



Progress Energy

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BUREAU OF AIR REGULATION
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DIVISION OF AIR
RESOURCE MANAGEMENT

January 5, 2005

Michael G. Cooke
Director Division of Air Resources Management
Division of Air Resource Management
2600 Blair Stone Road MS 5500
Tallahassee, Florida 32399-2400

Re: Initial Notification of an Industrial Boiler at Hines Energy Complex - permit number 1050234-008-AV and Tiger Bay Cogeneration Facility - permit number 1050223-012-AV

Dear Mr. Cooke,

In accordance with 40 CFR Part 63, Subpart DDDDD—National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters and 40 CFR Part 63, Subpart A, §63.9(b) General Provisions I have attached the *initial notification form* for our existing natural gas fired industrial boilers at our Hines Energy Complex and Tiger Bay Cogeneration Facility.

The Hines Energy Complex is a major source for HAPS. The Tiger Bay Cogeneration Facility is not a major source for HAPS, however, it was recommended by FDEP that we send in the initial notification for this facility.

If you have any questions, please contact Dave Meyer at (727) 826-4187.

Thank you for your time in processing this Initial Notification.

Best Regards,

Roger B. Zirkle
Plant Manager – Responsible Official

Xc: Ms. Jean Campbell - EPA Region IV
Mr. Joel Smolen - Southwest District Air Program

Attachments

INITIAL NOTIFICATION REPORT

What is the purpose of this form?

This form is an example of how you can meet the requirement to submit an INITIAL NOTIFICATION REPORT under the following regulation: 40 CFR Part 63, Subpart DDDDD—National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters and 40 CFR Part 63, Subpart A, §63.9(b) General Provisions.

This form is provided for your convenience. You are not required to use this form and may choose your own format to submit the required information.

By when must I submit an Initial Notification?

You must submit an Initial Notification not later than March 12, 2005 (120 calendar days after the effective date of the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters), or within 120 calendar days after your boiler or process heater becomes subject to the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters, whichever is later.

To whom do I submit this Initial Notification?

The rule states that notification must be sent to the EPA Administrator. In practice, the Administrator delegates implementation and enforcement to EPA Regional Offices listed at 40 CFR 63.13, Subpart A (General Provisions) servicing your area. You should first contact your State or local air pollution control agency to see if it has taken delegation to act in place of the EPA Administrator. If so, your initial notification and other reports should be sent to that agency. If not, reports should be sent to the EPA Regional Office.

Do other documents meet the requirements of the Initial Notification?

Application for Approval of Construction or Reconstruction. *If your boiler or process heater will be a new or reconstructed major affected source, you are required by 40 CFR 63.5(d) to submit an Application for Approval of Construction or Reconstruction as soon as practicable before actual construction or reconstruction begins. If you are also required to submit an Initial Notification (not all new or reconstructed units are required to submit Initial Notifications), you may, as allowed under 40 CFR 63.9(b)(1)(iii), submit this Application for Approval of Construction or Reconstruction in lieu of an Initial Notification. If you choose to take advantage of this option, you must submit the Application for Approval of Construction or Reconstruction according to the time frames established in 40 CFR 63.5(d) instead of the time frames established for submitting Initial Notifications in 40 CFR 63.7545. Additionally, it is important to note that all sources that are new or reconstructed major affected sources must meet the requirements of 40 CFR 63.9(b)(4) in addition to complying with the requirements of 40 CFR 63.5(d).*

INITIAL NOTIFICATION REPORT

SECTION I GENERAL INFORMATION

This form is being submitted in accordance with 40 CFR 63.9(b) and as required by 40 CFR 63.7545.

If you own or operate an affected source, submit this report by MARCH 12, 2005, or WITHIN 120 CALENDAR DAYS after your boiler or process heater becomes subject to the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters, whichever is later.

- A. Print or type the following information for each facility for which you are making initial notification: (§63.9(b)(2)(i)-(ii))

Operating Permit Number (IF AVAILABLE)		Facility I.D. Number (IF AVAILABLE)	
1050234-008-AV		1050234	
Responsible Official's Name/Title			
Roger B. Zirkle			
Street Address			
7700 County Road 555			
City	State	ZIP Code	
Bartow	Fl.	33830	
Facility Name			
Hines Energy Complex			
Facility Street Address (If different than Responsible Official's Street Address)			
Facility Local Contact Name		Title	Phone
Mark Lobe		Sr Environmental Specialist	863 519 6106
City	State	ZIP Code	
Bartow	Fl.	33830	

Check the box that applies. (§63.9(b)(2)(v))

- My facility is a major source of Hazardous Air Pollutants (HAP)
- My facility is an area source of HAP

NOTE: A major source is a source that emits or has the potential to emit 10 tons per year, or more, of any one HAP or 25 tons per year, or more, of multiple HAP. All other sources are area sources. The major/area source determination is based on all HAP emission points inside the facility fence line, not just inside the facility itself.

If you answered that your facility is an area source, the facility is not subject to this rule. Records of your applicability determination must be maintained on site for 5 years. See 40 CFR 63.10(b)(3). If you answered that your facility is a major source for HAP emissions, complete the remaining questions.

C. Indicate the relevant standard or other requirement that is the basis for this notification and the source's compliance date: (§63.9(b)(2)(iii))

Basis for this notification (relevant standard or other requirement)	Anticipated Compliance Date (mm/dd/yy)
National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters (40 CFR, Part 63, Subpart DDDDD)	N/A – Initial Notification only

**SECTION II
SOURCE DESCRIPTION**

A. Briefly describe the nature, size, design, and method of operation of the source. (§63.9(b)(2)(iv))

Emission unit 003 is a Steam boiler rated at 99 MMBtu at 1,050 Btu/cf natural gas (HHV). The boiler provides steam for periods of Combustion Turbine startup or quick startup out of a short-term shutdown. The boiler has no add-on pollution control equipment. Air pollution emissions are controlled by efficient combustion and firing natural gas.

NOTE: If the same information requested above is contained in a title V permit application or permit, you may attach the relevant pages from that document to this notification and reference those pages above.

B. Identify the types of emission points within the affected source subject to the relevant standard and the types of hazardous air pollutants emitted. (§63.9(b)(2)(iv))

Types of Emission Points

NOTE: Boilers and process heaters are typically served by chimneys or stacks for flue gas release and dispersion.

Single stack

Types of HAP Emitted

Check the boxes indicating the principal types of HAP emitted by the affected source (i.e., boilers and process heaters). Check all that apply. For example, coal and residual oil fired boilers or process heaters would typically emit all three types of HAP. Natural gas fired boilers or process heaters would typically emit organic HAP.

- Metal HAP (for example, arsenic, beryllium, cadmium, chromium, cobalt, lead, manganese, mercury, nickel, selenium)
- Organic HAP (for example, acetaldehyde, benzene, formaldehyde, toluene, xylenes)
- Acid gas HAP (for example, hydrogen chloride, hydrogen fluoride)

**SECTION III
SPECIFIC REQUIREMENTS**

Section 63.7545(b)(2) requires you to include in this Initial Notification a signed statement indicating whether your affected source has a federally enforceable permit that limits the annual capacity factor to less than or equal to 10 percent.

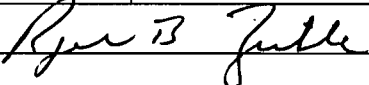
- My facility has a federally enforceable permit that limits the annual capacity factor to less than or equal to 10 percent for the following boilers and process heaters.

Use the facility identification number from section I.A.

- My facility does not have federally enforceable permit that limits the annual capacity factor for any individual boiler or process heater to less than or equal to 10 percent.

**SECTION IV
CERTIFICATION**

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained or referenced in this initial notification report are true, accurate, and complete.

Name of Responsible Official (Print or Type)	Title	Date (mm/dd/yy)
Roger B. Zirkle	Plant Manager	11/4/05
Signature of Responsible Official		
		

Note: Responsible official is defined in 40 CFR §63.2, §70.2 and §71.2 and in EPA-approved State title V operating permits programs.

INITIAL NOTIFICATION REPORT

What is the purpose of this form?

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This form is provided for your convenience. You are not required to use this form and may choose your own format to submit the required information.

By when must I submit an Initial Notification?

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To whom do I submit this Initial Notification?

The rule states that notification must be sent to the EPA Administrator. In practice, the Administrator delegates implementation and enforcement to EPA Regional Offices listed at 40 CFR 63.13, Subpart A (General Provisions) servicing your area. You should first contact your State or local air pollution control agency to see if it has taken delegation to act in place of the EPA Administrator. If so, your initial notification and other reports should be sent to that agency. If not, reports should be sent to the EPA Regional Office.

Do other documents meet the requirements of the Initial Notification?

Application for Approval of Construction or Reconstruction. *If your boiler or process heater will be a new or reconstructed major affected source, you are required by 40 CFR 63.5(d) to submit an Application for Approval of Construction or Reconstruction as soon as practicable before actual construction or reconstruction begins. If you are also required to submit an Initial Notification (not all new or reconstructed units are required to submit Initial Notifications), you may, as allowed under 40 CFR 63.9(b)(1)(iii), submit this Application for Approval of Construction or Reconstruction in lieu of an Initial Notification. If you choose to take advantage of this option, you must submit the Application for Approval of Construction or Reconstruction according to the time frames established in 40 CFR 63.5(d) instead of the time frames established for submitting Initial Notifications in 40 CFR 63.7545. Additionally, it is important to note that all sources that are new or reconstructed major affected sources must meet the requirements of 40 CFR 63.9(b)(4) in addition to complying with the requirements of 40 CFR 63.5(d).*

INITIAL NOTIFICATION REPORT

SECTION I GENERAL INFORMATION

This form is being submitted in accordance with 40 CFR 63.9(b) and as required by 40 CFR 63.7545.

If you own or operate an affected source, submit this report by MARCH 12, 2005, or WITHIN 120 CALENDAR DAYS after your boiler or process heater becomes subject to the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters, whichever is later.

- A. Print or type the following information for each facility for which you are making initial notification: (§63.9(b)(2)(i)-(ii))

Operating Permit Number (IF AVAILABLE)		Facility I.D. Number (IF AVAILABLE)	
1050223-012-AV		1050223	
Responsible Official's Name/Title			
Roger B. Zirkle			
Street Address			
7700 County Road 555			
City	State	ZIP Code	
Bartow	Fl.	33830	
Facility Name			
Tiger Bay Cogeneration Facility			
Facility Street Address (If different than Responsible Official's Street Address)			
3219 County Rd. 630 West, Ft. Meade, Fl. 33841			
Facility Local Contact Name		Title	Phone
Mark Lobe		Sr Environmental Specialist	863 519 6106
City	State	ZIP Code	
Bartow	Fl.	33830	

Check the box that applies. (§63.9(b)(2)(v))

My facility is a major source of Hazardous Air Pollutants (HAP)

My facility is an area source of HAP

NOTE: A major source is a source that emits or has the potential to emit 10 tons per year, or more, of any one HAP or 25 tons per year, or more, of multiple HAP. All other sources are area sources. The major/area source determination is based on all HAP emission points inside the facility fence line, not just inside the facility itself.

If you answered that your facility is an area source, the facility is not subject to this rule. Records of your applicability determination must be maintained on site for 5 years. See 40 CFR 63.10(b)(3). If you answered that your facility is a major source for HAP emissions, complete the remaining questions.

C. Indicate the relevant standard or other requirement that is the basis for this notification and the source's compliance date: (§63.9(b)(2)(iii))

Basis for this notification (relevant standard or other requirement)	Anticipated Compliance Date (mm/dd/yy)
National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters (40 CFR Part 63, Subpart DDDDD)	N/A – Initial Notification only

**SECTION II
SOURCE DESCRIPTION**

A. Briefly describe the nature, size, design, and method of operation of the source. (§63.9(b)(2)(iv))

This emission unit is a 100 million Btu per hour (MMBtu/hr) package steam generation unit (boiler), manufactured by Cleaver-Brooks (Model DL-94). At 100 MMBtu/hr, this unit is capable of generating 85,000 pounds of steam. The purpose of this unit is to provide a back-up supply of steam during periods of non-operation of the facility's combustion turbine. This steam will be used strictly to meet the requirements of a steam contract with the facility's property host.

NOTE: If the same information requested above is contained in a title V permit application or permit, you may attach the relevant pages from that document to this notification and reference those pages above.

B. Identify the types of emission points within the affected source subject to the relevant standard and the types of hazardous air pollutants emitted. (§63.9(b)(2)(iv))

Types of Emission Points

NOTE: Boilers and process heaters are typically served by chimneys or stacks for flue gas release and dispersion.

Single stack

Types of HAP Emitted

Check the boxes indicating the principal types of HAP emitted by the affected source (i.e., boilers and process heaters). Check all that apply. For example, coal and residual oil fired boilers or process heaters would typically emit all three types of HAP. Natural gas fired boilers or process heaters would typically emit organic HAP.

- Metal HAP (for example, arsenic, beryllium, cadmium, chromium, cobalt, lead, manganese, mercury, nickel, selenium)
- Organic HAP (for example, acetaldehyde, benzene, formaldehyde, toluene, xylenes)
- Acid gas HAP (for example, hydrogen chloride, hydrogen fluoride)

**SECTION III
SPECIFIC REQUIREMENTS**

Section 63.7545(b)(2) requires you to include in this Initial Notification a signed statement indicating whether your affected source has a federally enforceable permit that limits the annual capacity factor to less than or equal to 10 percent.

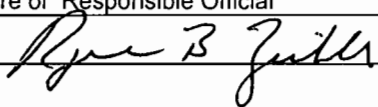
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Use the facility identification number from section I.A.

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Name of Responsible Official (Print or Type)	Title	Date (mm/dd/yy)
Roger B. Zirkle	Plant Manager	1/4/05
Signature of Responsible Official		
		

Note: Responsible official is defined in 40 CFR §63.2, §70.2 and §71.2 and in EPA-approved State title V operating permits programs.

Hines/TB Respirator Medicals Training Matrix		HALF FACE RESPIRATOR MEDICAL	MEDICAL RESP. USER POS PRESS	MEDICAL-RESP. USER FULL FACE	PERCENT COMPLETE
Training / Qualification ID:		SF10022G	SF10025G	SF10020G	
Frequency:		36	36	36	
Type:		Req - Off	Req - Off	Req - Off	
Barron, John F	136480936				0%
Blackwell, Waide G	433270078				0%
Boyd, Nelson R	262797612				0%
Coward, Gregory F	544724917	2/28/2005	2/28/2005	2/28/2005	100%
Cunningham III, Mac H	267496924	2/28/2005	2/28/2005	2/28/2005	100%
DeLong, Timothy C	336602620	6/30/2005	6/30/2005	6/30/2005	100%
Dial, Bobby G	348423280	3/31/2005	3/31/2005	3/31/2005	100%
Ferguson, Austin S	468279217	2/28/2005	2/28/2005	2/28/2005	100%
Griffin, Christopher C	435398441	2/28/2005	2/28/2005	2/28/2005	100%
Hale Jr., James H	400827648	2/28/2005	2/28/2005	2/28/2005	100%
Haynes, Michael D	094669584	2/28/2005	2/28/2005	2/28/2005	100%
Herlocker, David C	589203654	2/28/2005	2/28/2005	2/28/2005	100%
Hiles, Jeremy G.	227367966				0%
Holland, Thomas L.	594076744				0%
Loenichen, Robert F	222500377	2/28/2005	2/28/2005	2/28/2005	100%
McKay, Lynden E	267958787				0%
Moyer, Michael P	179446767	6/30/2005	6/30/2005	6/30/2005	100%
New, David L	184340601	2/28/2005	2/28/2005	2/28/2005	100%
Peck, Bradford L	370841281	2/28/2005	2/28/2005	2/28/2005	100%
Polonczyk, Thomas C	139584608	2/28/2005	2/28/2005	2/28/2005	100%
Rhodes, Robert Gary	134603899				0%
Schimborski, David R	185586270	2/28/2005	2/28/2005	2/28/2005	100%
Scrogg, Richard K	228167095	2/28/2005	2/28/2005	2/28/2005	100%
Scroggin, Gregory	285838528				0%
Sheffer, Joseph R	287622796	3/31/2005	3/31/2005	3/31/2005	100%
Smith, Timothy Mark	428388687	2/28/2005	2/28/2005	2/28/2005	100%
Super, Scott C.	166586303	2/28/2005	2/28/2005	2/28/2005	100%
Thibodeaux, Jason L.	434169021				0%
Thivierge Jr., Charles W	381682074	2/28/2005	2/28/2005	2/28/2005	100%
Webb, Donald	230257281	2/28/2005	2/28/2005	2/28/2005	100%
Wilson Jr., Carl O	568389544				0%
Zintel, George E	264818364	2/28/2005	2/28/2005	2/28/2005	100%
PERCENT COMPLETE		69%	69%	69%	88%