 307,949 hours, which is a decrease of 8,943 hours. The respondent burden hours have decreased in this ICR only because of an adjustment in EPA's universe estimates of BIF facilities.

EPA updated the universe estimates in this ICR based on data recently obtained from the EPA Regions. These data indicate that the total respondent universe consists of 44 facilities with permitted BIFs and 47 facilities with interim status BIFs (for a total of 91 facilities). These estimates have been incorporated into this ICR. The respondent universe in ICR #1361.08 consisted of 28 permitted facilities and 64 interim status facilities (for a total of 92 facilities). Most of the universe estimates in ICR #1361.08 were based on data obtained in 1996, and hence, were out-dated.

In addition, EPA also has updated other BIF universe estimates in this ICR, as appropriate, based on the Regional data (e.g., number of interim-status BIF facilities seeking a Part B permit each year).

These universe changes have resulted in a burden reduction of 8,943 hours.

6(g) BURDEN STATEMENT

The average reporting and recordkeeping burden for interim status facilities is approximately 573 hours and 2,498 hours per year, respectively. The average reporting and recordkeeping burden for permitted facilities is approximately 498 hours and 2,706 hours per year, respectively. These estimates include time for complying with requirements associated with general facility standards, recordkeeping, contingency plan and emergency procedures, closure, financial assurance, and conditions applicable to all permits; specific unit requirements for BIFs.

The average reporting and recordkeeping burden for interim status facilities seeking an initial Part B permit is approximately 1,779 hours and 2,516 hours per year, respectively. The average reporting and recordkeeping burden for new facilities seeking an initial Part B permit is approximately 1,704 hours and 2,724 hours, respectively. These estimates include time for complying with requirements associated with general facility standards, recordkeeping, contingency plan and emergency procedures, closure, financial assurance, and conditions applicable to all permits; specific unit requirements for BIFs; and requirements for preparing and submitting a Part B permit application.

Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB control numbers for EPA's regulations are listed in 40 CFR Part 9 and 48 CFR Chapter 1.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondents burden including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, 725 17th Street, N.W., Washington, D.C., 20503, Attention: Desk Officer for EPA. Include the EPA ICR No. and OMB Control No. in any correspondence.