

SEP 22 1998

DL-092298-01.pdf

Bruce A. Hanson
Radiation Safety Officer
PSI Energy, Inc.
1000 East Main Street
Plainfield, IN 46168

Dear Mr. Hanson:

Enclosed is Amendment No. 04 to your NRC Material License No. 13-15544-06 in accordance with your request. Please note that the changes made to your license are printed in **bold font**.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

In addition to your request for an amendment, please note the following additional changes to your NRC license: (1) license conditions Nos. 10, and 11 were modified; (2) license condition Nos 14 and 16 were deleted; (3) license condition No. 17 was deleted since the same requirement is stated in 10 CFR 30.35(g) which you must comply and (4) license condition No. 13 was added to allow license material to be removed from storage, if necessary, for the purpose of inventory as required by 10 CFR 34.29.

Please be advised that your license expires at the end of the day, in the month, and year stated in the license. Unless your license has been terminated, you must conduct your program involving byproduct materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify NRC, in writing, within 30 days:
 - a. When the Radiation Safety Officer permanently discontinues performance of duties under the license or has a name change; or
 - b. When the mailing address listed on the license changes. (No fee is required if the location of byproduct material remains the same.)
3. In accordance with 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license when a decision is made to terminate all activities involving materials authorized under the license.
4. Request and obtain a license amendment before you:
 - a. Change Radiation Safety Officers;
 - b. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;

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B. A. Hanson

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- c. Add or change the areas of use or address or addresses of use identified in the license application or on the license; or
 - d. Change ownership of your organization.
5. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations. A license will not normally be renewed, except on a case-by-case basis, in instances where licensed material has never been possessed or used.

In addition, please note that NRC Form 313 requires the applicant, by his/her signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Statement of Policy and Procedure for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

Sincerely,

Original signed by
James R. Mullauer, M.H.S.
Health Physicist
Materials Licensing Branch

License No. 13-15544-06
Docket No. 030-29565

Enclosure: Amendment No. 04

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	DNMSYRII		DNMS/RIII				
NAME	J Mullauer						
DATE	9/13/98						

OFFICIAL RECORD COPY



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351
September 3, 1998

Bruce A. Hanson, Chief
Radiation Safety Officer
PSI Energy Incorporated
1000 East Main Street
Plainfield, IN 46168

SUBJECT: ACKNOWLEDGEMENT OF CORRESPONDENCE
(Application & Letter Dated 08/31/98)

Dear Licensee:

In response to your request, we have completed the initial processing, which is an administrative review of your application for a(n):

☐ New License ☒ Amendment ☐ Renewal
☐ Termination ☐ Auth User (Amendment not required)
☐ Other _____

No administrative deficiencies were identified during this initial review. However, it should be noted that a technical review may identify omissions in the submitted information.

It appears that your request is routine (see 1-3 below, as applicable).

1. New and amendment actions are normally completed within 90 days, unless we find major deficiencies, or policy issues requiring central program office assistance.
2. Renewal actions are normally completed within 180 days, however, under timely filing (before expiration), you may continue to operate under your existing license.
3. Termination actions are normally completed within 90 days, unless confirmatory surveys following decontamination/decommissioning activities are involved.

A copy of your correspondence has been forwarded to our Licensing Fee and Debt Collection Branch (301/415-6097) for approval of the fee category and amount, if required.

We will try to complete your request as soon as practicable. Any correspondence about this request should reference the control number. Please direct any questions concerning your request to the Materials Licensing Branch at (630) 829-9887.

Materials Licensing Branch

Mail Control No. 304378
License No. 13-15544-06

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

304378

Licensee 1. PSI Energy, Inc. 2. 1000 East Main Street Plainfield, IN 46168	In accordance with application dated August 31, 1998, 3. License number 13-15544-06 is amended in its entirety to read: 4. Expiration date April 30, 2002 5. Object No. 030-29565 Reference No.
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|--|---|--|
| 6. Byproduct, source, and/or special nuclear material

A. Iridium-192

B. Cobalt-60

C. Cesium-137

D. Uranium depleted in uranium-235 | 7. Chemical and/or physical form

A. Sealed sources (Amersham Corporation Model No. M24-9)
B. Sealed sources (Amersham Corporation Model No. M24-11)
C. Sealed sources (Amersham Corporation Model No. 77302)
D. Solid Metal | 8. Maximum amount that licensee may possess at any one time under this license

A. Not to exceed 100 curies per source

B. Two sources not to exceed 300 curies each

C. Three sources not to exceed 165 millicuries each

D. Not to exceed 999 kilograms total possession limit |
|--|---|--|

9. Authorized Use:

- A. For storage only in Amersham Corporation Models 660A or 660B exposure devices and/or Amersham Corporation Model 650L source changers.
- B. For storage only in Amersham Corporation Models 680A and 680B exposures devices and/or, Amersham Corporation Models 770 or 771 source changers.
- C. For storage only in Amersham Corporation Model 773 Instrument calibrator.
- D. For shielding in radiographic exposure equipment.

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
13-15544-08Docket or Reference Number
030-29565

Amendment No. 03

CONDITIONS

10. Licensed material shall be stored at 5152 Darwin Road West Terre Haute, Indiana
11. Licensed material shall remain under the control of Bruce A. Hanson.
12. The Radiation Safety Officer for the activities authorized by this license is Bruce A. Hanson
13. Licensed material may be removed from storage for the purpose of performing quarterly inventories as required by 10 CFR 34.29.
14. A. Notwithstanding the periodic leak test required by Section 34.25(a) of 10 CFR Part 34, such requirement does not apply to radiography sources that are stored and not being used. The sources excepted from this test shall be tested for leakage before use or transfer to another person.
- B. Sealed sources authorized for a use other than radiography shall be tested as radiography sources in accordance with Section 34.25 of 10 CFR Part 34.
15. Sealed sources containing licensed material shall not be opened.
16. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated December 20, 1991, August 31, 1998, and
- B. Letters dated March 18, 1992, April 8, 1992, and June 24, 1996

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date SEP 22 8By James R. Mullauer
James R. Mullauer, M.H.S.
Materials Licensing Branch
Region III

COPY

BETWEEN:

License Fee Management Branch ASB
Regional Licensing Sections

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: PSI ENERGY INCORPORATED
Received Date: 9/30/93
Document No.: 3029565
Control No.: 304079
License No.: 13-15544-1
Action Type: Amendment

2. FEE ATTACHED

Amount: 680
Check No. 0001946

3. COMMENTS

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount

2. Correct Fee Paid. Application may be processed if:

Amendment
Renewal
License

3. OTHER

"Storage category"

SEP 22 1993

RL III

Log	TYPE III
Remitter	
Check No.	1890
Amount	680 \$340 Refunded
Fee Category	31 38
Type of Fee	ADD
Date Check Rec'd	9/13/98
Date Completed	9/13/98
By	

9/16/98 Called
Mr. Hamilton
to inform him of the
license fee
He was not
9/17/98
with Hamilton
Friday

NRC FORM 313

(10-84)
10 CFR 30, 32, 33
34, 35, 36, 39 and 40

U. S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB NO 3150-0120
EXPIRES 6-30-86

APPLICATION FOR MATERIAL LICENSE

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST 9 HOURS. SUBMITTAL OF THE APPLICATION IS NECESSARY TO DETERMINE THAT THE APPLICANT IS QUALIFIED AND THAT ADEQUATE PROCEDURES EXIST TO PROTECT THE PUBLIC HEALTH AND SAFETY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-8 F33), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS

IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND,
MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA,
RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO
RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,
SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION II
101 MARIETTA STREET, NW, SUITE 2900
ATLANTA, GA 30323-0199

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN,
SEND APPLICATIONS TO:

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
801 WARRENVILLE RD
Lisle, IL 60532-4351

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS,
LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA,
OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH,
WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8084

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item):

- ☐ A. NEW LICENSE
☒ B. AMENDMENT TO LICENSE NUMBER 13-15544-06
☐ C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip code):

PSI Energy, Inc.
1000 East Main St.
Plainfield, IN 46168

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED:

Licensed material will be stored in our storage vault
located at 5152 Darwin Road, West Terre Haute, IN
47885

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION:

Bruce A. Hanson

TELEPHONE NUMBER
812 538-2024

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time.	6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED
7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE	8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS
9. FACILITIES AND EQUIPMENT	10. RADIATION SAFETY PROGRAM
11. WASTE MANAGEMENT	12. LICENSEE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY <u>3-0</u> AMOUNT ENCLOSED \$ <u>680.00</u>
13. CERTIFICATION (Must be completed by applicant). THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39 AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 (62 STAT. 749) MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.	

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

Bruce A. Hanson, RSO

SIGNATURE

Bruce A. Hanson R.S.O.

DATE

8/31/98

FOR NRC USE ONLY RECEIVED

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

SEP 03 1998

REGION III

304378

CINERGY SERVICES, INC.

PNC BANK, OHIO, N.A.
MILFORD, OHIO

AA905 AND 30
Sept 8 III

DATE 08/28/98
CHECK NO. 00018900

SEP-
1998

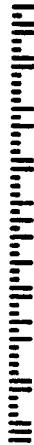
PAY Six hundred eighty and 00/100 Dollars

TO THE ORDER OF NUCLEAR REGULATORY COMMISSION MATERIALS LICENSE SECTION

801 WARRENSVILLE RD
LISLE IL60532-4351

CINERGY SERVICES, INC.
CINCINNATI, OHIO

*****\$680.00



PAY FOR THE ACCOUNT OF:

⑈00018900⑈ ⑆04220204⑆ 4009935310⑈

Doyle
AUTHORIZED SIGNATURE

304378