## **Preliminary MACT Floor Analyses for Wood and Non-Fossil, and Coal Boilers**

## **History:**

• At the June Boiler WG meeting, EPA presented a preliminary MACT floor analysis for each of the fossil, wood, and non-fossil subcategories.

## **Current Status:**

- The following sections contain preliminary MACT floor analyses for each of the boiler subcategories. The analyses are based on the control device rankings posted as a work in progress.
- This preliminary analysis is based on control device technology rankings. A more rigorous analysis will need to be performed on control techniques to establish a floor based on this methodology. MACT floor analyses based on emissions and State regulations will be completed in the near future.

## **Notes:**

- If a boiler is controlled by multiple devices, the boiler was counted with the higher ranked control device.
- The control device hierarchy was developed based on the control technology rankings posted as a work in progress. If a control combination and a single control had the same ranking, the control combination was assumed to more effectively control HAP emissions. If two or more single control devices had the same ranking, information from Table I-2 of the control ranking work in progress was used to distinguish the better control (e.g., if one of the controls within a control group was ranked lower than the others in that group, the overall ranking of that group was lowered when developing the hierarchy). If that method did not help to differentiate two or more equally ranked controls, the overall control efficiencies across the other HAP groups (organics, mercury, inorganics, and metals) was analyzed to determine the higher ranked control.
- The fossil fuel preliminary MACT floor analysis was based on version 3.0 of the ICCR inventory database. A preliminary MACT floor analysis was done for each of the 17 fossil fuel subcategories. The percentage of boilers in a subcategory with a particular control device was based on the number of boilers with control information. There are boilers in the inventory database that have no data to specify whether they are controlled or uncontrolled. Therefore, there may be a larger number of boilers in the subcategory, but the more conservative approach of using only the known population was chosen.

This analysis did not include any boilers co-firing non-fossil materials with fossil fuels. It should be noted that preliminary MACT floor analyses have also been performed for petroleum coke boilers (unknown boiler type), subbituminous coal boilers (unknown boiler type), and other fossil fuel units. These three boiler groups are not listed as subcategories in the work in progress on subcategories, but are included in this analysis because the boilers in these groups do not fit into the other defined subcategories.

- The wood preliminary MACT floor analyses were developed from the ICR survey version 2.0 database using boilers burning >50% wood in combination with fossil fuels. No boilers co-firing non-fossil materials with wood were included in this analysis.
- The Section 112 non-fossil fuel preliminary MACT floor analysis was based on the ICR survey version 2.0 database and the ICCR inventory version 3.0 database. The only data used from the inventory database was for bagasse boilers because bagasse boilers are not fully represented in the survey database. The potential Section 112 and Section 129 designations were based on preliminary guidance from EPA staff and these analyses assume no de minimis level for potential Section 129 materials. The potential Section 129 non-fossil preliminary MACT floor analysis was based on the survey database and includes all boilers burning any percentage of non-fossil fuels preliminarily identified as Section 129 materials. These potential Section 129 boilers were divided into liquid-fired and solid-fired units. If a boiler burns both liquid and solid potential Section 129 fuels, it is classified as a solid-fired boiler.

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Pulverized Coal or Cyclone Boilers Burning	0.00%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
,		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Petroleum Coke Fuel <sup>1</sup>	0.00%	Filter	0.00%	Filter	0.00%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
7 1	0.00%	Des Lais etia e/Estada Ettada	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.000/	D Inite stine /E-their Eilter
7 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/Acid Gas			0.00%	Dry Injection/Fabric Filter Cyclone/ESP/Acid Gas
7 boilers with control information	0.00%	Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
/ bollers with control information	0.00%	Cyclone/ESP/Venturi or	0.00%	Scrubber			0.00%	Scrubber
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.0070	Cyclone/ESP/Acid Gas	0.0070	Acid Gas Scrubbel/Est			0.0070	Acid Gas Scrubber/Est
	0.00%	Scrubber Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
		Cyclone/Venturi or						
	0.00%	Scrubber General	0.00%	Dry Injection				
	0.0004	**	0.000/	Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General Cyclone/Venturi or				
	0.000/	Coolers /A old Coo Combber	0.00%	Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone/Gas Absorber Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
		Dry Injection	0.00,0					

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		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Pulverized Coal or Cyclone Units Burning	0.00%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Anthracite Coal	0.00%	Filter	0.00%	Filter	0.00%	GCP	0.00%	Filter
	1.79%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			1.79%	Wet Injection/Fabric Filter
07.1 7	0.000/	D I : .: /E   : E'I.	0.000/	Cyclone/ESP/Acid Gas			0.000/	D I
97 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Scrubber Cyclone/Acid Gas			0.00%	Dry Injection/Fabric Filter Cyclone/ESP/Acid Gas
561-11	1.700/	Fabric Filter	0.000/	,			0.000/	,
56 boilers with control information		Cyclone/ESP/Venturi or	0.00%	Scrubber			0.00%	Scrubber
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
		Cyclone/ESP/Acid Gas	0.00%	Acid Gas Scrubbel/ESP			0.00%	Acid Gas Scrubbel/ESP
		Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
								Cyclone/Acid Gas
	0.00%	Cyclone/ESP	1.79%	Wet Injection/Fabric Filter			0.00%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	3.57%	ESP	0.00%	Dry Injection/ESP				J J
		Cyclone/Venturi or						
	0.00%	Scrubber General	0.00%	Dry Injection				
				Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
				Cyclone/Venturi or				
		Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
		Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
		Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
		Gas Absorber	1.79%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

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		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Pulverized Coal or Cyclone Units Burning	0.43%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Bituminous Coal	0.00%	Filter	0.00%	Filter	0.00%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
273 boilers	1.28%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			1.28%	Dry Injection/Fabric Filter
275 boliers	1.2070	Bry injections rubite ritter	0.0070	Cyclone/Acid Gas			1.2070	Cyclone/ESP/Acid Gas
235 boilers with control information	5.53%	Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
255 boliers with control information	3.3370	Cyclone/ESP/Venturi or	0.0070	Serabber			0.0070	Scrubber
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.0070	Cyclone/ESP/Acid Gas	0.0070	ricia Gas Scrabbel/ESI			0.0070	ricia Gas Scrabbel/Est
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.85%	Dry Injection/ESP
	8.09%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	1.28%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	38.72%	ESP	0.85%	Dry Injection/ESP				
		Cyclone/Venturi or						
	0.00%	Scrubber General	0.00%	Dry Injection				
				Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
	0.000/		0.000/	Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
	0.00% 2.13%	Cyclone/Gas Absorber Cyclone	0.00%	Venturi Scrubber Scrubber General				
	0.43%	Scrubber General	0.43%	Cyclone/Fabric Filter				
	0.43%	Acid Gas Scrubber	8.09%	Cyclone/ESP				
	0.00%	Gas Absorber	5.53%	Fabric Filter				
	0.00%	Wet Injection	2.13%	Cyclone				
		Dry Injection	2.13%	Cyclone				
	0.00%	Dry injection						

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		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Pulverized Coal or Cyclone Units Burning	4.38%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Subbituminous Coal	0.00%	Filter	0.00%	Filter	1.55%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
473 boilers	1.80%	Dry Injection/Fabric Filter	0.52%	Cyclone/ESP/Acid Gas Scrubber			1.80%	Dry Injection/Fabric Filter
4/3 bollers	1.80%	Dry Injection/Fabric Filter	0.32%	Cyclone/Acid Gas			1.80%	Cyclone/ESP/Acid Gas
388 boilers with control information	12.89%	Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
388 bollers with control information		Cyclone/ESP/Venturi or	0.00%	Scrubber			0.00%	Scrubber
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.52%	Acid Gas Scrubber/ESP
		Cyclone/ESP/Acid Gas	0.0070	Acid Gas Scrubbel/Est			0.3270	Acid Gas Scrubber/Est
		Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.52%	Dry Injection/ESP
	11.86%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	1.80%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	23.45%	ESP	0.52%	Dry Injection/ESP				
	4.2004	Cyclone/Venturi or	0.000/	n v · ·				
	4.38%	Scrubber General	0.00%	Dry Injection Cyclone/ESP/Venturi or				
	0.52%	V	0.00%	Scrubber General				
	0.52%	Venturi Scrubber	0.00%	Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	4.38%	Scrubber General				
		Cyclone/Gas Absorber	0.52%	Venturi Scrubber				
		Cyclone Cyclone	4.12%	Scrubber General				
	2.32%	Scrubber General	4.38%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	11.86%	Cyclone/ESP				
		Gas Absorber	12.37%	Fabric Filter			1	
	0.00%	Wet Injection	5.15%	Cyclone			1	
		Dry Injection						

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		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Pulverized Coal or Cyclone Units Burning	0.00%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Lignite Coal	0.00%	Filter	0.00%	Filter	17.78%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
	0.000/	D V	0.000/	Cyclone/ESP/Acid Gas			0.000/	
51 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Scrubber			0.00%	Dry Injection/Fabric Filter
451 11 11 11 11 11 11 11 11 11 11	0.000/		0.000/	Cyclone/Acid Gas			0.0004	Cyclone/ESP/Acid Gas
45 boilers with control information	0.00%	Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
	0.000/	Cyclone/ESP/Venturi or	0.000/				0.0004	
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			11.11%	Wet Injection/ESP
	0.00%	Scrubber	0.00%	Gas Absorber			11.11%	wet injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.0070	Cyclone, EST / Tiesercer	0.0070	riela das peraeser			0.0070	Cyclone/Acid Gas
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	11.11%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	11.11%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	31.11%	ESP	0.00%	Dry Injection/ESP				
		Cyclone/Venturi or						
	0.00%	Scrubber General	0.00%	Dry Injection				
				Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
	0.000/		0.000/	Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
	0.00% 2.22%	Cyclone/Gas Absorber	2.22%	Venturi Scrubber				
	0.00%	Cyclone Scrubber General	4.44% 0.00%	Scrubber General Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/Fabric Filter Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection	2.22%	Cyclone				
	0.00%	Dry Injection	2.22%	Cyclone				
	0.00%	Dry Injection						<u>I</u>

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		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Mass-Fired Boilers Burning	1.69%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Anthracite Coal	0.00%	Filter	0.00%	Filter	0.00%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
741-31	0.00%	Des Interdien/Estais Etter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Day Interest of Falsain Filters
74 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/Acid Gas			0.00%	Dry Injection/Fabric Filter Cyclone/ESP/Acid Gas
50 h - il id 1 info ii	2.200/	Fabric Filter	0.000/				0.000/	,
59 boilers with control information		Cyclone/ESP/Venturi or	0.00%	Scrubber			0.00%	Scrubber
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
		Cyclone/ESP/Acid Gas	0.00%	Acid Gas Scrubbel/ESP			0.00%	Acid Gas Scrubbel/ESP
		Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP		Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
	0.0004	Cyclone/Venturi or	0.000/	- · · ·				
	0.00%	Scrubber General	0.00%	Dry Injection Cyclone/ESP/Venturi or				
	0.00%	W . 10 11	0.000/	•				
	0.00%	Venturi Scrubber	0.00%	Scrubber General Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
		Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
		Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	1.69%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
		Gas Absorber	3.39%	Fabric Filter				
	0.00%	Wet Injection	18.64%	Cyclone				
		Dry Injection	10.0470	Cyclone				

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		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Mass-Fired Boilers Burning	4.65%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Bituminous Coal	0.13%	Filter	0.00%	Filter	3.86%	GCP	0.13%	Filter
	0.40%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.40%	Wet Injection/Fabric Filter
10451 11	0.1204	TO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.000/	Cyclone/ESP/Acid Gas			0.400/	
1245 boilers	0.13%	Dry Injection/Fabric Filter	0.00%	Scrubber			0.40%	Dry Injection/Fabric Filter
	0.74		0.00-	Cyclone/Acid Gas				Cyclone/ESP/Acid Gas
752 boilers with control information		Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
		Cyclone/ESP/Venturi or	0.000/				0.0004	
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
		Cyclone/ESP/Acid Gas	0.000/	G 41 1			0.000/	MANA TEN TEND
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	3.19%	Cyclone/ESP	0.40%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	0.40%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	5.72%	ESP	0.00%	Dry Injection/ESP				
		Cyclone/Venturi or						
	0.00%	Scrubber General	0.00%	Dry Injection				
				Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
				Cyclone/Venturi or				
		Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
		Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
		Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	4.39%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	3.19%	Cyclone/ESP				
		Gas Absorber	8.51%	Fabric Filter				
	0.00%	Wet Injection	19.41%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Mass-Fired Boilers Burning	6.22%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Subbituminous Coal	0.00%	Filter	0.00%	Filter	0.43%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
1.45 C to 21 cm	0.00%	Des Interdien/Estais Etter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.09%	Day Interest of Falsain Filters
1456 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/Acid Gas			0.09%	Dry Injection/Fabric Filter Cyclone/ESP/Acid Gas
11501-11	0.120/	Fabric Filter	0.00%	•			0.000/	,
1158 boilers with control information		Cyclone/ESP/Venturi or	0.00%	Scrubber			0.00%	Scrubber
	0.09%	Scrubber General	0.35%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
<b> </b>		Cyclone/ESP/Acid Gas	0.55%	Acid Gas Scrubbel/ESP			0.00%	Acid Gas Scrubbel/ESP
		Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.09%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	2.16%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.35%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.43%	Acid Gas Scrubber
1	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP		Dry Injection/Fabric Filter			0.00%	Dry Injection
<b> </b>	6.13%	ESP	0.00%	Dry Injection/ESP				
	0.050/	Cyclone/Venturi or	0.000/					
<b> </b>	0.95%	Scrubber General	0.00%	Dry Injection Cyclone/ESP/Venturi or				
	0.00%	W . 10 11	0.000/	-				
	0.00%	Venturi Scrubber	0.09%	Scrubber General Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	0.95%	Scrubber General				
<u> </u>		Cyclone/Gas Absorber	0.95%	Venturi Scrubber				
<u> </u>		Cyclone	1.21%	Scrubber General			1	
<u> </u>	1.21%	Scrubber General	6.13%	Cyclone/Fabric Filter				
<u> </u>	0.09%	Acid Gas Scrubber	2.16%	Cyclone/ESP				
<u> </u>		Gas Absorber	8.12%	Fabric Filter				
<b> </b>	0.00%	Wet Injection	34.11%	Cyclone				
il		Dry Injection	37.11/0	Cyclone				

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Mass-Fired Boilers Burning	16.67%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Lignite Coal	0.00%	Filter	0.00%	Filter	0.00%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
201 1	0.000/	D V	0.000/	Cyclone/ESP/Acid Gas			0.000/	
22 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Scrubber			0.00%	Dry Injection/Fabric Filter
	11.110/	P. 1. 1. P. 1.	0.000/	Cyclone/Acid Gas			0.0004	Cyclone/ESP/Acid Gas
18 boilers with control information	11.11%	Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
	0.000/	Cyclone/ESP/Venturi or	0.000/				0.0004	
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.007.0		0.007					
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
								Cyclone/Acid Gas
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
				<u> </u>				
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	16.67%	ESP	0.00%	Dry Injection/ESP				
		Cyclone/Venturi or						
	11.11%	Scrubber General	0.00%	Dry Injection				
				Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
				Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	11.11%	Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
		Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	16.67%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	11.11%	Fabric Filter				
	0.00%	Wet Injection	44.44%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Fluidized Bed Boilers Burning	0.00%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
,		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Petroleum Coke Fuel <sup>1</sup>	0.00%	Filter	0.00%	Filter	0.00%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
0.1 1	0.0004	TO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.000/	Cyclone/ESP/Acid Gas			0.000/	D V
0 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Scrubber			0.00%	Dry Injection/Fabric Filter
	0.00		0.00-	Cyclone/Acid Gas				Cyclone/ESP/Acid Gas
	0.00%	Fabric Filter Cyclone/ESP/Venturi or	0.00%	Scrubber			0.00%	Scrubber
	0.0004	*	0.000/				0.000/	
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.000/	Cyclone/ESP/Acid Gas	0.000/	g			0.000/	W. V. S. Man
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	C1/ECD	0.00%	Was Inication/Estado Eller			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
		Cyclone/Venturi or						
	0.00%	Scrubber General	0.00%	Dry Injection				
				Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
	0.000/		0.000/	Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone Scrubber General	0.00%	Scrubber General Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/Fabric Filter Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%							
	0.00%	Wet Injection Dry Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Fluidized Bed Boilers Burning	0.00%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Anthracite Coal	0.00%	Filter	0.00%	Filter	0.00%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
				Cyclone/ESP/Acid Gas				
0 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Scrubber			0.00%	Dry Injection/Fabric Filter
				Cyclone/Acid Gas				Cyclone/ESP/Acid Gas
0 boilers with control information	0.00%	Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
		Cyclone/ESP/Venturi or						
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
		Cyclone/ESP/Acid Gas	0.00-					
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
								Cyclone/Acid Gas
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
		Cyclone/Venturi or						
	0.00%	Scrubber General	0.00%	Dry Injection				
			0.00-	Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
	0.000/		0.000/	Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
	0.00%	Cyclone/Gas Absorber		Venturi Scrubber				
	0.00%	Cyclone Scrubber General	0.00%	Scrubber General Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/Fabric Filter Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection	0.00%					
	0.00%	Dry Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Fluidized Bed Boilers Burning	6.25%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Bituminous Coal	3.13%	Filter	3.13%	Filter	0.00%	GCP	3.13%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
ect 11	10.75%	D V	0.000/	Cyclone/ESP/Acid Gas			25.000/	D V
56 boilers	18.75%	Dry Injection/Fabric Filter	0.00%	Scrubber			25.00%	Dry Injection/Fabric Filter
	12 500/		0.000/	Cyclone/Acid Gas			0.000/	Cyclone/ESP/Acid Gas
32 boilers with control information	12.50%	Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
	0.000/	Cyclone/ESP/Venturi or	0.000/				0.000/	
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.000/	Cyclone/ESP/Acid Gas	0.000/	G 41 1			0.000/	MAYA COD
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	3.13%	C1/ECD	0.00%	Was Interested (Estado Ettado			0.00%	Cyclone/Acid Gas Scrubber
	3.13%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	25.00%	Dry Injection/Fabric Filter			3.13%	Dry Injection
	6.25%	ESP	0.00%	Dry Injection/ESP				
		Cyclone/Venturi or						
	0.00%	Scrubber General	3.13%	Dry Injection				
				Cyclone/ESP/Venturi or				
	9.38%	Venturi Scrubber	0.00%	Scrubber General				
	0.000/		0.000/	Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
	0.00%	Cyclone/Gas Absorber	12.50%	Venturi Scrubber				
	0.00%	Cyclone Scrubber General	0.00%	Scrubber General Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	3.13%	Cyclone/Fabric Filter Cyclone/ESP				
	0.00%	Gas Absorber	9.38%	Fabric Filter				
	0.00%	Wet Injection	0.00%					
	0.00%	Dry Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Fluidized Bed Boilers Burning	0.00%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Subbituminous Coal	0.00%	Filter	0.00%	Filter	0.00%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
				Cyclone/ESP/Acid Gas				
0 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Scrubber			0.00%	Dry Injection/Fabric Filter
				Cyclone/Acid Gas				Cyclone/ESP/Acid Gas
	0.00%	Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
	0.00	Cyclone/ESP/Venturi or	0.00-					
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00	Cyclone/ESP/Acid Gas	0.00-	~				
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.000/	C 1 TCCD	0.000/	XX . X			0.000/	Cyclone/Acid Gas
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
		Cyclone/Venturi or						
	0.00%	Scrubber General	0.00%	Dry Injection				
				Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
	0.00	~ ~	0.00-	Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber		-		
	0.00%	Cyclone Scrubber General	0.00%	Scrubber General				
	0.00%			Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber Gas Absorber	0.00%	Cyclone/ESP Fabric Filter				
	0.00%	Wet Injection Dry Injection	0.00%	Cyclone				
	0.00%	Dry injection					<u> </u>	

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Fluidized Bed Boilers Burning	0.00%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Lignite Coal	0.00%	Filter	0.00%	Filter	0.00%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
				Cyclone/ESP/Acid Gas				
0 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Scrubber			0.00%	Dry Injection/Fabric Filter
				Cyclone/Acid Gas				Cyclone/ESP/Acid Gas
	0.00%	Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
		Cyclone/ESP/Venturi or					0.00	
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
		Cyclone/ESP/Acid Gas	0.00-	~				
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
								Cyclone/Acid Gas
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
		Cyclone/Venturi or						
	0.00%	Scrubber General	0.00%	Dry Injection				
				Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
	0.0004		0.000/	Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone Scrubber General	0.00%	Scrubber General				
	0.00%			Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber Gas Absorber	0.00%	Cyclone/ESP Fabric Filter				
	0.00%	Wet Injection Dry Injection	0.00%	Cyclone				
	0.00%	Dry Injection		<u> </u>				

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Petroleum Coke Boilers	4.17%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Unknown Boiler Type	4.17%	Filter	4.17%	Filter	0.00%	GCP	4.17%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
241 3	12 500/	TO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.000/	Cyclone/ESP/Acid Gas			12.500/	B Y 1 / B 1 P 1
34 boilers	12.50%	Dry Injection/Fabric Filter	0.00%	Scrubber Contain (Apid Con			12.50%	Dry Injection/Fabric Filter
241 7	0.220/	P. 1. 1. P. 1.	0.000/	Cyclone/Acid Gas			0.0004	Cyclone/ESP/Acid Gas
24 boilers with control information		Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
		Cyclone/ESP/Venturi or	0.000/				0.0004	
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
		Cyclone/ESP/Acid Gas	0.000/	G 41 1			4.170/	MAYA T. C. ADAD
	0.00%	Scrubber	0.00%	Gas Absorber			4.17%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	C1/ECD	0.00%	Was Inication/Calmin Cites			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	4.17%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	4.17%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	12.50%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	8.33%	ESP	0.00%	Dry Injection/ESP				
		Cyclone/Venturi or						
	4.17%	Scrubber General	0.00%	Dry Injection				
	0.00			Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
	0.00	~ ~		Cyclone/Venturi or				
		Cyclone/Acid Gas Scrubber	4.17%	Scrubber General				
		Cyclone/Gas Absorber	0.00%	Venturi Scrubber		-		
	16.67% 0.00%	Cyclone Scrubber General	0.00%	Scrubber General				
	0.00%		4.17%	Cyclone/Fabric Filter				
		Acid Gas Scrubber Gas Absorber	0.00% 8.33%	Cyclone/ESP Fabric Filter				
	0.00%	Wet Injection Dry Injection	16.67%	Cyclone				
	0.00%	Dry injection		<u> </u>		<u> </u>	<u> </u>	ı

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Subbituminous Coal Boilers	7.69%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Unknown Boiler Type	3.85%	Filter	3.85%	Filter	0.00%	GCP	3.85%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			7.69%	Wet Injection/Fabric Filter
				Cyclone/ESP/Acid Gas				
33 boilers	7.69%	Dry Injection/Fabric Filter	0.00%	Scrubber			7.69%	Dry Injection/Fabric Filter
				Cyclone/Acid Gas				Cyclone/ESP/Acid Gas
26 boilers with control information		Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
		Cyclone/ESP/Venturi or	0.00-					
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
		Cyclone/ESP/Acid Gas	0.00-	~				
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	3.85%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.0004	G 1 700	<b>5</b> 500/	***			0.000/	Cyclone/Acid Gas
	0.00%	Cyclone/ESP	7.69%	Wet Injection/Fabric Filter			0.00%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			3.85%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	7.69%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
	0.00	Cyclone/Venturi or	0.00-					
	0.00%	Scrubber General	0.00%	Dry Injection				
	0.000/	**	0.000/	Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
	0.000/		0.000/	Cyclone/Venturi or				
		Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
		Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone Scrubber General	0.00%	Scrubber General Cyclone/Fabric Filter				
	3.85%	Acid Gas Scrubber	0.00%	Cyclone/Fabric Filter Cyclone/ESP				
		Gas Absorber	11.54%	Fabric Filter				
	0.00%							
		Wet Injection Dry Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Other Fossil Fuel Units <sup>2</sup>	2.39%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
404 boilers	2.39%	Filter	2.39%	Filter	0.48%	GCP	2.39%	Filter
209 boilers with control information	7.18%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			8.61%	Wet Injection/Fabric Filter
	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
				Cyclone/Acid Gas				Cyclone/ESP/Acid Gas
	17.22%	Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
		Cyclone/ESP/Venturi or						
	0.00%	Scrubber General	0.48%	Acid Gas Scrubber/ESP			0.48%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.48%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	2.39%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	1.44%	Cyclone/ESP	8.61%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.48%	Acid Gas Scrubber/ESP	0.48%	Wet Injection/ESP			2.39%	Acid Gas Scrubber
	0.48%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	16.75%	ESP	0.00%	Dry Injection/ESP				
	0.000/	Cyclone/Venturi or Scrubber General	0.000/	D 7				
	0.00%	Scrubber General	0.00%	Dry Injection Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
	0.00%	venturi Scrubber	0.00%	Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	30.62%	Cyclone Cyclone	2.39%	Scrubber General				
	1.44%	Scrubber General	0.96%	Cyclone/Fabric Filter				
	2.39%	Acid Gas Scrubber	1.44%	Cyclone/ESP				
	0.00%	Gas Absorber	17.22%	Fabric Filter				
	0.00%	Wet Injection	30.62%	Cyclone				
	0.00%	Dry Injection	20.0270					

The solid fossil fuel subcategories are based on boiler types and then separated further by fuel types. The boiler types are pulverized coal or cyclones, mass-fired boilers, and fluidized bed boilers. Within these three boiler types, the fuels were divided into petroleum coke, low ash and/or low moisture (anthracite and bituminous), and high ash and/or high moisture (subbituminous and lignite).

<sup>&</sup>lt;sup>2</sup> 'Other Fossil' includes boilers with SCCs too general to be classified into a specific boiler type or fuel type (such as an SCC description of 'other fossil fuel')

Table VI.B. Wood - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Dry Wood	1.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	14.38%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
598 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	0.84%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.33%	Cyclone/ESP/Venturi or Scrubber General		Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber		Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Acid Gas Scrubber				Dry Injection/ESP
	0.84%	Cyclone/ESP		Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP		Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	1.34%	ESP		Dry Injection/ESP				
	1.67%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.33%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber		Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	62.21%	Cyclone		Scrubber General				
	1.00%	Scrubber General	1.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber		Cyclone/ESP				
	0.00%	Gas Absorber	0.84%	Fabric Filter				
	0.00%	Wet Injection	62.21%	Cyclone				
	0.00%	Dry Injection						

Table VI.B. Wood - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Timber	0.33%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	11.04%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
491 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	0.33%	Fabric Filter	0.17%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
		Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
		Cyclone/ESP		Wet Injection/Fabric Filter				Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP		Dry Injection/Fabric Filter			0.00%	Dry Injection
	1.84%	ESP	0.00%	Dry Injection/ESP				
	12.21%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.84%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	12.04%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	1.00%	Venturi Scrubber				
	35.28%	Cyclone	2.68%	Scrubber General				
	2.68%	Scrubber General	0.33%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	12.54%	Cyclone/ESP				
	0.00%	Gas Absorber	0.33%	Fabric Filter				
		Wet Injection	35.28%	Cyclone				
	0.00%	Dry Injection						

Table VI.B. Wood - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Treated Wood	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	18.18%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
11 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	0.00%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber		Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Gas Absorber	9.09%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	18.18%	Cyclone/ESP		Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			9.09%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	27.27%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	18.18%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	9.09%	Acid Gas Scrubber	18.18%	Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection	18.18%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Acid Gas Scrubber/Fabric				
>70% Fossil or Non-Fossil Gas with	0.00%	Gas Absorber	0.00%	Filter	18.30%	GCP	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric						Acid Gas Scrubber/Fabric
Other Gases	0.00%	Filter	0.00%	Acid Gas Scrubber/ESP	0.00%	Carbon Adsorption	0.00%	Filter
	0.00%	Acid Gas Scrubber/ESP	0.00%	Acid Gas Scrubber			0.00%	Acid Gas Scrubber/ESP
153 boilers	0.00%	Acid Gas Scrubber	0.00%	Wet Injection/Fabric Filter			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/Fabric Filter	0.00%	Wet Injection/ESP			0.00%	Wet Injection/Fabric Filter
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection/ESP
	0.00%	Dry Injection/Fabric Filter	0.00%	Gas Absorber			0.00%	Dry Injection/Fabric Filter
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection/ESP
	0.00%	Wet Injection	0.00%	Dry Injection/ESP			0.00%	Wet Injection
	0.00%	Dry Injection	0.00%	Dry Injection			0.00%	Dry Injection

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
>70% Fossil Gas with Non-Fossil	0.00%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Solids or Liquids	0.00%	Filter	0.00%	Filter	30.00%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
				Cyclone/ESP/Acid Gas				
10 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Scrubber			0.00%	Dry Injection/Fabric Filter
				Cyclone/Acid Gas				Cyclone/ESP/Acid Gas
	0.00%	Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
		Cyclone/ESP/Venturi or					0.00	
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00	Cyclone/ESP/Acid Gas	0.00-	~				
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.0004	a t man	0.000/	*** * * * * * * * * * * * * * * * * * *			0.000/	Cyclone/Acid Gas
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
	0.00	Cyclone/Venturi or	0.00-					
	0.00%	Scrubber General	0.00%	Dry Injection				
	0.00		0.00-	Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
	0.000/		0.000/	Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	10.00%	Cyclone Scrubber General	0.00%	Scrubber General Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/Fabric Filter Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%							
		Wet Injection Dry Injection	10.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
>70% Liquid Fossi Fuel with Non-Fossil	0.00%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Solids or Liquids	0.00%	Filter	0.00%	Filter	0.00%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
				Cyclone/ESP/Acid Gas				
4 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Scrubber			0.00%	Dry Injection/Fabric Filter
				Cyclone/Acid Gas				Cyclone/ESP/Acid Gas
		Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
		Cyclone/ESP/Venturi or					0.00	
		Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
		Cyclone/ESP/Acid Gas	0.000/	a			0.000/	WY Y Y Y Y GOD
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.0070	Cyclone, ESI	0.0070	Wet injections rubrie rinter			0.0070	Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
		Cyclone/Venturi or						
	0.00%	Scrubber General	0.00%	Dry Injection				
				Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
				Cyclone/Venturi or				
		Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
		Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
		Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
		Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
>70% Bagasse	0.00%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
	0.00%	Filter	0.00%	Filter	0.00%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
	0.0004	D V	0.000/	Cyclone/ESP/Acid Gas			0.000/	TO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
141 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Scrubber Contagn (April Con			0.00%	Dry Injection/Fabric Filter Cyclone/ESP/Acid Gas
	0.710/	E 1 . E1.	0.000/	Cyclone/Acid Gas			0.000/	•
	0.71%	Fabric Filter Cyclone/ESP/Venturi or	0.00%	Scrubber			0.00%	Scrubber
	0.00%	,	0.00%	A -: 1 C C11/ECD			0.000/	A -: 1 C C 11/ECD
	0.00%	Scrubber General Cyclone/ESP/Acid Gas	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
								Cyclone/Acid Gas
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.71%	ESP Cyclone/Venturi or	0.00%	Dry Injection/ESP				
	41 120/	*	0.000/	D Indication				
	41.13%	Scrubber General	0.00%	Dry Injection Cyclone/ESP/Venturi or				
	1.42%	Venturi Scrubber	0.00%	Scrubber General				
	1.42%	venturi Scrubber	0.00%	Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	41.13%	Scrubber General				
	0.00%	Cyclone/Gas Absorber	1.42%	Venturi Scrubber				
	21.28%	Cyclone Cyclone	34.04%	Scrubber General				
	34.04%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	0.71%	Fabric Filter				
	0.00%	Wet Injection	21.28%	Cyclone				
		Dry Injection	21.2070					

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
>70% Biomass	9.09%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
	0.00%	Filter	0.00%	Filter	0.00%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
				Cyclone/ESP/Acid Gas				
11 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Scrubber			0.00%	Dry Injection/Fabric Filter
				Cyclone/Acid Gas				Cyclone/ESP/Acid Gas
		Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
		Cyclone/ESP/Venturi or						
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
		Cyclone/ESP/Acid Gas						
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	9.09%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	9.09%	Cyclone/ESP	0.00%	wet injection/rabric riner			0.00%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	18.18%	ESP	0.00%	Dry Injection/ESP				
		Cyclone/Venturi or	0.00-					
	0.00%	Scrubber General	0.00%	Dry Injection				
				Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
	0.000/		0.000/	Cyclone/Venturi or				
		Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
		Cyclone/Gas Absorber	0.00%	Venturi Scrubber		-		
	18.18% 9.09%	Cyclone Scrubber General	9.09%	Scrubber General				
	9.09% 0.00%			Cyclone/Fabric Filter				
		Acid Gas Scrubber Gas Absorber	9.09% 27.27%	Cyclone/ESP Fabric Filter				
								<del> </del>
	0.00%	Wet Injection Dry Injection	18.18%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
>70% Solid Fossil Fuel with Non-Fossil	0.00%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Material Fired in a Stoker	0.00%	Filter	0.00%	Filter	66.67%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
				Cyclone/ESP/Acid Gas				
3 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Scrubber			0.00%	Dry Injection/Fabric Filter
				Cyclone/Acid Gas				Cyclone/ESP/Acid Gas
		Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
		Cyclone/ESP/Venturi or	0.00-					
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
		Cyclone/ESP/Acid Gas	0.00-	~				
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	66.67%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
		2,555	0.007					
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
		Cyclone/Venturi or						
	0.00%	Scrubber General	0.00%	Dry Injection				
				Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
				Cyclone/Venturi or				
		Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
		Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
		Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	66.67%	Cyclone/ESP				
		Gas Absorber	33.33%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals			Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
>70% Solid Fossil Fuel with Non-Fossil	0.00%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Material Fired in a Pulverized Coal Boiler	0.00%	Filter	0.00%	Filter	0.00%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
O hoilan	0.00%	Day Injection/Echaic Filton	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Day Injection/Echaic Filton
8 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/Acid Gas			0.00%	Dry Injection/Fabric Filter Cyclone/ESP/Acid Gas
	12.50%	Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
	12.50%	Cyclone/ESP/Venturi or	0.00%	Scrubber			0.00%	Scrubber
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas	0.00%	Acid Gas Scrubbel/ESF			0.00%	Acid Gas Scrubbel/Est
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	75.00%	ESP	0.00%	Dry Injection/ESP				
	0.000/	Cyclone/Venturi or	0.000/	n v · ·				
	0.00%	Scrubber General	0.00%	Dry Injection Cyclone/ESP/Venturi or				
	0.00%	W	0.000/	Scrubber General				
	0.00%	Venturi Scrubber	0.00%	Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
		Cyclone Cyclone	12.50%	Scrubber General				
	12.50%	Scrubber General	0.00%	Cyclone/Fabric Filter		<del> </del>		
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	12.50%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
		Dry Injection	0.0070	- ) 10				

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
>70% Solid Fossil Fuel with Non-Fossil	0.00%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Material Fired in Other Boiler Type	0.00%	Filter	0.00%	Filter	0.00%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
				Cyclone/ESP/Acid Gas				
0 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Scrubber			0.00%	Dry Injection/Fabric Filter
				Cyclone/Acid Gas				Cyclone/ESP/Acid Gas
		Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
		Cyclone/ESP/Venturi or					0.00	
		Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
		Cyclone/ESP/Acid Gas	0.000/	a			0.000/	WY Y Y Y Y GOOD
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.000/	C 1 TECH	0.000/	XX . X			0.000/	Cyclone/Acid Gas
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
	0.00	Cyclone/Venturi or	0.00-					
	0.00%	Scrubber General	0.00%	Dry Injection				
	0.000/	**	0.000/	Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
	0.000/		0.000/	Cyclone/Venturi or				
		Cyclone/Acid Gas Scrubber	0.00%	Scrubber General				
		Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone Scrubber General	0.00%	Scrubber General				
	0.00%			Cyclone/Fabric Filter				
		Acid Gas Scrubber	0.00%	Cyclone/ESP				
		Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection Dry Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
>70% Section 112 Wood with Other	7.69%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
Non-Fossil Material	0.00%	Filter	0.00%	Filter	0.00%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
				Cyclone/ESP/Acid Gas				
13 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Scrubber			0.00%	Dry Injection/Fabric Filter
				Cyclone/Acid Gas				Cyclone/ESP/Acid Gas
	0.00%	Fabric Filter	0.00%	Scrubber			0.00%	Scrubber
		Cyclone/ESP/Venturi or						
	0.00%	Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
		Cyclone/ESP/Acid Gas		~				
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	15.38%	C1/ECD	0.00%	Was Interdient (Calmin Cites			0.00%	Cyclone/Acid Gas Scrubber
	15.38%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	15.38%	ESP	0.00%	Dry Injection/ESP				
		Cyclone/Venturi or						
	46.15%	Scrubber General	0.00%	Dry Injection				
				Cyclone/ESP/Venturi or				
	0.00%	Venturi Scrubber	0.00%	Scrubber General				
	0.000/		52.050/	Cyclone/Venturi or				
	0.00%	Cyclone/Acid Gas Scrubber	53.85%	Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	7.69% 0.00%	Cyclone Scrubber General	0.00%	Scrubber General Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	7.69%	Cyclone/Fabric Filter Cyclone/ESP				
	0.00%	Gas Absorber	7.69%	Fabric Filter				
	0.00%							
	0.00%	Wet Injection Dry Injection	7.69%	Cyclone				
	0.00%	Dry Injection						l .

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic		Organic		Mercury
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
				Cyclone/ESP/Gas				
Section 112 Mixed Feed	0.00%	Cyclone/Fabric Filter	0.00%	Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
		Acid Gas Scrubber/Fabric		Acid Gas Scrubber/Fabric				Acid Gas Scrubber/Fabric
	0.00%	Filter	0.00%	Filter	8.89%	GCP	0.00%	Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
				Cyclone/ESP/Acid Gas				
45 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Scrubber			0.00%	Dry Injection/Fabric Filter
				Cyclone/Acid Gas				Cyclone/ESP/Acid Gas
		Fabric Filter	2.22%	Scrubber			0.00%	Scrubber
		Cyclone/ESP/Venturi or						
		Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
		Cyclone/ESP/Acid Gas						
	0.00%	Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	11.11%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			2.22%	Cyclone/Acid Gas Scrubber
	11.11%	Cyclone/ESP	0.00%	wet injection/rabric riner			2.22%	Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
		Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	13.33%	ESP	2.22%	Dry Injection/ESP				
		Cyclone/Venturi or						
	8.89%	Scrubber General	4.44%	Dry Injection				
	11 110/	W . : 0 . 11	0.000/	Cyclone/ESP/Venturi or				
	11.11%	Venturi Scrubber	0.00%	Scrubber General				
	0.000/	0 1 /4:10 0 ::	4 440/	Cyclone/Venturi or				
		Cyclone/Acid Gas Scrubber	4.44%	Scrubber General				
		Cyclone/Gas Absorber	11.11%	Venturi Scrubber				
	0.00%	Cyclone Scrubber General	0.00%	Scrubber General Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	8.89%	Cyclone/ESP				
		Gas Absorber	8.89% 4.44%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
		Dry Injection	0.00%	Cyclone				
	0.00%	Dry Injection						l .

Table VI.C. Non-Fossil - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic	(	Organic	Mercury		
	% of Boilers		% of Boilers		% of Boilers		% of Boilers		
Subcategory	Controlled	Control Device	Controlled	Control Device	Controlled	Control Device	Controlled	Control Device	
129 Mixed Feed Solids	4.97%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption	
	0.93%	Acid Gas Scrubber/Fabric Filter	0.93%	Acid Gas Scrubber/Fabric Filter	16.15%	GCP	0.93%	Acid Gas Scrubber/Fabric Filter	
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter	
322 boilers	2.80%	Dry Injection/Fabric Filter	0.93%	Cyclone/ESP/Acid Gas Scrubber			2.80%	Dry Injection/Fabric Filter	
	4.97%	Fabric Filter	0.93%	Cyclone/Acid Gas Scrubber			0.93%	Cyclone/ESP/Acid Gas Scrubber	
		Cyclone/ESP/Venturi or Scrubber							
	1.55%	General	0.62%	Acid Gas Scrubber/ESP			0.62%	Acid Gas Scrubber/ESP	
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP	
	0.00%	Cyclone/ESP/Gas Absorber	0.31%	Acid Gas Scrubber			0.31%	Dry Injection/ESP	
	23.29%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.93%	Cyclone/Acid Gas Scrubber	
	0.62%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.31%	Acid Gas Scrubber	
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection	
	0.31%	Dry Injection/ESP	2.80%	Dry Injection/Fabric Filter			0.00%	Dry Injection	
	23.29%	ESP	0.31%	Dry Injection/ESP					
	11.80%	Cvclone/Venturi or Scrubber General	0.00%	Dry Injection					
	11.80%	Cyclone/ venturi of Scrubber General	0.00%	Cyclone/ESP/Venturi or Scrubber					
	4.35%	Venturi Scrubber	0.62%	General					
	4.33%	Venturi Scrubber	0.62%	General					
	0.00%	Cyclone/Acid Gas Scrubber	10.87%	Cyclone/Venturi or Scrubber General					
	0.00%	Cyclone/Gas Absorber	4.04%	Venturi Scrubber					
	21.12%	Cyclone	4.97%	Scrubber General					
	4.66%	Scrubber General	4.97%	Cyclone/Fabric Filter					
	0.00%	Acid Gas Scrubber	23.29%	Cyclone/ESP					
	0.00%	Gas Absorber	4.97%	Fabric Filter					
	0.00%	Wet Injection	21.12%	Cyclone					
	0.00%	Dry Injection		-					

Table VI.C. Non-Fossil - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

		Metals		Inorganic	(	Organic	Mercury		
	% of Boilers		% of Boilers		% of Boilers		% of Boilers		
Subcategory	Controlled	Control Device	Controlled	Control Device	Controlled	Control Device	Controlled	Control Device	
129 Mixed Feed Liquids	0.31%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	9.94%	GCP	0.00%	Carbon Adsorption	
	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Carbon Adsorption	0.00%	Acid Gas Scrubber/Fabric Filter	
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter	
153 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter	
	1.86%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber	
		Cyclone/ESP/Venturi or Scrubber							
	0.00%	General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP	
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.62%	Gas Absorber			0.00%	Wet Injection/ESP	
	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP	
	0.93%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber	
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber	
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection	
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection	
	4.66%	ESP	0.00%	Dry Injection/ESP					
	2.48%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection					
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General					
	3.73%	Scrubber General	2.48%	Cyclone/Venturi or Scrubber General					
	0.00%	Cyclone/Acid Gas Scrubber	3.73%	Scrubber General					
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber					
	4.04%	Cyclone	0.31%	Cyclone/Fabric Filter					
	0.00%	Acid Gas Scrubber	0.93%	Cyclone/ESP					
	0.62%	Gas Absorber	1.86%	Fabric Filter					
	0.00%	Wet Injection	4.04%	Cyclone					
	0.00%	Dry Injection							