

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
NOTICE OF PERMIT

In the matter of an
Application for Permit by:

DER File No. PSD-FL-168
Martin County

Mr. Stephen A. Sorrentino
Indiantown Cogeneration, L.P.
7475 Wisconsin Ave.
Bethesda, MD 20814-3422

Enclosed is Permit Number PSD-FL-168 to construct a cogeneration project,
issued pursuant to Section(s) 403, Florida Statutes.

Any party to this Order (permit) has the right to seek judicial review of the
permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of
Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the
Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road,
Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal
accompanied by the applicable filing fees with the appropriate District Court of
Appeal. The Notice of Appeal must be filed within 30 days from the date this
Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

Barry D. Antler

for

C. H. Fancy, P.E., Chief
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400
904-488-1344

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this
NOTICE OF PERMIT and all copies were mailed before the close of business on
3/26/92 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED,
on this date, pursuant to
§120.52(11), Florida Statutes,
with the designated Department
Clerk, receipt of which is hereby
acknowledged.

Kevin J. Ober
(Clerk)

3/26/92
(Date)

Copies furnished to:
Jewell A. Harper, EPA
Isidore Goldman, SED
James W. Coleman, Jr., NPS
Steve Jelinek, ENSR

B. Andrews
M. Bennett
J. Rogers
C. Shauer, NPS
B. Owen

P 617 884 158



Certified Mail Receipt
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Mr. Stephen A. Sorrentino	
Street & No.	
7475 Wisconsin Ave.	
P.O., State & ZIP Code	
Bethesda, MD 20814-3422	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$
Postmark or Date	
Mailed: 3-26-92	
Permit: PSD-FL-168	

PS Form 3800, June 1990

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Mr. Stephen A. Sorrentino
Indiantown Cogeneration, L.P.
7475 Wisconsin Ave.
Bethesda, MD 20814-3422

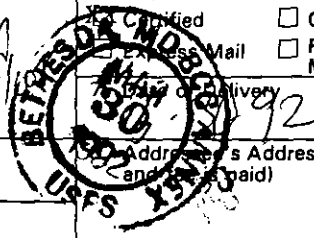
4a. Article Number
P 617 884 158

- 4b. Service Type
- Registered
 - Insured
 - Certified Mail
 - COD
 - Return Receipt for Merchandise

5. Signature (Addressee)

6. Signature (Agent)

Kara Masteller



Final Determination

PG&E/Bechtel Generating Company
Indiantown Cogeneration, L.P.
Martin County, Florida

Indiantown Cogeneration Project

PSD-FL-168

Department of Environmental Regulation
Division of Air Resources Management
Bureau of Air Regulation

March 17, 1992

Final Determination

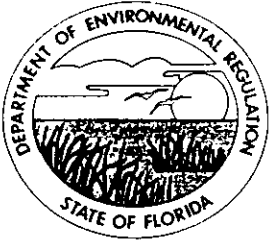
The Indiantown Cogeneration, L.P. (ICL) PSD permit application (part of the Power Plant Siting application) has been reviewed by the Division of Air Resources Management. Comments received from EPA Region IV dated February 25, 1992 (see attachment 1) and United States Department of the Interior, National Park Service (NPS), Southeast Regional Office dated February 21, 1992 (see attachment 2) are addressed below.

Best Available Control Technology (BACT): The EPA agreed that FDER's BACT was consistent with the most recent determinations for pulverized coal (PC) boilers for particulate, SO₂, and NO_x. However, EPA recommended that the permit include a new specific condition to follow in the event that the selective noncatalytic reduction (SNCR) system was incapable of achieving the 0.17 lb/MMBtu (24-hour avg.) NO_x level. FDER has written Specific Condition No. 6 addressing EPA's concern. We are also requesting an opportunity to review the plans and specifications to assure that an appropriate design basis exists.

The NPS also expressed agreement with FDER's determination for particulate and SO₂ emission limitations and the method of control. However, they recommended that the source be required to install selective catalytic reduction (SCR) for NO_x control since it is being required for similar projects in New Jersey and Virginia. In the case of New Jersey, it is our understanding that the facilities are in ozone nonattainment areas. However, the ICL project is in an attainment area for all pollutants. Over the past two years FDER has required sources to achieve lower and lower NO_x levels as the technology advances. The NO_x level required for the Indiantown Cogeneration facility meets FDER's goals and time table. As indicated above, the source will be required to achieve the specified NO_x limit using whatever technologies are necessary.

Modeling: The NPS expressed concern about the impact of SO₂, NO_x, and VOC emissions on Class I areas. FDER is also concerned about the emissions of these pollutants even though the source is more than 100 km from any national park. However, the EPA ISCST model run for the ICL project indicated that the emissions were well below levels of concern for Class I areas.

The final action of the Department will be to issue construction permit PSD-FL-168 as proposed in the Technical Evaluation and Preliminary Determination.



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

PERMITTEE:
Indiantown Cogeneration, L.P.
7475 Wisconsin Ave.
Bethesda, MD 20814-3422

Permit Number: PSD-FL-168
County: Martin
Latitude/Longitude: 27°02'20"N
80°30'45"W

Project: Indiantown
Cogeneration Project

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

The Indiantown Cogeneration, L.P. (ICL) proposes to construct a cogeneration project near Indiantown, Florida. The proposed plant is a pulverized-coal-fired facility that will produce approximately 330 megawatts (MW) of electricity for sale to the Florida Power and Light Company (FPL) and approximately 225,000 lb/hour of process steam for sale to the Caulkins Indiantown Citrus Company ("Caulkins"). The site, which occupies approximately 232 acres, is located 9 miles east of Lake Okeechobee and about 3 miles northwest of the community of Indiantown in southwestern Martin County.

The proposed facility includes one main boiler and one steam generator, and an auxiliary boiler operated during lightoff and startup of the main boiler or if the main boiler is down and process steam is required for Caulkins Citrus Processing. The primary source of air emissions will be the main boiler, firing coal. Secondary air emission sources include the auxiliary boiler firing natural gas or No. 2 fuel oil, and the material handling systems. The operation of these units will result in significant net emissions increases of regulated air pollutants over the current emissions levels and thus, is subject to review by the Department under the prevention of significant deterioration (PSD) regulations (Rule 17-2.500, Florida Administration Code).

The power plant site certification number for this project is PA 90-31.

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

PERMITTEE:
Indiantown Cogeneration, L. P.

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Attachments are listed below:

1. Power Plant Site Certification Package PA 90-31 and its associated attachments, dated September 6, 1991.
2. DER's Technical Evaluation and Preliminary Determination dated December 26, 1991.
3. Letter from National Park Service dated February 20, 1992.
4. Letter from EPA dated February 25, 1992.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

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GENERAL CONDITIONS:

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department

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as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-30.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- (x) Determination of Best Available Control Technology (BACT)
- (x) Determination of Prevention of Significant Deterioration (PSD)
- (x) Compliance with New Source Performance Standards (NSPS)

14. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement,

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report, or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. Beginning with the fifth quarter of operation, the Permittee shall submit to the Bureau of Air Regulation and the Air Section, Southeast District office, a quarterly report for the previous quarter showing the 12 month rolling average capacity factor for the generating unit.

The 12 month rolling average capacity factor shall be calculated by dividing each unit's megawatt hours output of generation by the product of the official megawatt rating of the unit and the number of hours in the 12 month period.

2. Only coal, natural gas or No. 2 fuel oil shall be fired in the pulverized coal (PC) boiler and auxiliary boiler.

3. The maximum heat input to the PC boiler shall not exceed 3422 MMBtu/hr while firing coal. The auxiliary boiler shall not exceed 342 MMBtu/hr while firing No. 2 fuel oil and 358 MMBtu/hr firing natural gas or propane.

4. The PC boiler shall be allowed to operate continuously (8760 hrs/yr). The auxiliary boiler shall operate a maximum of 5000 hrs with up to 1000 hrs/yr on No. 2 fuel oil with 0.05% sulfur, by

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weight, and the balance on natural gas or propane. Fuel consumption must be continuously measured and recorded by fuel type (coal, natural gas or No. 2 fuel oil) for both the PC boiler and auxiliary boiler.

5. Based on a permitted heat input of 3422 MMBtu/hr, the stack emissions from the main boiler shall not exceed any of the following limitations:

Pollutant	Basis lb/MMBtu	Emission Limitation	
		lb/hr	TPY
SO ₂	0.170*	582*	2549
NO _x	0.170*	582*	2549
PM	0.018	61.6	270
PM ₁₀	0.018	61.6	270
CO	0.110	376*	1649
VOC	0.0036	12.32	54.0
H ₂ SO ₄	0.0004	1.45	6.51
Beryllium	0.0000027	0.0094	0.041
Mercury	0.0000114	0.039	0.17
Lead	0.00001	0.034	0.15
Fluorides	0.0015	5.08	22.3
Arsenic	0.000051	0.18	0.77

*24 hour daily block average (midnight to midnight)

6. The 0.170 lb/MMBtu NO_x emission rate is the basis for the above maximum emission limitation. The permittee is allowed to use any technology (e.g. SNCR, SCR, or combustion controls) to achieve the NO_x limitation. Should a technology be chosen which does not meet the specified NO_x limits, the permittee must apply whatever technologies deemed necessary to ensure that the NO_x limitation is met. Plans and specifications must be submitted to DER's Bureau of Air Regulation in Tallahassee for review within 90 days after they become available.

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7. NH₃ (Ammonia) - Slip from exhaust gases shall not exceed 50 ppmv.

8. Visible Emissions (VE) from each baghouse exhaust shall not exceed 10% opacity (six minute average). No VE during lime silo loading operations (i.e., less than 5% opacity). VE from the ash handling baghouse shall not exceed a particulate limit of 0.010 grains/acf and VE of 5% opacity.

9. The auxilliary boiler, rated at up to 358 MMBtu/hr (Natural Gas and propane) and 342 MMBtu/hr (No. 2 fuel oil), shall be limited to a maximum of 5000 hours/year with up to 1000 hrs/yr firing No. 2 fuel oil with 0.05% sulfur, by weight, and the balance firing natural gas or propane. The maximum annual emissions will be as follows when firing No. 2 fuel oil for 1000 hrs/yr:

EMISSION LIMITATION

<u>Pollutant</u>	<u>lbs/hr</u>	<u>tons/year</u>
NO _x	68.0	34
SO ₂	18.0	9
PM	1.4	0.70
PM ₁₀	1.4	0.70
CO	48.0	24
VOC	0.620	0.31
Be	4.0 x 10 ⁻⁵	2.0 x 10 ⁻⁵
Hg	5.2 x 10 ⁻⁴	2.6 x 10 ⁻⁴
Pb	3.6 x 10 ⁻²	1.8 x 10 ⁻²
As	6.8 x 10 ⁻³	3.4 x 10 ⁻³

10. Particulate emissions from the coal, and limestone handling facilities shall be controlled by enclosing all conveyors and conveyor transfer points (except those directly associated with the coal stacker/reclaimer for which an enclosure is operationally infeasible). Fugitive emission shall be tested as specified in Specific Condition No. 19. Inactive coal storage piles shall be shaped, compacted, and oriented to minimize wind erosion, and covered. Water sprays or chemical wetting agents and stabilizers shall be applied to uncovered storage piles, roads, handling equipment, etc. during dry periods and as necessary to all facilities to maintain an opacity of less than or equal to 5 percent. When adding, moving or removing coal from the coal pile an opacity of 20% is allowed. The lime handling system including the lime silos shall be maintained at a negative pressure while operating and the exhaust vented to a control system. The fly ash handling system (including transfer and silo storage) shall

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be totally enclosed and vented (including pneumatic system exhaust) through fabric filters.

Submit for approval to the Department, Bureau of Air Regulation in Tallahassee within thirty (30) days after it becomes available, copies of technical data pertaining to the selected particulate emissions control for the coal, and lime handling facilities. These data shall include, but not be limited to guaranteed efficiency and emission rates, and major design parameters such as air/cloth ratio and flow rate. The Department shall issue a response within 30 days of receipt of the technical data.

11. Particulate emissions from bag filter exhausts from the coal, lime and flyash handling systems shall be limited to 0.010 gr/acf. A visible emission reading of 5% opacity or less may be used to establish compliance with this emission limit. A visible emission reading greater than 5% opacity will not create a presumption that the 0.010 gr/acf emission limit is being violated. However, a visible emission reading greater than 5% opacity will require the permittee to perform a stack test. Verification and recording of the above requirements for particulate emissions shall be done at least annually.

12. Emissions shall not be visible more than 2 minutes in any 15 minute period. Compliance with fugitive emissions limitations from all transfer points will be determined by EPA/DER referenced Method 22 and opacity Method 9 (Appendix A, 40 CFR 60).

13. Coal shall not be burned in the unit unless the spray dryer scrubber, fabric filter baghouse and other air pollution control devices are operating properly except as provided under 40 CFR Part 60, Subpart Da. Any malfunctions of these air pollution control devices are to be recorded; including duration, cause, and description of repair.

14. The fuel oil to be fired in the PC boiler and the auxiliary boiler shall be "new oil" which means an oil which has been refined from crude oil and has not been used. The quality of the No. 2 fuel oil used by the auxiliary boiler shall not contain more than 0.05% sulfur, by weight, based on each shipment analysis report.

15. No fraction of flue gas shall be allowed to bypass the air pollution control devices (PCD) system to reheat the gases exiting from the PCD system, if the bypass will cause emissions above the limits specified. The percentage and amount of flue gas bypassing

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the PCD system shall be documented and records kept for a minimum of two years and must be available for FDER's inspection.

16. All fuel oil and coal shipments shall have a shipment analysis for sulfur content, ash content, and heating value. In the event continuous emission monitoring of sulfur dioxide is not performed, a daily analysis of coal sulfur content for the purpose of establishing the percentage reduction in potential sulfur emissions shall be made. Such determination shall be in accordance with EPA reference Method 19. Records of all the analyses shall be kept for FDER inspection for a minimum of two years after the data is recorded.

17. The applicant shall comply with applicable requirements and provisions of the New Source Performance Standard for electric utility steam generating units (40 CFR 60 Part Da).

18. Within 60 calendar days after achieving the permitted capacity at which the unit will be operated, but no later than 180 calendar days after initial startup, the permittee shall conduct stack tests for particulates, SO₂, NO_x, and visible emissions and furnish the Department a written report of the results of such tests within 45 days of completion of the tests. The tests shall be conducted in accordance with the provisions specified in 40 CFR 60 and shall be conducted within 90-100% of capacity.

19. Compliance with emission limitation standards shall be demonstrated using EPA Methods, as contained in 40 CFR Part 60 (Standards of Performance for New Stationary Sources), or 40 CFR Part 61 (National Emission Standards for Hazardous Air Pollutants), or any other method approved by the Department and EPA, in accordance with F.A.C. Rule 17-2.700.

<u>EPA Method</u>	<u>For Determination of</u>
1	Selection of sample site and velocity traverses.
2	Stack gas flow rate when converting concentrations to or from mass emission limits.
3	Gas analysis when needed for calculation of molecular weight or percent O ₂ .
4	Moisture content when converting stack velocity to dry volumetric flow rate for use in converting concentrations in dry gases to or from mass emission limits.

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- | | |
|--------------|--|
| 5 | Particulate matter concentration and mass emissions. |
| 201 or 201A | PM ₁₀ emissions. |
| 6, 6C, or 19 | Sulfur dioxide emissions from stationary sources. |
| 7, 7C, or 19 | Nitrogen oxide emissions from stationary sources. |
| 8 | Sulfuric acid mist from stationary source. |
| 9 | Visible emission determination of opacity. <ul style="list-style-type: none">- At least three one hour runs to be conducted simultaneously with particulate testing for the emissions from dry scrubber/baghouse, and ash handling building baghouse.- At least one lime vehicle unloading into the lime silo (from start to finish). |
| 22 | Fugitive emissions from transfer points. |
| 10 | Carbon monoxide emissions from stationary sources. |
| 12 or 101A | Lead concentration from stationary sources. |
| 13A or 13B | Fluoride emissions from stationary sources. |
| 18 or 25, | Volatile organic compounds concentration. |
| 101A or 108 | Mercury emissions. |
| 104 | Beryllium emission rate and associated moisture content. |

NOTE: Use EPA draft method or other methods approved by Department to test for ammonia.

20. Performance tests shall be conducted under such conditions as the Department shall specify based on representative performance of the facility. The permittee shall make available to the Department

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such records as may be necessary to determine the conditions of the performance tests.

21. The permittee shall provide written notice to the Southeast District office 30 days prior to the tests in order to afford the Department the opportunity to have an observer present.

22. Stack tests for particulates (PM and PM₁₀), NO_x and SO₂ and visible emissions shall be performed annually.

23. Stack emission monitoring shall include a flue gas oxygen meter to continuously monitor a representative sample of the flue gas. The oxygen monitor shall be used with automatic feedback controls to continuously maintain air/fuel ratio parameters at an optimum. The permittee shall install and operate continuously monitoring devices for each main boiler exhaust for sulfur dioxide, nitrogen dioxide and opacity, including flue gas O₂ and/or CO₂ content. The monitoring devices shall meet the applicable requirements of Section 17-2, F.A.C., and 40 CFR 60 a minimum of 95% of the time the source is operating.

24. The permittee shall operate two continuous ambient air monitoring sites for sulfur dioxide in accordance with FDER quality control procedures and EPA reference methods in 40 CFR, Part 53, and two ambient air monitoring sites for suspended particulates, and one continuous NO_x monitor site. The ambient monitoring site locations shall be approved by the Department's Bureau of Air Monitoring and Assessment. The frequency of operation of the particulate monitors shall be every six days commencing as specified by the Department's Bureau of Air Monitoring and Assessment. During construction and operation, wind speed/wind direction will be recorded and reported with the ambient data.

25. The permittee shall provide stack sampling facilities as required by Rule 17-2.700(4) FAC.

26. The ambient monitoring program shall begin at least one year prior to initial start up of the unit and shall continue for at least one year after commencement of commercial operation. The Department's Bureau of Air Monitoring and Assessment and the permittee shall review the results of the monitoring program annually and determine the necessity for the continuation of or modifications to the monitoring program.

27. Prior to operation of the source, the permittee shall submit to the Department's Bureau of Air Regulation a plan or procedure

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that will allow the permittee to monitor emission control equipment efficiency and enable the permittee to return malfunctioning equipment to proper operation as expeditiously as possible.

28. Stack monitoring, fuel usage and fuel analysis data shall be reported to the Department's Southeast District Office on a quarterly basis commencing with the start of commercial operation in accordance with 40 CFR, Part 60, Section 60.7, and 60.49a and in accordance with Section 17-2.08, FAC.

29. Utilizing the Aerometric Information and Retrieval System (AIRS) or other format approved in writing by the Department, ambient air monitoring data shall be reported to the Bureau of Air Monitoring and Assessment of the Department quarterly. Upon commencement of ambient air monitoring, such reports shall be due within 45 days of the end of the quarterly reporting period. Reporting and monitoring shall be in conformance with 40 CFR Parts 53 and 58.

30. Beginning one month after certification, the permittee shall submit to the Department a quarterly status report briefly outlining progress made on engineering design and purchase of major pieces of air pollution control equipment. All reports and information required to be submitted under this condition shall be submitted to the Siting Coordination Office, Department of Environmental Regulation, 2600 Blair Stone Road, Tallahassee, Florida, 32301.

31. In the event of a prolonged (thirty days or more) equipment malfunction or shutdown of air pollution control equipment, operation shall be allowed to resume and continue to take place under appropriate Department order, provided that the Permittee demonstrates such operation will be in compliance with all applicable ambient air quality standards and PSD increments. During such malfunction or shutdown, operation of the facility shall comply with all other requirements of this permit and all applicable state and federal emission standards not affected by the malfunction or shutdown which is the subject of the Order. Operational stoppages exceeding two hours for air pollution control systems are to be reported to the Southeast District office. Operational malfunctions which do not stop operation but may prevent compliance with emission limitations must also be reported to the Southeast District office.

PERMITTEE:
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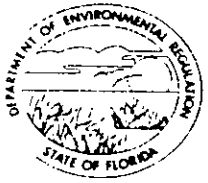
SPECIFIC CONDITIONS:

Issued this 25th day
of March, 1992

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



Carol M. Browner, Secretary



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To _____	Location: _____
To _____	Location: _____
To _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Carol Browner
FROM: Steve Smallwood *JS*
DATE: March 17, 1992
SUBJ: Approval of Construction Permit, PSD-FL-168
Indiantown Cogeneration, L.P.

Attached for your approval and signature is the Final Determination and permit based on the Best Available Control Technology (BACT) determination, Prevention of Significant Deterioration (PSD) determination, and New Source Performance Standards (NSPS) compliance. The attached was prepared by the Bureau of Air Regulation for the above mentioned company to construct a cogeneration project.

I recommend your approval and signature.

SS/PL/plm

Attachments

Carol- Let me know if you want a verbal briefing on this JS 3-19-92