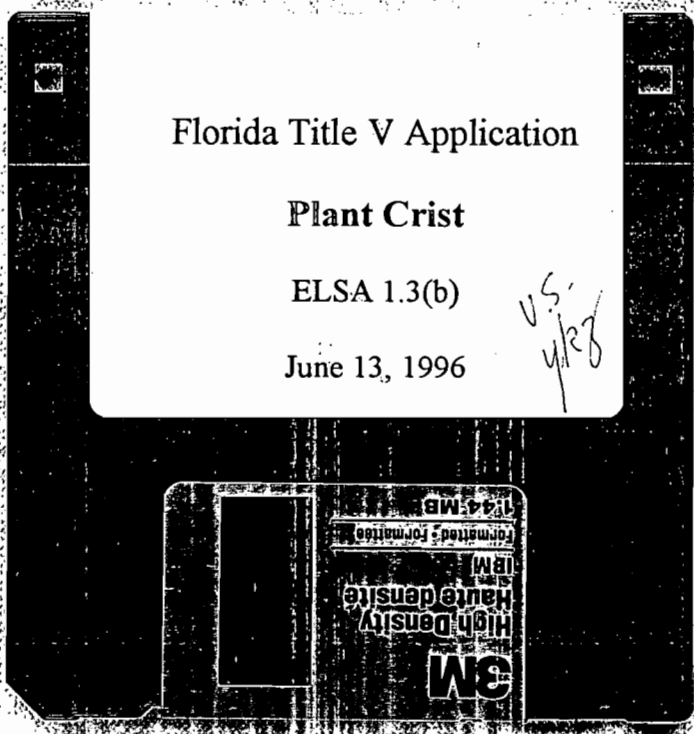




Title V
CRIST ELECTRIC
GENERATING

PLANT PERMIT
APPLICATION

Volume I



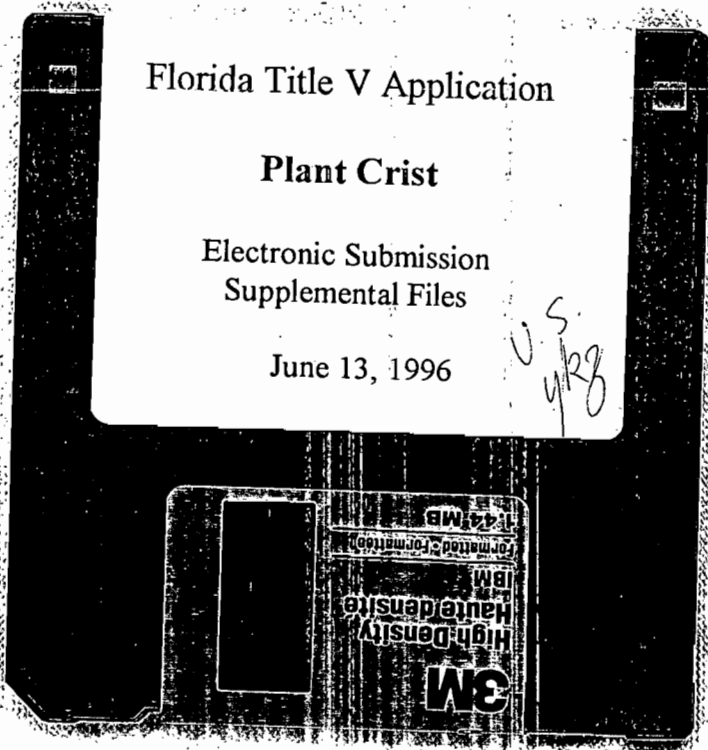
Florida Title V Application

Plant Crist

ELSA 1.3(b)

June 13, 1996

V.S.
4/28



Florida Title V Application

Plant Crist

Electronic Submission
Supplemental Files

June 13, 1996

V.S.
4/28

1. Application Info



Gulf Power

The Southern Electric System

June 13, 1996

Mr. John Brown
Florida Department of Environmental Protection
Division of Air Resources Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Mr. Brown:

Re: GULF POWER COMPANY TITLE V APPLICATIONS
PLANT CRIST, PLANT SCHOLZ, PLANT LANSING SMITH

Gulf Power Company hereby submits one original and three copies of Title V applications for electric generating facilities located at Plant Crist, Plant Scholz, and Plant Lansing Smith as required under 62-210.300 F.A.C. These applications were formatted pursuant to FDEP's ELSA 1.3 software and contain several inaccuracies due to problems within the ELSA software. The following items should be noted regarding these applications:

- Comment sections are limited in many cases due to the available field size. The Department reviewer should refer to all attachments referenced in the comment sections to gain a clear understanding of the comments.
- ELSA numerical values are rounded automatically, usually to two decimal points causing problems with potential emission calculations for HAPS and "Allowable" emissions. Please note that not all calculations round correctly from lbs/hour to tons/year, etc.
- Each facility application contains detailed inventories of hazardous air pollutants (HAPS) under the "Emissions Unit Pollutant" section. These pollutants are listed for informational purposes for total HAPS only and are considered non-regulated emissions.

Additionally, please find an electronic copy located in the first volume of the above referenced applications formatted in ELSA 1.3(b). The electronic version is being submitted to assist the Department in processing these applications. However, Gulf Power feels that the written hard copy should be considered the official version because of problems encountered in upgrading the older version of ELSA to the new.

Mr. John Brown
June 13, 1996
Page 2

If you have questions or need further information regarding Gulf Power's Title V applications please call me at (904) 444-6527.

Sincerely,



G. Dwain Waters
Air Quality Programs Coordinator

Attachments

cc w/att: J. O. Vick, Gulf Power Company
J. M. Dominey, Gulf Power Company
S. H. Houston, Gulf Power Company
K. Peacock, Gulf Power Company
G. N. Terry, Gulf Power Company
L. S. Noack, Gulf Power Company
K. F. Kosky, KBN Engineering

cc w/o att: G. Edison Holland, Jr, Gulf Power Company
C. R. Lee, Gulf Power Company
Joseph W. Martin, Gulf Power Company
Lewis A. Jeffers, Gulf Power Company
Howard Rhodes, Florida Department of Environmental Protection
Angela Morrison, Hopping, Green, Sams & Smith
Danny Herrin, Southern Company Services

Plant Crist
Index of Electronic Submission Supplemental Files

File name	Hardcopy Location		Description
	ELSA Section	Volume	
CR1RULE.EPA	II. Facility Information	I	EPA Applicable Requirements List
CR1RULE.DEP	II. Facility Information	I	FDEP Applicable Requirements List
FS2CR.PRE	FS-2	I	Unit Emissions Plot Plan
FS3CR.PRE	FS-3	I	Facility Process Flow
FS4CR.DOC	FS-4	I	Precautions to Prevent Emissions of Unconfined Particulate Matter
FS7CR.DOC	FS-7	I	Trivial and Exempt Activities Summary
FS14CR.DOC	FS-14	I	Compliance Report and Plan
FS15GR.DOC	FS-15	I	Compliance Certification
CR1RULE.DEP	Emission Unit 1 D. Emissions Unit Regulations	I	FDEP Applicable Requirements List
CR1RULE.EPA	Emission Unit 1 D. Emissions Unit Regulations	I	EPA Applicable Requirements List
CR2RULE.DEP	Emission Unit 2 D. Emissions Unit Regulations	I	FDEP Applicable Requirements List
CR2RULE.EPA	Emission Unit 2 D. Emissions Unit Regulations	I	EPA Applicable Requirements List
CR3RULE.DEP	Emission Unit 3 D. Emissions Unit Regulations	I	FDEP Applicable Requirements List
CR3RULE.EPA	Emission Unit 3 D. Emissions Unit Regulations	I	EPA Applicable Requirements List
CR4RULE.DEP	Emission Unit 1 D. Emissions Unit Regulations	II	FDEP Applicable Requirements List
CR4RULE.EPA	Emission Unit 1 D. Emissions Unit Regulations	II	EPA Applicable Requirements List
CR5RULE.DEP	Emission Unit 2 D. Emissions Unit Regulations	II	FDEP Applicable Requirements List
CR5RULE.EPA	Emission Unit 2 D. Emissions Unit Regulations	II	EPA Applicable Requirements List
CR6RULE.DEP	Emission Unit 3 D. Emissions Unit Regulations	II	FDEP Applicable Requirements List
CR6RULE.EPA	Emission Unit 3 D. Emissions Unit Regulations	II	EPA Applicable Requirements List

Plant Crist
Index of Electronic Submission Supplemental Files

File name	Hardcopy Location		Description
	ELSA Section	Volume	
CR7RULE.DEP	Emission Unit 1 D. Emissions Unit Regulations	II	FDEP Applicable Requirements List
CR7RULE.EPA	Emission Unit 1 D. Emissions Unit Regulations	II	EPA Applicable Requirements List
CR8RULE.DEP	Emission Unit 2 D. Emissions Unit Regulations	III	FDEP Applicable Requirements List
CR8RULE.EPA	Emission Unit 2 D. Emissions Unit Regulations	III	EPA Applicable Requirements List
EU9CR.DOC	Emission Unit 4 L. Emissions Unit Supplemental Information	III	Miscellaneous Coal/Ash Emissions
EU9CR.WK4	Emission Unit 4 L. Emissions Unit Supplemental Information	III	Fugitive Emissions Worksheets
EU10CR.DOC	Emission Unit 5 L. Emissions Unit Supplemental Information	III	Miscellaneous Emissions
EU10CRCT.WK4	Emission Unit 5 L. Emissions Unit Supplemental Information	III	Cooling Tower Information
EU10CRTK.WK4	Emission Unit 5 L. Emissions Unit Supplemental Information	III	Tank Summary Spreadsheet
EU10CRTK.TXT	Emission Unit 5 L. Emissions Unit Supplemental Information	III	TANKS Output
EUS1CR.PRE	EUS-1	III	Unit 1 Process Flow Diagram Unit 2 Process Flow Diagram Unit 3 Process Flow Diagram Unit 4 Process Flow Diagram Unit 5 Process Flow Diagram Unit 6 Process Flow Diagram Unit 7 Process Flow Diagram Ash Handling Process Flow Diagram page 1 Ash Handling Process Flow Diagram page 2 Material Handling Coal Pile and Conveyors Material Handling Ashponds and Landfills Material Handling Process Flow Tanks Plot Plan Cooling Tower Plot Plan Tanks Process Flow
EUS3CR4H.DOC	EUS-3	III	Electrostatic Precipitators Unit 4 - Hot
EUS3CR4C.DOC	EUS-3	III	Electrostatic Precipitators Unit 4 - Cold
EUS3CR5H.DOC	EUS-3	III	Electrostatic Precipitators Unit 5 - Hot

Plant Crist
Index of Electronic Submission Supplemental Files

File name	Hardcopy Location		Description
	ELSA Section	Volume	
EUS3CR5C.DOC	EUS-3	III	Electrostatic Precipitators Unit 5 - Cold
EUS3CR6.DOC	EUS-3	III	Electrostatic Precipitators Unit 6
EUS3CR7.DOC	EUS-3	III	Electrostatic Precipitators Unit 7
EUS3CRAM.DOC	EUS-3	III	Crist Unit 7 Ammonia Injection System
EUS6CR1.DOC	EUS-6	V	Crist Units 1,2,3 Startup & Shutdown Procedures
EUS6CR4.DOC	EUS-6	V	Crist Units 4&5 Startup & Shutdown Procedures
EUS6CR6.DOC	EUS-6	V	Crist Unit 6 Startup & Shutdown Procedures
EUS6CR7.DOC	EUS-6	V	Crist Unit 7 Startup & Shutdown Procedures
EU10CR1.DOC	EUS-10	V	Alternative Methods of Operation Unit 1,2,3
EU10CR4.DOC	EUS-10	V	Alternative Methods of Operation Unit 4
EU10CR5.DOC	EUS-10	V	Alternative Methods of Operation Unit 5
EU10CR6.DOC	EUS-10	V	Alternative Methods of Operation Unit 6
EU10CR7.DOC	EUS-10	V	Alternative Methods of Operation Unit 7

index.doc

Notes on File Types / File Name Extension:

- DOC - Microsoft Word
- WK4 - Lotus 123
- PRE - Lotus Freelance
- EPA - WordPerfect
- DEP - WordPerfect
- TXT - ASCII Text

**Department of
Environmental Protection**

**DIVISION OF AIR RESOURCES MANAGEMENT
APPLICATION FOR AIR PERMIT - LONG FORM**

I. APPLICATION INFORMATION

Identification of Facility Addressed in This Application

1. Facility Owner/Company Name : Gulf Power Company	
2. Site Name : Crist Electric Generating Plant	
3. Facility Identification Number :	0330045 <input type="checkbox"/> Unknown
4. Facility Location : Gulf Power Company-- Crist Electric Generating Plant on Pate Road---- off of 10 Mile Road Located on Governors Bayou, Escambia County, FL. North of Pensacola. Facility ID: 1OPEN170045 THE AIRS ID: 0330045 Street Address or Other Locator : 10 Mile Road City : Pensacola County : Escambia Zip Code : 32520-0340	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Permitted Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

I. Part 1 - 1

COMPLIANCE REPORT AND PLAN

The facility and emissions units identified in this application are in compliance with the Applicable Requirements identified in Sections B and D of the application form and attachments referenced in Section E. 11. and L. 12. (if included). Compliance is certified as of the date this application is submitted to the Florida Department of Environmental Regulation as required in Rule 62-213.420(1)(a) F.A.C. Any exceptions to this certification are noted below. The information provided in the following attachments provide a summary of emission limitations and schedules for determining compliance for each regulated emission unit.

ADDITIONAL APPLICABLE REQUIREMENTS

Applicable Requirements as defined in Rule 62-210.200(29) not identified in Section D of the emission unit sections are included in an attachment to this application. Any air operation permit issued by the Department (or local program designee) and included in attachments is provided for information purposes. The specific conditions of the operating permit are not Applicable Requirements as defined in Rule 62-210.200(29) unless implementing a specific Applicable Requirement of the Department's rules (e.g., emission limitations and consent orders).

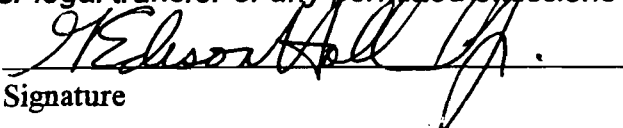
TRIVIAL ACTIVITIES

The trivial activities identified in this application are provided for information only and are identified as examples of, but not limited to, the trivial activities identified by the Division of Air Resources Management (DARM's) guidance. It is understood that such activities do not have to be included in with the Title V Application. The trivial activities identified herein are consistent, in terms of amounts of emissions and types, with those activities listed in DARM's guidance.

NOTIFICATION OF TEMPORARY EXEMPTIONS

Pursuant to Rule 62-210.300(3)(b)1., notice is herein provide that the emissions units listed in the materials handling and miscellaneous activities for sections are not subject to a permit issued by the Department of Environmental Protection and are exempt from permitting until a final determination is made under the Title V permitting requirements (Rule 62-213 F.A.C.). These units would not have triggered review under Rules 62-212.400 or 62-212.500 or any new source performance standard listed in Rule 62-204.800 F.A.C.

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official :	
Name :	G. Edison Holland, Jr.
Title :	V.P. Power Generation/Transmission
2. Owner or Authorized Representative or Responsible Official Mailing Address :	
Organization/Firm :	Gulf Power Company
Street Address :	500 Bayfront Parkway
City :	Pensacola
State :	FL
Zip Code :	32520-0100
3. Owner/Authorized Representative or Responsible Official Telephone Numbers :	
Telephone :	(904)444-6393
Fax :	(904)444-6744
4. Owner/Authorized Representative or Responsible Official Statement :	
<p><i>I, the undersigned, am the owner or authorized representative* of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions units.</i></p>	
 Signature	<u>6/6/96</u> Date

* Attach letter of authorization if not currently on file.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type
001	Crist Plant Unit 1 Electric Utility Boiler	1
002	Crist Plant Unit 2 Electric Utility boiler	1
003	Crist Plant Unit 3 Electric Utility Boiler	1
004	Crist Plant Unit 4 Electric Utility Boiler	1
005	Crist Plant Unit 5 Electric Utility Boiler	1
006	Crist Plant Unit 6 Electric Utility Boiler	1
007	Crist Plant Unit 7 Electric Utility Boiler	1
008	Crist Plant Fly Ash Silos	1
009	Coal and Ash Materials Handling	3
010	Miscellaneous Activities	3

Purpose of Application and Category

Category I : All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.A.C.

This Application for Air Permit is submitted to obtain :

Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.

Initial air operation permit under Chapter 62-213, F.A.C., for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number :

Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source.

Operation permit to be renewed :

Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number :

Operation permit to be revised :

Air operation permit revision or administrative correction for a Title V source to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application.

Operation permit to be revised/corrected :

Air operation permit revision for a Title V source for reasons other than construction or

I. Part 4 - 1

modification of an emissions unit.

Operation permit to be revised :

Reason for revision :

Category II : All Air Operation Permit Applications Subject to Processing Under Rule 62-210.300(2)(b), F.A.C.

This Application for Air Permit is submitted to obtain :

-] Initial air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

Current operation/construction permit number(s) :

-] Renewal air operation permit under Rule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.

Operation permit to be renewed :

-] Air operation permit revision for a synthetic non-Title V source.

Operation permit to be revised :

Reason for revision :

Category III : All Air Construction Permit Applications for All Facilities and Emissions Units

This Application for Air Permit is submitted to obtain :

-] Air construction permit to construct or modify one or more emissions units within a facility (including any facility classified as a Title V source).

Current operation permit number(s), if any :

I. Part 4 - 2

- Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.

Current operation permit number(s) :

- Air construction permit for one or more existing, but unpermitted, emissions units.

Application Processing Fee

Check one :

Attached - Amount : _____ Not Applicable.

Construction/Modification Information

1. Description of Proposed Project or Alterations : Not Applicable
2. Projected or Actual Date of Commencement of Construction :
3. Projected Date of Completion of Construction :

Professional Engineer Certification

1. Professional Engineer Name : Kennard Kosky, P.E. Registration Number : 14996
2. Professional Engineer Mailing Address : KBN Engineering and Applied Science Street Address : 6241 NW 23rd Street City : Gainesville State : FL Zip Code : 32653-1500
3. Professional Engineer Telephone Numbers : Telephone : (352)336-5600 Fax : (352)336-6603

Application Processing Fee

Check one :

[] Attached - Amount : _____ [X] Not Applicable.

Construction/Modification Information

1. Description of Proposed Project or Alterations : Not Applicable
2. Projected or Actual Date of Commencement of Construction :
3. Projected Date of Completion of Construction :

Professional Engineer Certification

1. Professional Engineer Name : Kennard Kosky, P.E. Registration Number : 14996
2. Professional Engineer Mailing Address : KBN Engineering and Applied Science Street Address : 6241 NW 23rd Street City : Gainesville State : FL Zip Code : 32653-1500
3. Professional Engineer Telephone Numbers : Telephone : (352)336-5600 Fax : (352)336-6603

4. Professional Engineer Statement :

I, the undersigned, hereby certified, except as particularly noted herein, that :*

(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollutant control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

If the purpose of this application is to obtain a Title V source air operation permit (check here [X] if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [] if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [] if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

Thomas F. Gutz
Signature CRIST PLANT

6/6/96
Date

* Attach any exception to certification statement.

I. Part 6 - 1

Application Contact

1. Name and Title of Application Contact :
Name : G. Dwain Waters Title : Air Quality Programs Coordinator
2. Application Contact Mailing Address :
Organization/Firm : Gulf Power Company Street Address : P. O. Box 1151 City : Pensacola State : FL Zip Code : 32520-0328
3. Application Contact Telephone Numbers :
Telephone : (904)444-6527 Fax : (904)444-6217

Application Comment

Initial Title V Application

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility, Location, and Type

1. Facility UTM Coordinates :					
Zone :	16	East (km) :	478.50	North (km) :	3381.30
2. Facility Latitude/Longitude :					
Latitude (DD/MM/SS) :		30 33 58	Longitude (DD/MM/SS) :		87 13 44
3. Governmental Facility Code :	4. Facility Status Code :	5. Facility Major Group SIC Code :	6. Facility SIC(s) :		
0	A	49			
7. Facility Comment :					
Facility is a fossil-fired electric generating plant comprising of seven generating units ranging from 28 to 579 MW with supporting systems.					

Facility Contact

1. Name and Title of Facility Contact :					
John Dominey Environmental Coordinator					
2. Facility Contact Mailing Address :					
Organization/Firm :	Gulf Power Crist Plant				
Street Address :	P. O. Box 1151				
City :	Pensacola	State :	FL	Zip Code :	32520-0340
3. Facility Contact Telephone Numbers :					
Telephone :	(904)478-5900	Fax :	(904)444-6446		

Facility Regulatory Classifications

1. Small Business Stationary Source?	N
2. Title V Source?	Y
3. Synthetic Non-Title V Source?	N
4. Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)?	Y
5. Synthetic Minor Source of Pollutants Other than HAPs?	N
6. Major Source of Hazardous Air Pollutants (HAPs)?	Y
7. Synthetic Minor Source of HAPs?	N
8. One or More Emissions Units Subject to NSPS?	N
9. One or More Emission Units Subject to NESHAP?	N
10. Title V Source by EPA Designation?	Y
11. Facility Regulatory Classifications Comment :	
Plant Crist is a Title IV Acid Rain facility with two Phase I units and two Substitution units activated in Phase I. The Phase I and Substitution units use a NOx averaging plan with Mississippi Power to comply with the Title IV NOx standards.	

B. FACILITY REGULATIONS

Rule Applicability Analysis

Not Applicable

B. FACILITY REGULATIONS

List of Applicable Regulations

Title V Core List

Crist Facility Federal-Regulation List (Crrule.EPA)

Crist Facility State-Regulation List (Crrule.DEP)

II. Part 3b - 1



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

April 1, 1996

Owners
Title V Sources

Dear Permittee:

Department records indicate that you operate a facility that is subject to Title V of the Clean Air Act. As you probably know, applications for Title V permits are due by June 15, 1996.


The Department has made numerous changes in its rules in recent months. Therefore, the Title V Core List, a list of rules that presumptively applies to each Title V source, has been updated and is provided for your convenience in completing the Title V application.

Enclosed you will also find a cross-reference of the old rule numbers and their new numbers.

Applicants are encouraged to use the new listing, however, to the extent that the applications have been completed by using the outdated rule references, it is not essential that the applications be changed.

If your facility is not subject to Title V, please disregard. If you do not know whether your facility is a Title V source or if you need additional information, please contact the Title V coordinator in Tallahassee for your geographical location as shown on the enclosure.

Sincerely,


John C. Brown, Jr., P.E.
Administrator, Title V Section
Bureau of Air Regulation

JCB/sk

Enclosures

Title V Core List

Effective: 03/25/96

[**Note:** The Title V Core List is meant to simplify the completion of the "List of Applicable Regulations" for DEP Form No. 62-210.900(1), Application for Air Permit - Long Form. The Title V Core List is a list of rules to which all Title V Sources are presumptively subject. The Title V Core List may be referenced in its entirety, or with specific exceptions. The Department may periodically update the Title V Core List.]

Federal: (description)

40 CFR 61: National Emission Standards for Hazardous Air Pollutants (NESHAP)
40 CFR 61, Subpart M: National Emission Standard for Asbestos.

40 CFR 82: Protection of Stratospheric Ozone.
40 CFR 82, Subpart B: Servicing of Motor Vehicle Air Conditioners (MVAC).
40 CFR 82, Subpart F: Recycling and Emissions Reduction.

State: (description)

CHAPTER 62-4, F.A.C.: PERMITS, effective 10-16-95

62-4.030, F.A.C.: General Prohibition.
62-4.040, F.A.C.: Exemptions.
62-4.050, F.A.C.: Procedure to Obtain Permits; Application.
62-4.060, F.A.C.: Consultation.
62-4.070, F.A.C.: Standards for Issuing or Denying Permits; Issuance; Denial.
62-4.080, F.A.C.: Modification of Permit Conditions.
62-4.090, F.A.C.: Renewals.
62-4.100, F.A.C.: Suspension and Revocation.
62-4.110, F.A.C.: Financial Responsibility.
62-4.120, F.A.C.: Transfer of Permits.
62-4.130, F.A.C.: Plant Operation - Problems.
62-4.150, F.A.C.: Review.
62-4.160, F.A.C.: Permit Conditions.
62-4.210, F.A.C.: Construction Permits.
62-4.220, F.A.C.: Operation Permit for New Sources.

CHAPTER 62-103, F.A.C.: RULES OF ADMINISTRATIVE PROCEDURE, effective 12-31-95

62-103.150, F.A.C.: Public Notice of Application and Proposed Agency Action.
62-103.155, F.A.C.: Petition for Administrative Hearing; Waiver of Right to Administrative Proceeding.

Title V Core List

Effective: 03/25/96

CHAPTER 62-256, F.A.C.: OPEN BURNING AND FROST PROTECTION FIRES, effective 11-30-94

CHAPTER 62-257, F.A.C.: ASBESTOS NOTIFICATION AND FEE, effective 03/24/96

CHAPTER 62-281, F.A.C.: MOTOR VEHICLE AIR CONDITIONING REFRIGERANT RECOVERY AND RECYCLING, effective 03-07-96

CHAPTER 62-296, F.A.C.: STATIONARY SOURCES - EMISSION STANDARDS, effective 03-13-96

62-296.320(2), F.A.C.: Objectionable Odor Prohibited.

62-296.320(3), F.A.C.: Industrial, Commercial, and Municipal Open Burning Prohibited.

62-296.320(4)(c), F.A.C.: Unconfined Emissions of Particulate Matter.

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**Division of Air Resources Management
Rule Repeals and Conforming Amendments
Cross-Reference of Rule Number Changes**

March 24, 1996

Based on FAW Notices: 10/27/95 (effective 1/1/96 & 1/2/96)
 12/15/96, 2/2/96, & 2/9/96 (effective 3/13/96)
 1/26/96 (effective 3/24/96)

Rules Moved or Renumbered

From:

To:

62-204:

204.500	204.500(1)
204.500(1)-(4)	204.500(1)(a)-(d)
204.600	204.500(2)

62-210:

210.400(4)	212.600(3)
Fig. 210.400-1	212.600(3)(c)4. - figure replaced by equation
210.500 - except last sentence	204.220(4)

62-212:

212.200 - all definitions	210.200 - definitions merged in as needed
212.400(6)-(8) and below	212.400(7)-(9) and below
212.410(1)(a)-(d)	212.400(6)(a)1.-4.
212.410(2)	212.400(6)(b)
212.410(3)(a) and below	212.400(6)(c) - amended to cite CFR
212.410(3)(b) and below	212.400(6)(c)1. - amended to cite CFR
212.410(3)(c)	212.400(6)(c)2.
212.410(4)(a)-(b)	212.400(6)(d)1.-2.
212.500(7) and below	212.500(8) and below
212.510(1)(a)-(c)	212.500(7)(a)1.-3.
212.510(2)-(3)	212.500(7)(b)-(c)
212.700(1)-(2)	210.300(6)(a)-(b)

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

From:

To:

62-272:

272.100	204.100(1)
272.200 - all definitions	204.200 - definitions merged in as needed
272.300(2) - except last sentence	204.220(1)
272.300(2) - last sentence	204.220(3)
272.300(3)(a)1.-3.	204.240(1)(a)-(c)
272.300(3)(b)1.-2.	204.240(2)(a)-(b)
272.300(3)(c)1.-2.	204.240(3)(a)-(b)
272.300(3)(d)1.	204.240(4)
272.300(3)(d)1.a.-c.	204.240(4)(a)-(c)
272.300(3)(e)1.	204.240(5)
272.300(3)(f)1.	204.240(6)
272.500	204.260
272.500(1)(a)-(b) and below	204.260(1)(a)-(b) and below
272.500(1)(c)1.	204.260(1)(c)
272.500(2)(a)-(b) and below	204.260(2)(a)-(b) and below
272.500(2)(c)1.	204.260(2)(c)
272.500(3)(a)-(b) and below	204.260(3)(a)-(b) and below
272.500(3)(c)1.	204.260(3)(c)

62-275:

275.100	204.100(2)
275.200 - all definitions	204.200 - definitions merged in as needed
275.300 and below	204.320 and below
275.400(1)-(5)	204.340(1)(a)-(e)
275.410(1)	204.340(2)(a) - amended to delete ozone areas
275.410(2)-(7)	204.340(2)(b)-(g)
275.420(1)	204.340(3)(a)
275.420(2)(a)-(d)	204.340(3)(b)1.-4.
275.420(3)	204.340(3)(c)
275.600(1)(a)	204.340(4)(a)1.
275.600(1)(b)	204.340(4)(a)2.-4. - amended to add ozone areas
275.600(3)(a)-(b)	204.340(4)(b)1.-2.
275.600(4)-(5)	204.340(4)(c)-(d)
275.700(1)-(3) and below	204.360(1)-(3) and below
275.800(1) and below	204.360(4) and below
275.800(2) and below	204.360(5) and below

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

From:

To:

62-297:

297.200 - all definitions	210.200 - definitions merged in as needed
297.310(4)	297.310(9)
297.330(1)	297.310(4)(a)
297.330(1)(a)-(b)	297.310(4)(a)1.-2.
297.330(1)(b)1.-3.	297.310(4)(a)2.a.-c.
297.330(2)-(5)	297.310(4)(b)-(e)
Table 297.330-1	Table 297.310-1
297.340(1)	297.310(7)(a)
297.340(1)(a)-(b)	297.310(7)(a)1.-2.
297.340(1)(c)	297.310(7)(a)3.
297.340(1)(c)1.-2.	297.310(7)(a)3.a.-b.
297.340(1)(d)	297.310(7)(a)4.
297.340(1)(d)1.	297.310(7)(a)4.a.
297.340(1)(d)2.a.-c.	297.310(7)(a)4.b. - lang. combined in one paragraph
297.340(1)(d)3.	297.310(7)(a)4.c.
297.340(1)(e)-(j)	297.310(7)(a)5.-10.
297.340(2)-(3)	297.310(7)(b)-(c)
297.345	297.310(6)
297.345(1)-(2)	297.310(6)(a)-(b)
297.345(3)(a)1.-5.	297.310(6)(c)1.-5.
297.345(3)(b)1.-4.	297.310(6)(d)1.-4.
297.345(3)(c)1.-2.	297.310(6)(e)1.-2.
297.345(3)(d)1.-2.	297.310(6)(f)1.-2.
297.345(3)(e)1.	297.310(6)(g)1.
297.345(3)(e)1.a.-c.	297.310(6)(g)1.a.-c.
297.345(3)(e)2.-3.	297.310(6)(g)2.-3.
297.350(1)-(2)	297.310(5)(a)-(b)
297.400(1)	297.401 - last two sentences
297.420(1)	297.401(9)(c)1.
297.420(2)(a)-(b)	297.401(9)(c)2.a.-b.
297.570(1)-(3)	297.310(8)(a)-(c)
297.570(3)(a)-(u)	297.310(8)(c)1.-21.

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

Rule Repealed:

Comment:

296.330

Definition of "BACT" in 210.200 to be used in lieu of rule

296.400

Language of "Purpose and Scope" at 296.100 expanded

Figure 297.345-1

Replaced by text at 297.345(3)(e)1.a.-c., effective 1/1/96; then
moved to 297.310(6)(g)1.a.-c., effective 3/13/96)

297.400(2)

297.411

297.412

297.413

297.414

297.415

Figure 297.415-1

Figure 297.415-2

Figure 297.415-3

297.416

297.417

297.418

297.419

297.421

297.422

297.423

297.424

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GULF POWER - CRIST FACILITY FDEP APPLICABLE REQUIREMENTS LIST		Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
FDEP Rule	FDEP Title		Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
Chapter 62-4 Permits						
62-4.030	General Prohibition.	0330045	✓		State Only	Facility
62-4.040(1)	Exemptions	0330045	✓		State Only	Facility
62-4.100	Suspension and Revocation.	0330045	✓		State Only	Facility
62-4.130	Plant Operation - Problems.	0330045	✓		State Only	Facility
Chapter 62-204 State Implementation Plan						
62-204.800 (11)	Adoption of 40 CFR 70, Federal Title V Rule	0330045	✓		State only.	Facility
62-204.800 (19)	Adoption of 40 CFR 82, Stratospheric Ozone	0330045	✓		State only.	Facility
Chapter 62-210 Stationary Sources - General Requirements						
62-210.300	Permits Required.					
	(2) Air Operation Permits. (Except (b))	0330045	✓			Facility
	(3)(a) Exemptions - #1-29.	0330045	✓			Facility
	(3)(b) Temporary Exemptions.	0330045	✓			Facility
62-210.300	(5) Notification of Startup. The owners or operator of any emissions unit or facility which has a valid air operation permit which has been shut down more than one year, shall notify the Department in writing of the intent to start up such emissions unit or facility, a minimum of 60 days prior to the intended startup date.	0330045	✓		May apply in the future.	Facility
	(a) The notification shall include information as to the startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.	0330045	✓		May apply in the future.	Facility

GULF POWER - CRIST FACILITY FDEP APPLICABLE REQUIREMENTS LIST		Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
FDEP Rule	FDEP Title		Yes	No/NA		
	(b) If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Department as soon as possible after the date of such startup is ascertained.	0330045	✓		May apply in the future.	Facility
62-210.370	Reports.					
	(3) Annual Operating Report for Air Pollutant Emitting Facility.	0330045	✓			Facility
62-210.900	Forms and Instructions.	0330045	✓			Facility
	(5) Annual Operating Reports	0330045	✓			Facility
Chapter 62-213 Operation Permits for Major Sources of Air Pollution						
62-213.205	Annual Emissions Fee.	0330045	✓			Facility
62-213.400	Permits and Permit Revisions Required.	0330045	✓			Facility
62-213.410	Changes Without Permit Revision.	0330045	✓			Facility
62-213.415	Trading of Emissions Within a Source.	0330045	✓		May apply in the future.	Facility
62-213.460	Permit Shield.	0330045	✓			Facility
Chapter 62-252 Gasoline Vapor Control						
62-252.300	Gasoline Dispensing Facilities - Stage I Vapor Recovery.					
	(2) Prohibition.	0330045		×		Facility
	(3) Control Technology Requirements.	0330045		×		Facility
	(4) Compliance Schedule.	0330045		×	State Only	Facility
62-252.400	Gasoline Dispensing Facilities - Stage II Vapor Recovery.					
	(2) Prohibition.	0330045		×	State Only	Facility
	(3) Control Technology Requirements.	0330045		×	State Only	Facility
	(4) Compliance Schedules.	0330045		×	State Only	Facility
	(5) Testing.	0330045		×	State Only	Facility

FDEP Rule	GULF POWER - CRIST FACILITY FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement=<5476X		Unit/Facility Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(6) Recordkeeping.	0330045		×	State Only	Facility
	(7) System Maintenance.	0330045		×	State Only	Facility
62-252.400	(8) Training.	0330045		×	State Only	Facility
62-252.500	Gasoline Tanker Trucks.					
	(2) Prohibitions.	0330045		×	State Only	Facility
	(3) Leak Testing.	0330045		×	State Only	Facility
Chapter 62-256 Open Burning and Frost Protection Fires						
62-256.300	Prohibitions.	0330045	✓		State Only	Facility
62-256.450	Burning for Cold or Frost Protection.	0330045		×	State Only	Facility
62-256.500	Land Clearing.	0330045	✓		State Only	Facility
62-256.600	Industrial, Commercial, Municipal, and Research Open Burning.	0330045	✓		State Only	Facility
62-256.700	Open Burning Allowed.	0330045	✓		State Only	Facility
Chapter 62-257 Asbestos Removal						
62-257.301	Notification Procedure and Fee.	0330045	✓		State Only	Facility
62-257.400	Fee Schedule.	0330045	✓		State Only	Facility
62-257.900	Form.	0330045	✓		State Only	Facility
Chapter 62-281 Motor Vehicle Air Conditioning Refrigerant Recovery and Recycling.						
62-281.300	Applicability.	0330045		×	State Only	Facility
62-281.400	Compliance Requirements.	0330045		×	State Only	Facility
62-281.500	Establishment Certification.					
	(1) Initial Certification.	0330045		×	State Only	Facility
	(2) Renewal Certification.	0330045		×	State Only	Facility
	(3) Fees.	0330045		×	State Only	Facility

GULF POWER - CRIST FACILITY FDEP APPLICABLE REQUIREMENTS LIST		Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
FDEP Rule	FDEP Title		Yes	No/NA		
	(4) Certificate of Compliance.	0330045		X	State Only	Facility
62-281.600	Training Requirements.	0330045		X	State Only	Facility
62-281.700	Equipment Certification.	0330045		X	State Only	Facility
62-281.900	Forms.	0330045		X	State Only	Facility
Chapter 62-296 Stationary Sources -- Emission Standards						
62-296.320	General Pollutant Emission Limiting Standards.					
	(1) Volatile organic compounds emissions or organic solvents emissions.	0330045		X		Facility
	(2) Objectionable Odor Prohibited.	0330045	✓			Facility
	(3) Open Burning.	0330045	✓		State Only	Facility
	(4)(b) General Visible Emissions Standard.	0330045	✓			Facility
	(4)(c) Unconfined Emissions of Particulate Matter.	0330045	✓			Facility

EPA Rule	GULF POWER - CRIST FACILITY EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
<p>^aThis list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below.</p> <p>^bPlease refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
Part 61 - EPA Regulations on National Emission Standards for Hazardous Air Pollutants						
Subpart A - General Provisions						
61.05	Prohibited Activities.	0330045	✓			Facility
61.09	Notification of Startup.	0330045		✗		Facility
61.10	Source Reporting and Request for Waiver of Compliance.	0330045		✗		Facility
61.11	Waiver of Compliance.			✗		Facility
61.12 (b)	Compliance with Standards and Maintenance		✓			Facility
61.13	Emission Tests and Waiver of Emission Tests.			✗		Facility
61.14	Monitoring Requirements.	0330045		✗		Facility
61.19	Circumvention.	0330045		✗		Facility
Subpart M — National Emission Standards for Asbestos		0330045	✓			Facility
Appendix C to Part 61 — Quality Assurance Procedures		0330045	✓			Facility
EPA Part 82 - Protection Of Stratospheric Ozone						
Subpart B - Servicing of Motor Vehicle Air Conditioners						
82.34	Prohibitions.	0330045	✓			Facility
82.36	Approved refrigerant recycling equipment.	0330045	✓			Facility
82.38	Approved independent standards testing organizations.	0330045	✓			Facility
82.40	Technician training and certification.	0330045	✓			Facility
82.42	Certification, recordkeeping and public notification requirements.	0330045	✓			Facility

GULF POWER - CRIST FACILITY EPA APPLICABLE REQUIREMENTS LIST		(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
EPA Rule	EPA Title		Yes	No/NA		
Subpart F - Recycling and Emissions Reduction						
82.154	Prohibitions.	0330045	✓			Facility
82.156	Required practice.	0330045	✓			Facility
82.158	Standards for recycling and recovery equipment.	0330045	✓			Facility
82.160	Approved equipment testing organizations.	0330045	✓			Facility
82.161	Technician certification.	0330045	✓			Facility
82.162	Certification by owners of recovery and recycling equipment.	0330045	✓			Facility
82.164	Reclaimer certification.	0330045	✓			Facility
82.166 (k) (m)	Reporting and recordkeeping requirements for owners/operators.	0330045	✓			Facility
40 CFR 279.72	Used Oil Regulations	0330045	✓		Facility burns on-spec used oil.	Facility

C. FACILITY POLLUTANTS

Facility Pollutant Information

1. Pollutant Emitted	2. Pollutant Classification
SO2	A <i>Major</i>
PM	A
PM10	A
NOX	A
VOC	A
CO	A
HCL	A
H107	A
HAPS	A

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 1

1. Pollutant Emitted :	SO2	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 1

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 2

1. Pollutant Emitted :	PM	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 2

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 3

1. Pollutant Emitted :	PM10	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 3

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 4

1. Pollutant Emitted :	NOX	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 5

1. Pollutant Emitted :	VOC	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 6

1. Pollutant Emitted :	CO	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 6

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 7

1. Pollutant Emitted :	HCL	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 7

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 8

1. Pollutant Emitted :	H107	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 8

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 9

1. Pollutant Emitted :	HAPS	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 9

D. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location :	FS1
2. Facility Plot Plan :	FS2
3. Process Flow Diagram(s) :	FS3
4. Precautions to Prevent Emissions of Unconfined Particulate Matter :	FS4
5. Fugitive Emissions Identification :	NA
6. Supplemental Information for Construction Permit Application :	NA

Additional Supplemental Requirements for Category I Applications Only

7. List of Proposed Exempt Activities :	FS-7
8. List of Equipment/Activities Regulated under Title VI :	Onsite
9. Alternative Methods of Operation :	NA
10. Alternative Modes of Operation (Emissions Trading) :	NA
11. Identification of Additional Applicable Requirements :	NA
12. Compliance Assurance Monitoring Plan :	NA
13. Risk Management Plan Verification :	Plan Submit
14. Compliance Report and Plan :	FS-14
15. Compliance Certification (Hard-copy Required) :	FS-15

FS-1

D. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location :	FS1
2. Facility Plot Plan :	FS2
3. Process Flow Diagram(s) :	FS3
4. Precautions to Prevent Emissions of Unconfined Particulate Matter :	FS4
5. Fugitive Emissions Identification :	NA
6. Supplemental Information for Construction Permit Application :	NA

Additional Supplemental Requirements for Category I Applications Only

7. List of Proposed Exempt Activities :	FS-7
8. List of Equipment/Activities Regulated under Title VI :	Onsite
9. Alternative Methods of Operation :	FS-9
10. Alternative Modes of Operation (Emissions Trading) :	NA
11. Identification of Additional Applicable Requirements :	NA
12. Compliance Assurance Monitoring Plan :	NA
13. Risk Management Plan Verification :	Plan Submit
14. Compliance Report and Plan :	FS-14
15. Compliance Certification (Hard-copy Required) :	FS-15

WILD 15/4 UAG
No 13081 152 89

6 8 19 16



7003-47

9601005

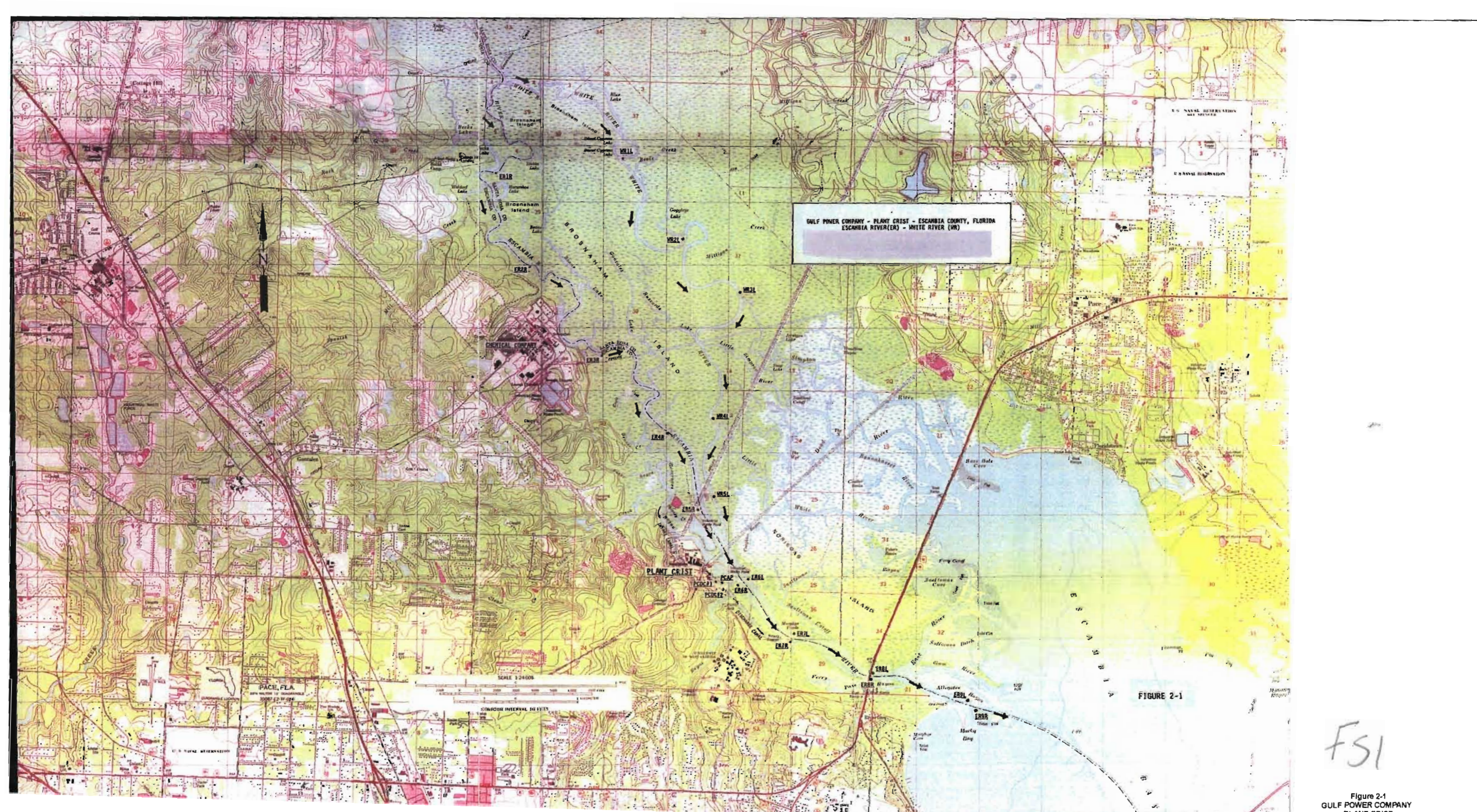
1" = 400'

HIST

11:47AM

1





GULF POWER COMPANY - PLANT CRIST - ESCAMBIA COUNTY, FLORIDA
 ESCAMBIA RIVER(ER) - WHITE RIVER (WR)

FIGURE 2-1

FSI

Figure 2-1
 GULF POWER COMPANY

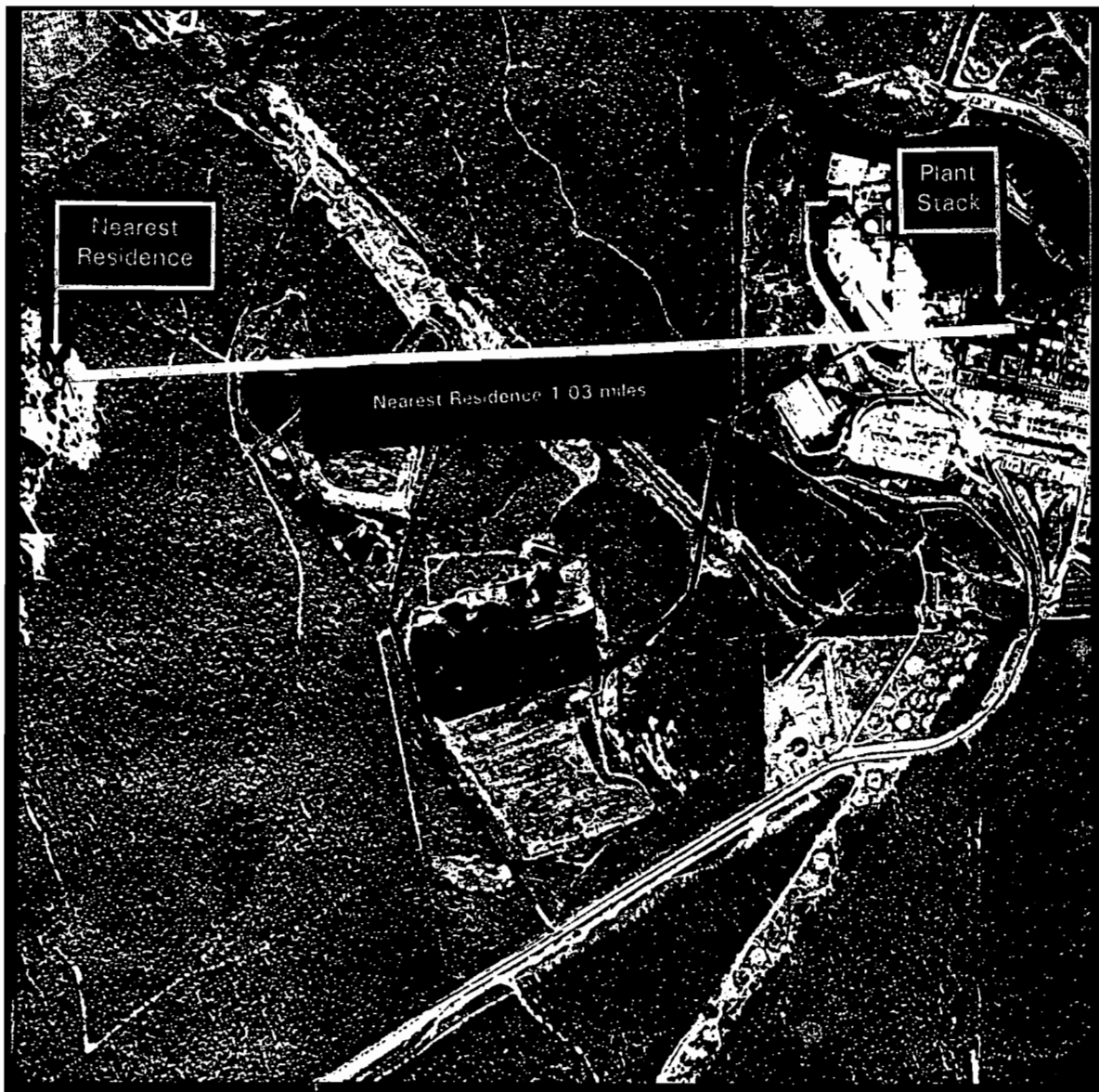
WILD 1574 OAG
№ 13081 152.89

0 0 3 0



MAP 1/003-4/

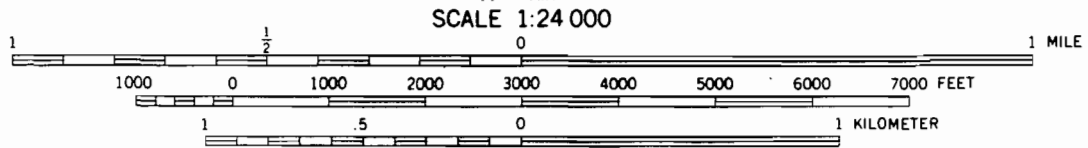
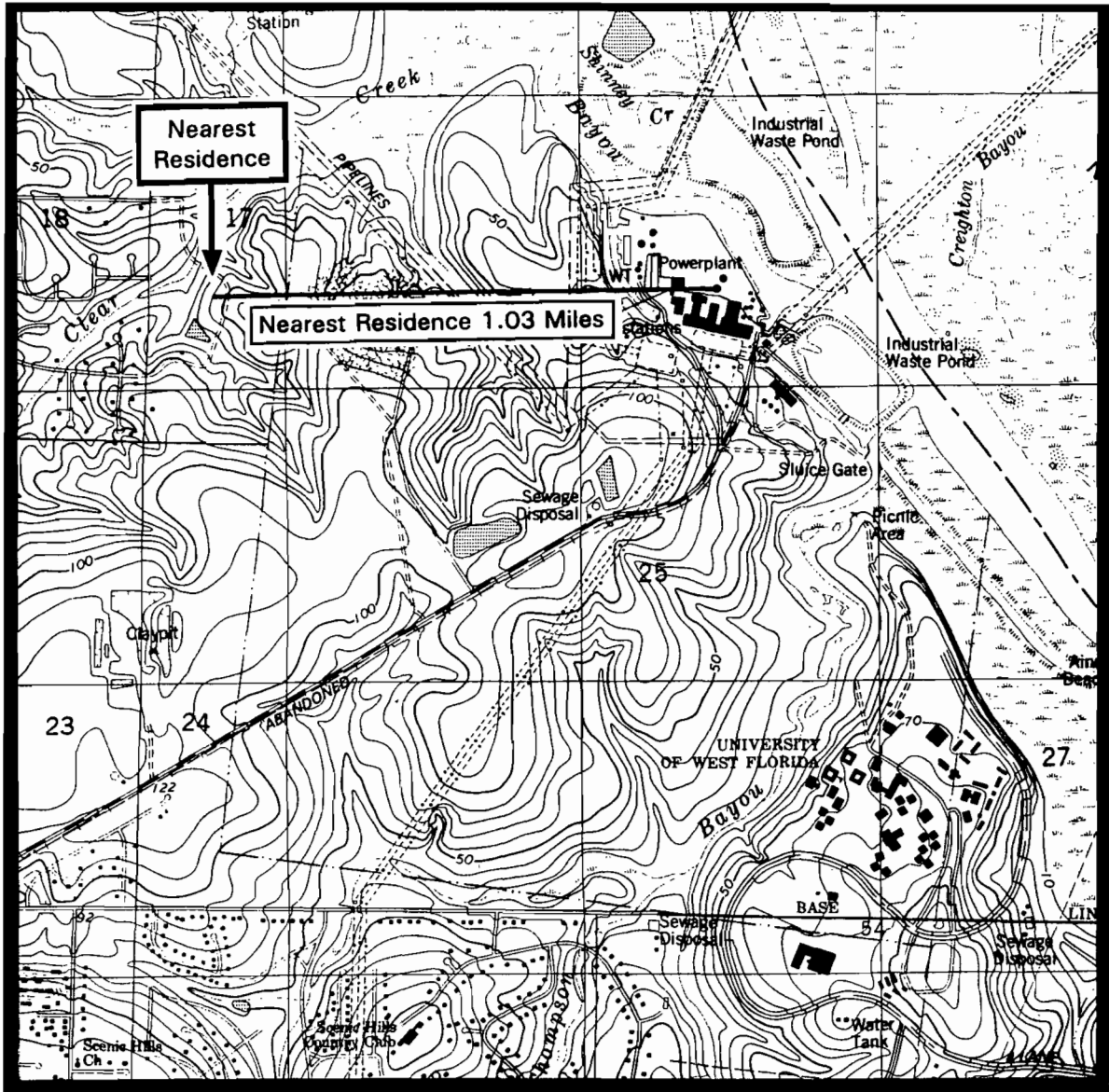
Gulf Power Plant Crist
Nearest Residence



Notes: Determined from 1994 NASA aerial photography scale 1" = 833'
Copy reduced 80%

FS-2

Gulf Power Plant Crist Nearest Residence



Notes: Distance determined from 1994 NASA aerial photography scale 1" = 833'
Copy above is of Pace, Florida USGS Quadrangle copied without reduction.



QUADRANGLE LOCATION

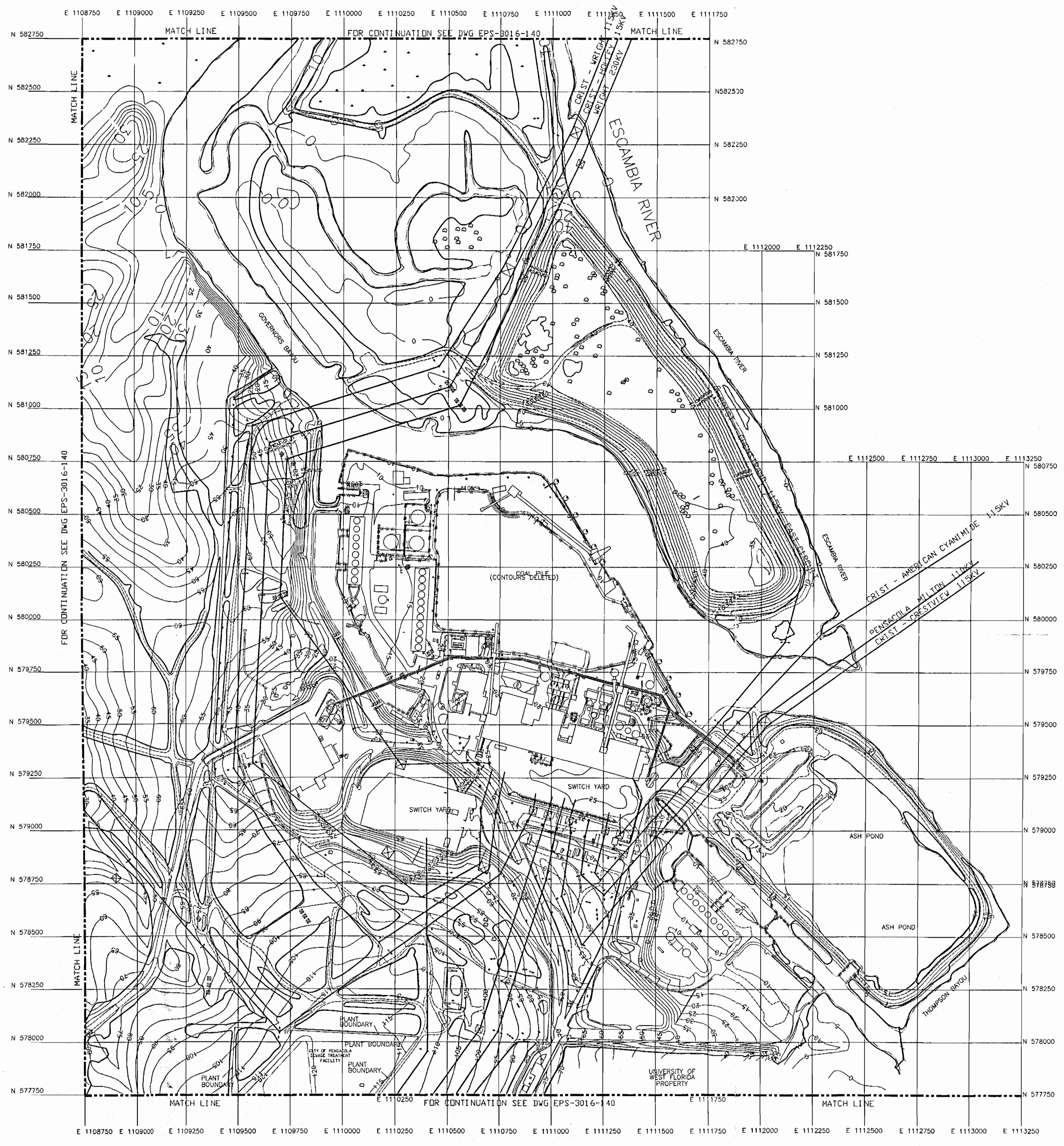
PACE, FLA.

SW/4 MILTON 15' QUADRANGLE
30087-E2-TF-024

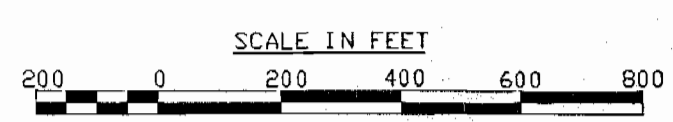
1978

PHOTOREVISED 1987
DMA 3545 II SW - SERIES V847

2



NOTE:
 WORK THIS DRAWING WITH
 EPS-3016-140



PLEASE INFORM SYSTEM ENGINEERING AND PROJECT SUPPORT,
 PLANT LAYOUT GROUP OF SOUTHERN COMPANY SERVICES, INC.
 BIRMINGHAM, ALABAMA OF ANY ADDITIONS, DELETIONS OR CHANGES TO
 THE PLAN THAT SHOULD BE REFLECTED ON THIS PLAN TO HELP INSURE
 THAT THIS DRAWING REMAINS ACCURATE.

CAD
 AUTOCAD CDI-KK FILENAME: 3016-139

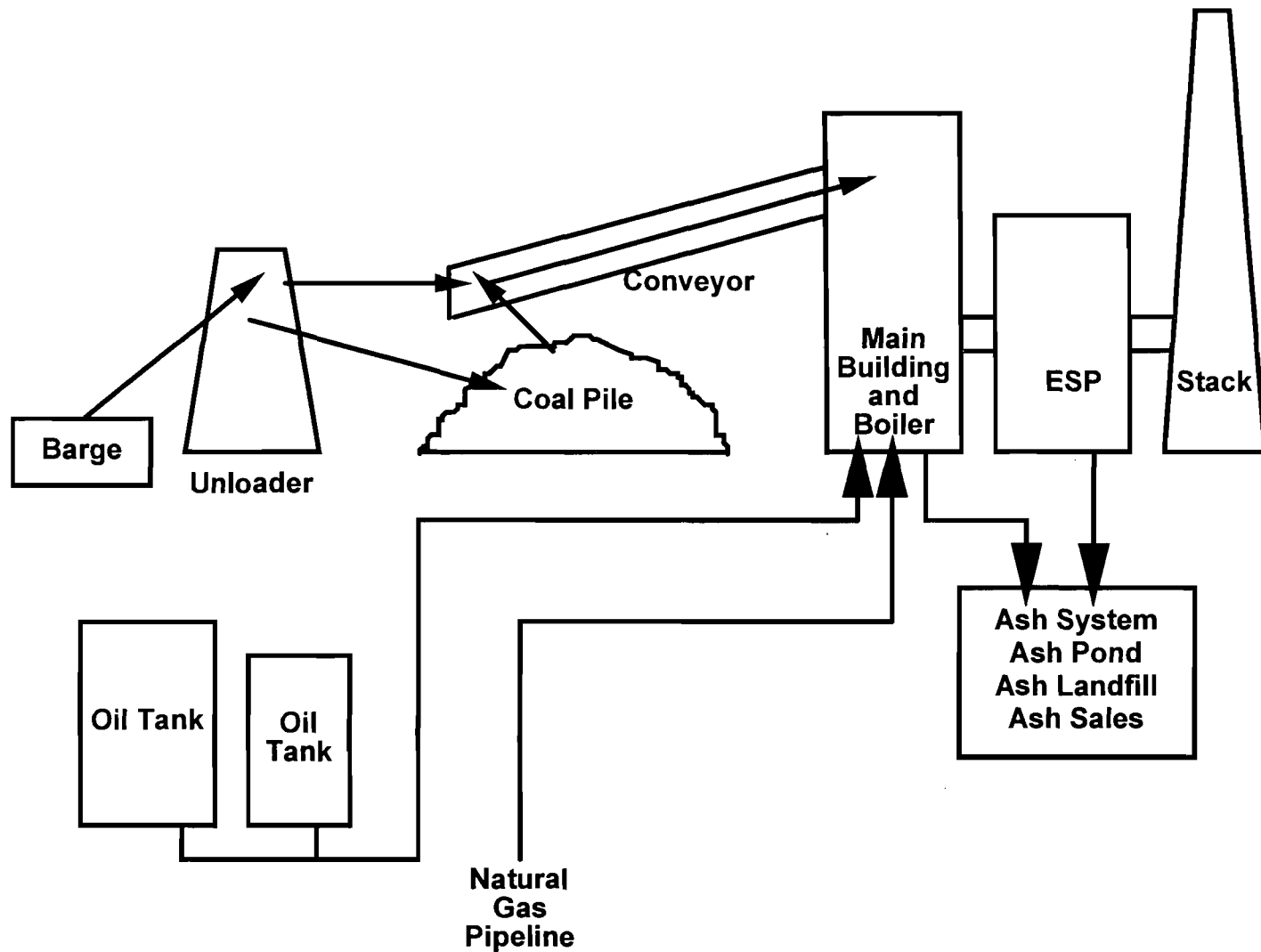
SOUTHERN COMPANY SERVICES, INC.
 FOR
GULF POWER COMPANY

DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION	DATE	REVISION		
APR. 1	APR. 2	APR. 3	APR. 4	APR. 5	BY	CHK'D	APR. 1	APR. 2	APR. 3	APR. 4	APR. 5	BY	CHK'D	APR. 1	APR. 2	APR. 3	APR. 4	APR. 5	

ISSUED FOR INFORMATION
 DATE 11-6-92

CRIST STEAM PLANT
 SITE PLAN (1"=200')
 SHEET 1

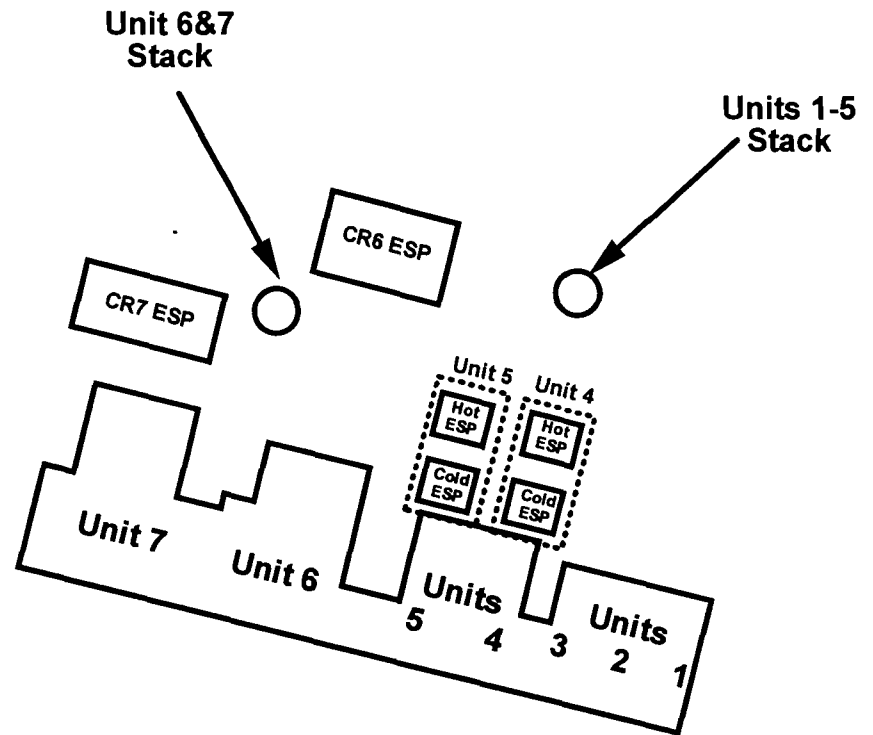
DESIGNED	CDI	CHECKED	BURT
SCALE	PROJECT I.D.	DRAWING NUMBER	REV.
1"=200'		EPS-3016-139	



PLANT CRIST FACILITY
PROCESS FLOW DIAGRAM
crpf.pr



Fly Ash Silos
Emission Unit #8



Notes:

ESP - Electrostatic Precipitators (Control Equipment)

Not shown on this plan:

Emission Unit #9 - Material Handling of Coal and Ash and Roads (Fugitives)

Emission Unit #10 - Miscellaneous Emission Units (Tanks, Sandblasting, Cooling Towers, Trivial, Exempt, Presumptively Exempt, and Non-regulated)

**PLANT CRIST
UNIT EMISSIONS
PLOT PLAN
cruapp.pre**

FS-4

PRECAUTIONS TO PREVENT EMISSIONS OF UNCONFINED PARTICULATE MATTER

- 1) TO PREVENT EMISSIONS OF UNCONFINED PARTICULATE MATTER WHILE UNLOADING FLY ASH, ASH LEAVING THE FACILITY WILL BE HAULED IN CLOSED CONTAINER TRUCKS. ASH BEING DISPOSED OF ON PLANT PROPERTY WILL BE MIXED WITH WATER AS IT IS BEING LOADED INTO THE TRUCKS FOR TRANSPORT TO LANDFILL.**
- 2) THE PLANT ASH HAUL ROADS WILL BE WATERED AS NECESSARY TO CONTROL ANY UNCONFINED PARTICULATE MATTER THAT MAY BE ON THE ROADS.**
- 3) AS SECTIONS OF THE ASH LANDFILL REACH THEIR CAPACITY THESE SECTIONS WILL BE GRASSED OVER TO PREVENT ANY PARTICULATE MATTER BEING LIFTED INTO THE WIND.**
- 4) THE COAL PILE IS PACKED REGULARLY TO HELP IN THE PREVENTION OF COAL PILE FIRES AND LIMIT THE AMOUNT OF COAL DUST THAT MIGHT GET BLOWN OFF THE PILE IF IT WERE NOT PACKED.**
- 5) A DUST SUPPRESSANT WILL BE APPLIED TO THE COAL ON THE CONVEYOR BELTS AS NECESSARY TO CONTROL DUST.**

ATTACHMENT CREX.DOC
TRIVIAL AND EXEMPT ACTIVITIES SUMMARY
CRIST PLANT FACILITY

Crist Plant Facility			
Equipment/System	Source	Frequency of Operation	Justification
Office	Office Supplies	Continuous	Trivial
	Office Equipment	Continuous	
	Bathroom Vents (8)	Continuous	
	Kitchen Vents	Continuous	
	Roof Vents	Continuous	
Construction Office	Bathroom Vents	Continuous	Trivial
	Ridge Vent	Continuous	
Recreation	Barbecue Grill (2)	Occasional	Trivial
6 & 7 Control Room	Office Supplies & Equipment	Continuous	Trivial
	Bathroom Vents	Continuous	
	Kitchen Vents	Continuous	
4 & 5 Control Room	Bathroom Vents	Continuous	Trivial
	Kitchen Vents	Continuous	
	Office Supplies & Equipment	Continuous	
Bulk Gas System	N2 Tank and Bottles Vent & Safeties	Safety	Exempt Non-Regulated Substances
	CO2 Tank and Safety and Vents	Safety	
	Liquid Hydrogen Tank - Safety Vent	Safety	
	Hydrogen Vents (7)	Maintenance	
	CO2 Fire Fighting Hose	Maintenance	
Internal Combustion Engines which drive Compressors, Generators, Water Pumps, Welders, Sweepers or other auxiliary equipment.	Natural Gas, Propane, Gasoline or Diesel Fuel Combustion Products	Maintenance	Trivial
Fire Pump Houses	Diesel Tank Vent (8)	Continuous	Exempted by Rules 62-210, 300 (3)(u) and (t)
	Diesel Engine Exhaust (7)	Operation of Diesel Engine	
	Exhaust Fans (10)	Continuous	
Fire Protection System	Vents to Atmosphere	Maintenance	Exempted by Rule 62-210.300 (3)(u)

Exempt fire equip

Demineralizer #2 & #3	Roof Vents		Trivial
Laboratory	Coal prep Room Vent	Continuous	Exempted by FDEP Assessment Chapter Item 23 & 18
	Coal Analysis Room One Hood	Continuous	
	Water Analysis Room One Hood	Continuous	
	Chemical Storage Room Vent	Continuous	Trivial
	Restroom Vents (2)	Continuous	
	Kitchen Vent	Continuous	
Maintenance Area	Welding area Hood	Continuous	Trivial
	Parts Washer with Electron	Continuous	
	Parts Washer with Orange Tough 90	Continuous	
	Oil changing at #68 & #32 oil, citic solvent	Continuous	
	Small Sandblaster Enclosed	Maintenance	
	Batch Washers Covered	Continuous	
Warehouse	Roof Vents (4) Power Vents	Continuous	Trivial
	Restroom Vents	Continuous	
	Chemical Storage Room at Warehouse	Roof Vent	
Main Steam pressure/relief valve steam from boiler operations	Valves	Safety, Continuous, Maintenance	Steam Exempt Not A Pollutant
Indoor Fugitives	Solvent Storage		Trivial
HVAC Heating, Ventilating and Air Conditioning	Cooling / heating	Continuous	Trivial
Use Of Nitrogen Cap during Boiler Shut Down	Nitrogen	Maintenance	Exempt Not A Criteria or Regulated Substance
All Sources Listed In 62-210.300(3)			Exempted By Rule 62-213.400 and 62-210.300(3)
Grounds	Plant Grounds Maintenance	Maintenance	Trivial

exempt

3 ?

Routine Maintenance Repair Activities	Cleaning, Painting, Welding, Coating Applications, Non- Asbestos Insulation Removal, Hand Held Tools/ Equipment; Meter Repair / Maintenance On- Line/Off-Line Cleaning of Equipment	Maintenance	Trivial
Vent/Exhaust systems for Print Room Storage Cabinets Transformer vaults building, Maintenance /welding building, operating equipment vents, degasification/ dearators/ decarbonators, air blowers & evacuators air locks, feed water heater vents	Steam Condensate Room Vents & Exhaust system	Continuous Maintenance	Trivial
Vents and stacks for sewer lines or enclosed areas required for safety or by code	Sewage gases & Office ventilation	Continuous	Exemption
Electrically heated equipment used for heat tracing, treating, drying, soaking, case hardening or surface conditioning	Electric heaters, heat tape or devices that use electricity as the heat source	Continuous	Trivial
Lawn maintenance equipment and activities	Engine Emissions, Fertilizers, Application of Fungicide, herbicide, & Pesticide	Maintenance	Trivial
Oil House	Steam Cleaning Vat not-covered	Continuous	Exempt
Crist Plant Unit 1			
Equipment/System	Source	Frequency of Operation	Justification
Steam Generator Main Steam	Blow Down	Continuous	Trivial
	Steam Relief Valves	Safety	
	Steam Vents	Maintenance	
	Elevator Room Vent (1)	Continuous	
	Boiler Room Vents (20)	Continuous	
Condensate and Feedwater System	L. P. Feedwater Heater Steam Side Relief Valve (1)		Trivial
	L. P. Feedwater Heater Steam Side Vent (1)		

Condensate and Feedwater System (con'td)	Dearator Relief Valve (1)	Safety	Trivial
	Dearator Vent (1)	Continuous	
	Dearator Dump	Safety	
	H. P. Feedwater Heater Steam Side Relief Valve	Safety	
	H. P. Feedwater Heater Steam Side Vent	Maintenance	
	L. P. Feedwater Heater Water Side Relief Valve (1)	Continuous	
	L. P. Feedwater Heater Water Side Vent (1)	Continuous	
	H. P. Feedwater Heater Water Side Relief Valve	Safety	
	H. P. Feedwater Heater Water Side Vent	Maintenance	
	Miscellaneous Vents To Atmosphere	Maintenance	
	Turbine Seal Water Tank	Continuous	
Condenser and Air Evacuation System	L. P. Turbine Diaphragm Seals	Safety	Trivial
	Condenser Vents (2)	Maintenance	
	Inner - After Condenser Vent	Continuous	
	Circulating Water Pump Vent	Maintenance	
Cooling Water Service Water	Miscellaneous Vents to Atmosphere	Maintenance	Trivial
Testing Equipment	Stack Sampling Calibration Gases	Continuous	Trivial
	Oxygen Detector	Continuous	
CO2 Gas	Fire Protection	Safety	Trivial
	Generator Pump	Maintenance	
Battery Room	Battery Bank	Continuous	Trivial
	Room Vent	Continuous	
Crist Plant Unit 2			
Equipment/System	Source	Frequency of Operation	Justification
Steam Generator Main Steam	Blow Down	Continuous	Trivial
	Steam Relief Valves (5)	Safety	
	Steam Vents (6)	Maintenance	
Condensate and Feedwater System	L. P. Feedwater Heater Steam Side Relief Valve (1)	Safety	Trivial
	L. P. Feedwater Heater Steam Side Vent (2)	Maintenance	

Condensate and Feedwater System (cont'd)	Dearator Relief Valve (1)	Safety	Trivial
	Dearator Vent (1)	Continuous	
	Dearator Dump Tank	Safety	
	H. P. Feedwater Heater Steam Side Relief Valve (1)	Safety	
	H. P. Feedwater Heater Steam Side Vent (1)	Maintenance	
	L. P. Feedwater Heater Water Side Relief Valve (1)	Safety	
	L. P. Feedwater Heater Water Side Vent (1)	Maintenance	
	H. P. Feedwater Heater Water Side Relief Valve (1)	Safety	
	H. P. Feedwater Heater Water Side Vent (1)	Maintenance	
	Miscellaneous Vents To Atmosphere	Maintenance	
	Turbine Seal Water Tank	Continuous	
	Condenser and Air Evacuation System	L. P. Turbine Diaphragm Seals	
Condenser Vents (2)		Maintenance	
Inner - After Condenser Vent		Continuous	
Circulating Water Pump Vent (2)		Maintenance	
Cooling Water Service Water System	Miscellaneous Vent to Atmosphere	Maintenance	Trivial
Testing Equipment	Stack Sampling Calibration Gases	Continuous	Trivial
	Oxygen Detector	Continuous	
	Crist Plant Unit 3		
Equipment/System	Source	Frequency of Operation	Justification
Steam Generator Main Steam	Blow Down	Continuous	Trivial
	Steam Safety Valves (9)	Safety	
	Steam Vents (7)	Maintenance	
Condensate and Feedwater System	L. P. Feedwater Heater Steam Side Relief Valve(2)	Safety	Trivial
	L. P. Feedwater Heater Steam Side Vent (2)	Maintenance	

Condensate and Feedwater System (cont'd)	Dearator Relief Valve (1) Reheat Relief Valves (2)	Safety	Trivial
	Dearator Vent (1)	Continuous	
	H. P. Feedwater Heater Steam Side Relief Valve (2)	Safety	
	H. P. Feedwater Heater Steam Side Vent (2)	Maintenance	
	L. P. Feedwater Heater Water Side Relief Valve (2)	Safety	
	L. P. Feedwater Heater Water Side Vent (2)	Maintenance	
	H. P. Feedwater Heater Water Side Relief Valve (2)	Safety	
	H. P. Feedwater Heater Water Side Vent (2)	Maintenance	
	Miscellaneous Vents To Atmosphere	Maintenance	
	Turbine Seal Water Tank	Continuous	
Condenser and Air Evacuation System	L. P. Turbine Diaphragm Seals	Safety	Trivial
	Condenser Vents (2)	Maintenance	
	Inner - After Condenser Vent	Continuous	
	Circulating Water Pump Vents (2)	Maintenance	
Cooling Water Service Water System	Clear Water Tank	Continuous	Trivial
	Service Water Tank	Continuous	
	Miscellaneous Vents to Atmosphere	Maintenance	
Switch Gear Room	Bathroom Vents	Continuous	Trivial
	Battery Bank	Continuous	
Testing Equipment	Stack Sampling Calibration Gases	Continuous	Trivial
	Oxygen Detection	Continuous	
Crist Plant Unit 4			
Equipment/System	Source	Frequency of Operation	Justification
Steam Generator Main Steam Reheat Steam	Blow Down	Continuous	Trivial
	Superheater Outlet Vent (1)	Maintenance	
	Economizer Link Vent (2)	Maintenance	
	Drum Vents (2)	Maintenance	
	Superheater Link Vent	Maintenance	
	Drum Relief Valves (2)	Safety	

Steam Generator Main Steam Reheat Steam (cont'd)	Main Steam Relief Valves (2)	Safety	Trivial
	Reheat Relief Valves (2)	Safety	
	Sootblowing Header Relief Valve (1)	Safety	
	Steam Coil Supply Relief Valve (1)	Safety	
	Constance Pressure Relief Valve (1)	Safety	
Steam Generator	Sootblowers Packing Leaks	Maintenance	Trivial
Precipitator Control Cabinet	Vent	Continuous	Trivial
Boiler Room	Roof Vents (12)	Continuous	Trivial
	Wall Ventilator Fans (4)	Continuous When Operating	
	Windows	Continuous	
Condensate and Feedwater System	L. P. Feedwater Heater Steam Side Relief Valve (2)	Safety	Trivial
	L. P. Feedwater Heater Steam Side Vents (4)	Maintenance	
	Dearator Relief Valve (1)	Safety	
	Dearator Vent (1) Dearator Dump	Continuous Safety	
	H. P. Feedwater Heater Steam Side Relief Valves (2)	Safety	
	H. P. Feedwater Heater Steam Side Vents (4)	Maintenance	
	Gland Seal Steam Extractor	Continuous	
	Seal Steam Header Relief Header	Safety	
	L. P. Feedwater Heater Water Side Relief Valve (2)	Safety	
	L. P. Feedwater Heater Water Side Vents (2)	Maintenance	
	Economizer Feedwater Inlet Vent	Maintenance	
	H. P. Feedwater Heater Water Side Relief Valves (2)	Safety	
	H. P. Feedwater Heater Water Side Vent (1)	Maintenance	
Condenser and Air Evacuation System	L. P. Turbine Diaphragm Seals	Safety	Trivial
	Condenser Vents (2)	Maintenance	
	Vacuum Pump Exhaust	Continuous	

Conenser and Air Evacuation System	Circulating Water Pump Vent (2)	Maintenance	Trivial
Cooling Water Service Water System	Miscellaneous Vent to Atmosphere	Maintenance	Trivial
Battery Room	Battery Bank Room Vent	Continuous	Trivial
Testing Equipment	CEMs	Continuous	Trivial
	Oxygen Detector	Continuous	
	Stack Sampling Calibration Gases	Continuous	
CO2 Gas	Fire Protection	Safety	Trivial
	Generation Purge	Maintenance	
Paint Cabinet	20 cans	Continuous	Trivial
Coal System	Coal Scales Samples Take Here (4)	Continuous	Trivial
	Coal Feeders Negative Draft (4)	Continuous	
	Coal Pulverizes with Exhauster Fans (4)	Maintenance	
	Coal Burners and Piping (16)	Continuous	
	Coal Sample Ports at Coal Burners (16)	Maintenance	
	Coal Sample Ports at Pulverizers (8)	Maintenance	
Crist Plant Unit 5			
Equipment/System	Source	Frequency of Operation	Justification
Steam Generator Main Steam Reheat Steam	Blow Down	Continuous	Trivial
	Superheater Outlet Vent (1)	Maintenance	
	Economizer Link Vent (2)	Maintenance	
	Drum Vents (2)	Maintenance	
	Superheater Link Vent	Maintenance	
	Drum Relief Valves (2)	Safety	
	Main Steam Relief Valves	Safety	
	Reheat Relief Valves (2)	Safety	
	Sootblowing Header Relief Valve (1)	Safety	
	Steam Coil Supply Relief Valve (1)	Safety	
	Constance Pressure Relief Valve (1)	Safety	
	Sootblowers Packing Leaks	Maintenance	
Precipitator Control Cabinet	Vents	Continuous	Trivial
Elevator Room	Roof Vents (2)	Continuous	Trivial

Boiler Room	Roof Vents (12)	Continuous	Trivial
	Wall Ventalator Fans (4)	Continuous When Operating	
Condensate and Feedwater Systems	L. P. Feedwater Heater Steam Side Relief Valve (2)	Safety	Trivial
	L. P. Feedwater Heater Steam Side Vents (4)	Maintenance	
	Dearator Relief Valves (1)	Safety	
	Dearator Vents (1)	Continuous	
	Dearator Dump Tank	Safety	
	Economizer Feedwater Inlet Vent	Maintenance	
	H. P. Feedwater Heater Steam Side Relief Valve (2)	Safety	
	H. P. Feedwater Heater Steam Side Vents To Atmosphere	Maintenance	
	Gland Seal Steam Extractor	Continuous	
	Seal Steam Header Reheat (1)	Safety	
	L. P. Feedwater Heater Water Side Relief Valve (2)	Safety	
	L. P. Feedwater Heater Water Side Vents (2)	Maintenance	
	H. P. Feedwater Heater Water Side Relief Valves (2)	Safety	
	H. P. Feedwater Heater Water Side Vents	Maintenance	
Condenser and Air Evacuation System	L. P. Turbine Diaphragm Seals	Safety	Trivial
	Condenser Vents (2)	Maintenance	
	Vacuum Pump Exhaust	Continuous	
	Circulating Water Pump Vent (2)	Maintenance	
Cooling Water Service Water System	Service Water Tank	Continuous	Trivial
	Clear Water Tank	Continuous	
	Service Water Cooler Vent	Maintenance	
	Miscellaneous Vent to Atmosphere	Maintenance	
Testing Equipment	CEMs	Continuous	Trivial
	Stack Sampling Calibration Gases	Continuous	
	Oxygen Detector	Continuous	
CO2 Gas	Fire Protection	Safety	Trivial
	Generator Purge	Maintenance	

Coal System	Coal Scales Samples Taken Here	Continuous	Trivial
	Coal Negative Draft Feeders	Continuous	
	Coal Pulverizer with Exhausted Fans (4)	Maintenance	
	Coal Burners and Piping (16)	Continuous while in service	
	Coal Sample Ports at Coal Burners (16)	Maintenance	
	Coal Sample Ports at Pulverizers (8)	Maintenance	
Crist Plant Unit 6			
Equipment/System	Source	Frequency of Operation	Justification
Steam Generator Main Steam Reheat Steam	Steam Silencer	Maintenance	Trivial
	Blowdown	Continuous	
	Drum Relief Valves (4)	Safety	
	Superheat (2) Relief Valves	Safety	
	Reheat Relief Valves (6)	Safety	
	Atomizer Steam Relief Valve	Safety	
	Constant Pressure Relief Valve	Safety	
	Soot blowing Header Relief Valve	Safety	
	Main Stream Vent (2)	Maintenance	
	Drum Vents (2)	Maintenance	
	Economizer Loop Vent (2)	Maintenance	
	Atomizing Steam Vent	Maintenance	
	Reheat Vents	Maintenance	
	Division Wall Inlet Header Vent	Maintenance	
	Superheat spraywater vents	Maintenance	
	Soot Blower packing leaks	As Needed	
Boiler Room	Vent Fans (7)	Continuous	Trivial
Elevator Room	Vents (2)	Continuous	Trivial
Condensate and Feedwater Systems	L. P. Feedwater Heater Steam Side Relief Valve (3)	Safety	Trivial
	L. P. Feedwater Heater Steam Side Vents (3)	Maintenance	Trivial
	Dearator Relief Valves (2)	Safety	Trivial

Condensate and Feedwater Systems (cont'd)	Dearator Vents (4)	Continuous	Trivial
	Dearator Dump Tank	Safety	
	H. P. Feedwater Heater Water Side Relief Valves (2)	Safety	
	H. P. Feedwater Heaters Steam Side Relief Valves (2)	Safety	
	H. P. Feedwater Heater Water Side Vents (2)	Maintenance	
	H. P. Feedwater Heater Steam Side Vents To Atmosphere (4)	Maintenance	
	Miscellaneous Vents to Atmosphere	Maintenance	
	Gland Seal Steam Vapor Extractor	Continuous while unit in on line	
	Seal Steam Header Relief Valves (2)	Maintenance	
	Seal Steam Header Vents (2)	Maintenance	
	L. P. Feedwater Heater Water Side Relief Valve (3)	Safety	
	L. P. Feedwater Heater Water Side Vents (5)	Maintenance	
	Condensate Storage Tanks (3)	Continuous	
	Condenser and Air Evacuation System	L. P. Turbine Diaphragm Seals	
Condenser Vents (4)		Maintenance	
Vacuum Pump Exhaust		Continuous While on line	
Closed Service Water System	Service Water Tank	Continuous	Trivial
	Service Water Cooler Vents	Maintenance	
	Miscellaneous Vents To Atmosphere	Maintenance	
Battery Room	Battery Bank Room Vent	Continuous	Trivial
Turbine Building	Roof Vents (8)	Continuous	Trivial
	Ventilation Fans (blow in)	Continuous in summer - off in winter	
Testing Equipment	CEMs	Continuous	Trivial
	Stack Sampling Calibration gases	Continuous	
	Oxygen Gas Detector	Continuous	
Coal System	Coal Feeders With Sampling Ports (4)	Maintenance	Trivial
	Pulverizer Seal Air Fan	Continuous While Pulverizers are in Service	

Coal System (cont'd)	Pyrite Hopper Loop Seal	Continuous While Pulverizers are in Service	Trivial
	Coal pipes	Continuous While Pulverizers are in service	
	Clean Out Ports on coal pipes	Maintenance	
	Coal Fineness Ports (32)	Maintenance	
	Coal and/or oil and/or gas burners (16)	Continuous while pulverizer is in service	
Boiler Roof	Ash & Dirt on Roof	Continuous	Trivial
Crist Plant Unit 7			
Equipment/System	Source	Frequency of Operation	Justification
Steam Generator Main Steam Reheat Steam	Steam Silencer	Maintenance	Trivial
	Blowdown	Continuous	
	Drum Relief Valves (6)	Maintenance	
	Superheat (3) Relief Valves	Maintenance	
	Reheat Relief Valves (9)	Maintenance	
	Air Heater Steam Coil Supply Steam Relief	Maintenance	
	Air Heater Soot Blower Relief Valve (2)	Maintenance	
	Atomizing Steam Relief Valve	Maintenance	
	Main Stream Vent	Maintenance	
	Drum Vents (2)	Maintenance	
	Economizer Loop Vent (2)	Maintenance	
	Atomizing Steam Vent	Maintenance	
	Main Soot Blowing Header Safety	Maintenance	
	Hot Reheat Vent	Maintenance	
	Soot Blowers (packing leaks)	As Needed	
Condensate and Feedwater Systems	L. P. Feedwater Heater Steam Side Relief Value (2)	Safety	Trivial
	L. P. Feedwater Heater Steam Side Vents to Atmosphere (2)	Maintenance	
	Dearator Relief Valves (2)	Safety	
	Dearator Vents (4)	Continuous	
	H. P. Feedwater Heater Steam Sign Relief Valves	Safety	

Condensate and Feedwater Systems (cont'd)	H. P. Feedwater Heater Steam Side Vents to Atmosphere	Maintenance	Trivial
	Gland Seal Steam Extractor	Continuous	
	Seal Steam Header Relief Valve (2)	Maintenance	
	Seal Steam Header Vent (2)	Maintenance	
	L. P. Feedwater Heater Water Side Relief Valve (4)	Safety	
	L. P. Feedwater Heater Water side vents (2)	Maintenance	
	H. P. Feedwater Heater Water side Relief Valves	Safety	
	H. P. Feedwater Heater Water Side Vents	Maintenance	
	Miscellaneous Vents to Atmosphere	Maintenance	
	Condensate Storage Tanks (3)	Continuous	
	Condenser and Air Evacuation System	L. P. Turbine Diaphragm Seals	
Condenser Units (16)		Maintenance	
Exhaust Water Trap Silencers Vacuum Pump		Continuous	
Circulating Water Tunnel Vent		Continuous	
Cooling Water Service Water System	Service Water Tank	Continuous	Trivial
	Service Water Cooler Vents	Maintenance	
	Miscellaneous Vents To Atmosphere	Maintenance	
Well Water System	Clear Water Tank	Continuous	Trivial
	Potable Water Tank	Continuous	
	Air Vents To Atmosphere	Continuous	
Battery Room	Battery Bank Room Vent	Continuous	Trivial
E. H. Control Oil System	Roof Vents (40)	Continuous	Trivial
Testing Equipment	CEMs	Continuous	Trivial
	Stack Sampling Calibration gases oxygen gas detector	Continuous	
Coal System	Coal Feeders With Sampling Parts (6)	Maintenance	Trivial
	Pyrite Hopper Loop Seal	Maintenance	

Coal System (cont'd)	Coal Pipes	Maintenance	Trivial
	Clean out ports on Coal Pipes	Maintenance	
	Coal Fineness Port 5 (08)	Maintenance	
	Coal and/or oil and/or gas Burners	Continuous While Pulverizer is in Service	
Crist Plant Handling			
Equipment/System	Source	Frequency of Operation	Justification
New Office and Break Room	Bathroom Vents		Trivial

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Refrigerant Inventory
June 3, 1996

<u>Location</u>	<u>Qty of Units</u>	<u>Type of Ref</u>	<u>Ref per (lbs)</u>	<u>Total Ref (lbs)</u>
A/C Units :				
Warehouse Complex	5	R-22	200	1,000
Warehouse Offices	1	R-22	200	200
Plant Office Annex	2	R-22	125	250
Laboratory Complex	4	R-22	100	400
Laboratory Complex	1	R-134	100	100
Control Room (6-7)	4	R-22	60	240
Control Room (1-5)	2	R-22	50	100
SCR Complex	1	R-22	32	32
Construction Office	1	R-22	15	15
Unit 6 ESP Control House	2	R-22	15	30
Protective Relay Enclosures	4	R-22	10	40
Old EMS Building (1-5)	2	R-22	10	20
Tractor Garage Complex	4	R-22	10	40
CEMS Shelter (1-5)	1	R-22	7	7
CEMS Shelter (6-7)	1	R-22	5	5
Operations Offices	2	R-22	5	10
Unit 6 Ignitor Controls Room	2	R-22	5	10
Unit 6 Voltage Regulator	2	R-22	5	10
Fly Ash Contols Cabinets (4-5)	2	R-22	2	4
Miscellaneous Window Units	--	R-22	--	3
Drinking Water Fountains	--	R-12	--	7
Ice Machines : Laboratory	1	R-12	1.5	1.5
Office Annex	1	R-502	2	2
Warehouse	1	R-404A	1.5	1.5
Coal Docks Bldg	1	R-404A	1.5	1.5
New Refrigerant in Warehosue :	3	R-12	50	150
	4	R-22	50	200
	3	R-134	30	90
Total Estimated Refrigerant (lbs)				2,969.50

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CRFS-14

COMPLIANCE REPORT AND PLAN CRIST ELECTRIC GENERATING PLANT

The following compliance report and plan is provided to document the compliance status of each emissions unit addressed in this Application for Air Permit. Each emissions unit is addressed with respect to each applicable requirement, applicable test method, test frequency, reporting, recordkeeping, emission limit, and compliance status. For any instance of noncompliance, a description of actions is provided that will be taken to achieve compliance, including a compliance schedule with enforceable milestones.

Crist Electric Generating Plant Compliance Report

Current Applicable Requirements and Status

- Crist Unit 1 (Emissions Unit 1)**

Parameter	Applicable Requirements	Test Method	Test Frequency	Reporting	Recordkeeping	Limits	Compliance Status
SO2	62-296.405	62-4.070	NA	Maintain Log	5 years	1.98 lb/MBTU	In
PM	62-296.405	EPA Method 5/17	Annual*	Per Test	5 years	0.1 lb/MBTU	In
Visible Emissions	62-296.405	EPA Method 9	Annual*	Per Test	5 years	20%	In
SO2	40 CFR Parts 72,73,75,77,78	Appendix D 40CFR75	6-12 months	Quarterly	3 years	Phase II SO2 Allowances	In
NOx	40 CFR Parts 72,77,78	CEM 40CFR75	6-12 months	Quarterly	3 years	Phase II NOx Standards	In

- Crist Unit 2 (Emissions Unit 2)**

Parameter	Applicable Requirements	Test Method	Test Frequency	Reporting	Recordkeeping	Limits	Compliance Status
SO2	62-296.405	62-4.070	NA	Maintain Log	5 years	1.98 lb/MBTU	In
PM	62-296.405	EPA Method 5/17	Annual*	Per Test	5 years	0.1 lb/MBTU	In
Visible Emissions	62-296.405	EPA Method 9	Annual*	Per Test	5 years	20%	In
SO2	40 CFR Parts 72,73,75,77,78	Appendix D 40CFR75	6-12 months	Quarterly	3 years	Phase II SO2 Allowances	In
NOx	40 CFR Parts 72,77,78	CEM 40CFR75	6-12 months	Quarterly	3 years	Phase II NOx Standards	In

* No test required if operated less than 400 hours/year on fuel oil.

Current Applicable Requirements and Status

- Crist Unit 3 (Emissions Unit 3)**

Parameter	Applicable Requirements	Test Method	Test Frequency	Reporting	Recordkeeping	Limits	Compliance Status
SO2	62-296.405	62-4.070	NA	Maintain Log	5 years	1.98 lb/MBTU	In
PM	62-296.405	EPA Method 5/17	Annual*	Per Test	5 years	0.1 lb/MBTU	In
Visible Emissions	62-296.405	EPA Method 9	Annual*	Per Test	5 years	20%	In
SO2	40 CFR Parts 72,73,75,77,78	Appendix D 40CFR75	6-12 months	Quarterly	3 years	Phase II SO2 Allowances	In
NOx	40 CFR Parts 72,77,78	CEM 40CFR75	6-12 months	Quarterly	3 years	Phase II NOx Standards	In

- Crist Unit 4 (Emissions Unit 4)**

Parameter	Applicable Requirements	Test Method	Test Frequency	Reporting	Recordkeeping	Limits	Compliance Status
SO2	62-296.405	CEM/FS&A**	24 hour	Quarterly	5 years	5.9 lb/MBTU	In
PM	62-296.405	EPA Method 5/17	Annual	Per Test	5 years	0.1 lb/MBTU	In
Visible Emissions	62-296.405	EPA Method 9	Annual	Per Test	5 years	40%	In
SO2	40 CFR Parts 72,73,75,77,78	CEM 40CFR75	6-12 months	Quarterly	3 years	Phase I/II SO2 Allowances	In
NOx	40 CFR Parts 72,77,78	CEM 40CFR75	6-12 months	Quarterly	3 years	Phase I NOx Averaging Plan	In

* No test required if operated less than 400 hours/year on fuel oil. ** Continuous Emission Monitoring or Fuel Sampling and Analysis Method (See Special Conditions)

Current Applicable Requirements and Status

- Crist Unit 5 (Emissions Unit 5)**

Parameter	Applicable Requirements	Test Method	Test Frequency	Reporting	Recordkeeping	Limits	Compliance Status
SO ₂	62-296.405	CEM/FS&A**	24 hour	Quarterly	5 years	5.9 lb/MBTU	In
PM	62-296.405	EPA Method 5/17	Annual	Per Test	5 years	0.1 lb/MBTU	In
Visible Emissions	62-296.405	EPA Method 9	Annual	Per Test	5 years	40%	In
SO ₂	40 CFR Parts 72,73,75,77,78	CEM 40CFR75	6-12 months	Quarterly	3 years	Phase I/II SO ₂ Allowances	In
NO _x	40 CFR Parts 72,77,78	CEM 40CFR75	6-12 months	Quarterly	3 years	Phase I NO _x Averaging Plan	In

- Crist Unit 6 (Emissions Unit 6)**

Parameter	Applicable Requirements	Test Method	Test Frequency	Reporting	Recordkeeping	Limits	Compliance Status
SO ₂	62-296.405	CEM/FS&A**	24 hour	Quarterly	5 years	5.9 lb/MBTU	In
PM	62-296.405	EPA Method 5/17	Annual	Per Test	5 years	0.1 lb/MBTU	In
Visible Emissions	62-296.405	EPA Method 9	Annual	Per Test	5 years	40%	In
SO ₂	40 CFR Parts 72,73,75,77,78	CEM 40CFR75	6-12 months	Quarterly	3 years	Phase I/II SO ₂ Allowances	In
NO _x	40 CFR Parts 72,77,78	CEM 40CFR75	6-12 months	Quarterly	3 years	Phase I NO _x Averaging Plan	In

** Continuous Emission Monitoring or Fuel Sampling and Analysis Method (See Special Conditions)

Current Applicable Requirements and Status

- Crist Unit 7 (Emissions Unit 7)**

Parameter	Applicable Requirements	Test Method	Test Frequency	Reporting	Recordkeeping	Limits	Compliance Status
SO2	62-296.405	CEM/FS&A**	24 hour	Quarterly	5 years	5.9 lb/MBTU	In
PM	62-296.405	EPA Method 5/17	Annual	Per Test	5 years	0.1 lb/MBTU	In
Visible Emissions	62-296.405	EPA Method 9	Annual	Per Test	5 years	40%	In
SO2	40 CFR Parts 72,73,75,77,78	CEM 40CFR75	6-12 months	Quarterly	3 years	Phase I/II SO2 Allowances	In
NOx	40 CFR Parts 72,77,78	CEM 40CFR75	6-12 months	Quarterly	3 years	Phase I NOx Averaging Plan	In

** Continuous Emission Monitoring or Fuel Sampling and Analysis Method (See Special Conditions)

- Crist Silo (Emissions Unit 8)**

Parameter	Applicable Requirements	Test Method	Test Frequency	Reporting	Recordkeeping	Limits	Compliance Status
Visible Emissions	62-296.405	EPA Method 9	Annual	Per Test	5 years	20%	In

- Crist Materials Handling (Emissions Unit 9)**

No current applicable requirements noted.

- Crist Miscellaneous Emissions (Emissions Unit 10)**

No current applicable requirements noted.

FS-15

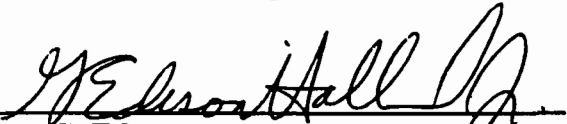
CRFS-15

COMPLIANCE CERTIFICATION CRIST ELECTRIC GENERATING PLANT

The following certification is provided as to the truth, accuracy, and completeness of the Crist Electric Generating Plant Compliance Plan. The certification and any applicable progress reports will be provided with the initial Title V application, renewal, modification, and annually in concert with the submission of the Air Operating Report on or before March 1 each year of the active permit.

"I, the undersigned, am the responsible official as defined in Chapter 62-120.200, F.A.C., of the Title V source for which this report is being submitted. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made and data contained in this report are true, accurate, and complete."

Responsible Official Signature:



G. Edison Holland, Jr.

V. P. Power Generation/Transmission
and Corporate Counsel

6/6/96
Date Signed

Unit 1

III. EMISSIONS UNIT INFORMATION

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 1

Crist Plant Unit 1 Electric Utility Boiler

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one :

[X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

[] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one :

[X] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

[] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. Part 1 - 1

Emissions Unit Information Section 1

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section : Crist Plant Unit 1 Electric Utility Boiler		
2. Emissions Unit Identification Number : 001 [] No Corresponding ID [] Unknown		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? [X] Yes [] No	5. Emissions Unit Major Group SIC Code : 49
6. Emissions Unit Comment : Crist Unit 1 is a Riley front wall-fired dry bottom boiler. The primary fuels are natural gas, #6 fuel oil and # 2 fuel oil.		

Emissions Unit Information Section 1
Crist Plant Unit 1 Electric Utility Boiler

Emissions Unit Control Equipment 1

1. Description :

Crist Unit 1 has no pollution control equipment. Emissions are controlled by proper operation of the boiler and by the amount of sulfur in the fuel.

2. Control Device or Method Code :

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Information Section 1
Crist Plant Unit 1 Electric Utility Boiler

Emissions Unit Details

1. Initial Startup Date :	01-Jan-1945	
2. Long-term Reserve Shutdown Date :		
3. Package Unit :		
Manufacturer :		Model Number :
4. Generator Nameplate Rating :	28	MW
5. Incinerator Information :		
Dwell Temperature :		Degrees Fahrenheit
Dwell Time :		Seconds
Incinerator Afterburner Temperature :		Degrees Fahrenheit

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	320	mmBtu/hr
2. Maximum Incinerator Rate :	lb/hr	tons/day
3. Maximum Process or Throughput Rate :		
4. Maximum Production Rate :		
5. Operating Capacity Comment :	Unit is capable of full load operations using natural gas, #6 fuel and #2 fuel oil. The maximum heat input rate in item 1 is an estimated design rate using natural gas as determined by fuel sampling and analysis. Actual heat input rates may be higher.	

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :		
	24 hours/day	7 days/week
	52 weeks/year	8,760 hours/year

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Emissions Unit Information Section 1
Crist Plant Unit 1 Electric Utility Boiler

Rule Applicability Analysis

Not Applicable

Emissions Unit Information Section
Crist Plant Unit 1 Electric Utility Boiler

I

List of Applicable Regulations

Title V Core List

Crist Unit 1 Federal-Regulation List (Cr1rule.EPA)

Crist Unit 1 State-Regulation List (Cr1rule.DEP)

III. Part 6b - 1

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

April 1, 1996

Owners
Title V Sources

Dear Permittee:

Department records indicate that you operate a facility that is subject to Title V of the Clean Air Act. As you probably know, applications for Title V permits are due by June 15, 1996.

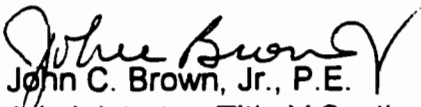
The Department has made numerous changes in its rules in recent months. Therefore, the Title V Core List, a list of rules that presumptively applies to each Title V source, has been updated and is provided for your convenience in completing the Title V application.

Enclosed you will also find a cross-reference of the old rule numbers and their new numbers.

Applicants are encouraged to use the new listing, however, to the extent that the applications have been completed by using the outdated rule references, it is not essential that the applications be changed.

If your facility is not subject to Title V, please disregard. If you do not know whether your facility is a Title V source or if you need additional information, please contact the Title V coordinator in Tallahassee for your geographical location as shown on the enclosure.

Sincerely,


John C. Brown, Jr., P.E.
Administrator, Title V Section
Bureau of Air Regulation

JCB/sk

Enclosures

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

[**Note:** The Title V Core List is meant to simplify the completion of the "List of Applicable Regulations" for DEP Form No. 62-210.900(1), Application for Air Permit - Long Form. The Title V Core List is a list of rules to which all Title V Sources are presumptively subject. The Title V Core List may be referenced in its entirety, or with specific exceptions. The Department may periodically update the Title V Core List.]

Federal: (description)

40 CFR 61: National Emission Standards for Hazardous Air Pollutants (NESHAP)
40 CFR 61, Subpart M: National Emission Standard for Asbestos.

40 CFR 82: Protection of Stratospheric Ozone.
40 CFR 82, Subpart B: Servicing of Motor Vehicle Air Conditioners (MVAC).
40 CFR 82, Subpart F: Recycling and Emissions Reduction.

State: (description)

CHAPTER 62-4, F.A.C.: PERMITS, effective 10-16-95

62-4.030, F.A.C.: General Prohibition.
62-4.040, F.A.C.: Exemptions.
62-4.050, F.A.C.: Procedure to Obtain Permits; Application.
62-4.060, F.A.C.: Consultation.
62-4.070, F.A.C.: Standards for Issuing or Denying Permits; Issuance; Denial.
62-4.080, F.A.C.: Modification of Permit Conditions.
62-4.090, F.A.C.: Renewals.
62-4.100, F.A.C.: Suspension and Revocation.
62-4.110, F.A.C.: Financial Responsibility.
62-4.120, F.A.C.: Transfer of Permits.
62-4.130, F.A.C.: Plant Operation - Problems.
62-4.150, F.A.C.: Review.
62-4.160, F.A.C.: Permit Conditions.
62-4.210, F.A.C.: Construction Permits.
62-4.220, F.A.C.: Operation Permit for New Sources.

CHAPTER 62-103, F.A.C.: RULES OF ADMINISTRATIVE PROCEDURE, effective 12-31-95

62-103.150, F.A.C.: Public Notice of Application and Proposed Agency Action.
62-103.155, F.A.C.: Petition for Administrative Hearing; Waiver of Right to Administrative Proceeding.

CHAPTER 62-210, F.A.C.: STATIONARY SOURCES - GENERAL REQUIREMENTS, effective 03-21-96

- 62-210.300, F.A.C.: Permits Required.
- 62-210.300(1), F.A.C.: Air Construction Permits.
- 62-210.300(2), F.A.C.: Air Operation Permits.
- 62-210.300(3), F.A.C.: Exemptions.
- 62-210.300(3)(a), F.A.C.: Full Exemptions.
- 62-210.300(3)(b), F.A.C.: Temporary Exemption.

- 62-210.300(5), F.A.C.: Notification of Startup.
- 62-210.300(6), F.A.C.: Emissions Unit Reclassification.

- 62-210.350, F.A.C.: Public Notice and Comment.
- 62-210.350(3), F.A.C.: Additional Public Notice Requirements for Facilities Subject to Operation Permits for Title V Sources.

- 62-210.360, F.A.C.: Administrative Permit Corrections.

- 62-210.370(3), F.A.C.: Annual Operating Report for Air Pollutant Emitting Facility.

- 62-210.650, F.A.C.: Circumvention.

- 62-210.900, F.A.C.: Forms and Instructions.
- 62-210.900(1) Application for Air Permit - Long Form, Form and Instructions.
- 62-210.900(5) Annual Operating Report for Air Pollutant Emitting Facility, Form and Instructions.

CHAPTER 62-213, F.A.C.: OPERATION PERMITS FOR MAJOR SOURCES OF AIR POLLUTION, effective 03-20-96

- 62-213.205, F.A.C.: Annual Emissions Fee.
- 62-213.400, F.A.C.: Permits and Permit Revisions Required.
- 62-213.410, F.A.C.: Changes Without Permit Revision.
- 62-213.412, F.A.C.: Immediate Implementation Pending Revision Process.
- 62-213.420, F.A.C.: Permit Applications.
- 62-213.430, F.A.C.: Permit Issuance, Renewal, and Revision.
- 62-213.440, F.A.C.: Permit Content.
- 62-213.460, F.A.C.: Permit Shield.

- 62-213.900, F.A.C.: Forms and Instructions.
- 62-213.900(1) Major Air Pollution Source Annual Emissions Fee Form, Form and Instructions.

Title V Core List

Effective: 03/25/96

CHAPTER 62-256, F.A.C.: OPEN BURNING AND FROST PROTECTION FIRES, effective 11-30-94

CHAPTER 62-257, F.A.C.: ASBESTOS NOTIFICATION AND FEE, effective 03/24/96

CHAPTER 62-281, F.A.C.: MOTOR VEHICLE AIR CONDITIONING REFRIGERANT RECOVERY AND RECYCLING, effective 03-07-96

CHAPTER 62-296, F.A.C.: STATIONARY SOURCES - EMISSION STANDARDS, effective 03-13-96

62-296.320(2), F.A.C.: Objectionable Odor Prohibited.

62-296.320(3), F.A.C.: Industrial, Commercial, and Municipal Open Burning Prohibited.

62-296.320(4)(c), F.A.C.: Unconfined Emissions of Particulate Matter.

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**Division of Air Resources Management
Rule Repeals and Conforming Amendments
Cross-Reference of Rule Number Changes**

March 24, 1996

Based on FAW Notices: 10/27/95 (effective 1/1/96 & 1/2/96)
 12/15/96, 2/2/96, & 2/9/96 (effective 3/13/96)
 1/26/96 (effective 3/24/96)

Rules Moved or Renumbered

From:

To:

62-204:

204.500	204.500(1)
204.500(1)-(4)	204.500(1)(a)-(d)
204.600	204.500(2)

62-210:

210.400(4)	212.600(3)
Fig. 210.400-1	212.600(3)(c)4. - figure replaced by equation
210.500 - except last sentence	204.220(4)

62-212:

212.200 - all definitions	210.200 - definitions merged in as needed
212.400(6)-(8) and below	212.400(7)-(9) and below
212.410(1)(a)-(d)	212.400(6)(a)1.-4.
212.410(2)	212.400(6)(b)
212.410(3)(a) and below	212.400(6)(c) - amended to cite CFR
212.410(3)(b) and below	212.400(6)(c)1. - amended to cite CFR
212.410(3)(c)	212.400(6)(c)2.
212.410(4)(a)-(b)	212.400(6)(d)1.-2.
212.500(7) and below	212.500(8) and below
212.510(1)(a)-(c)	212.500(7)(a)1.-3.
212.510(2)-(3)	212.500(7)(b)-(c)
212.700(1)-(2)	210.300(6)(a)-(b)

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

From:

To:

62-213:

213.200 - all definitions
213.210

210.200 - definitions merged in as needed
213.205(5)

62-214:

214.200 - all definitions

210.200 - definitions merged in as needed

62-215:

215.220(1)
215.220(1)(a)-(c)
215.220(2)
215.220(3)(a)-(b)
215.220(4)
215.220(5)(a)-(d)
215.230
215.230(1)-(10)
215.230(11)(a)-(d)
215.230(12)
215.230(12)(a)-(d)
215.230(13)(a)-(b)
215.230(14)
215.230(14)(a)-(b)
215.230(15)
215.230(16)
215.230(16)(a)
215.230(16)(b)
215.230(17)-(19)
215.300(1)
215.900(1)

213.300(2)(a)
213.300(2)(a)1.-3.
213.300(2)(b)
213.300(2)(c)1.-2.
213.300(2)(d)
213.300(2)(e)1.-4.
213.300(3)
213.300(3)(a)-(j)
213.300(3)(k)1.-4.
213.300(3)(l)1.
213.300(3)(l)2.-5.
213.300(3)(m)1.-2.
213.300(3)(n)1.
213.300(3)(n)2.-3.
213.300(3)(o)
213.300(3)(p)1.
213.300(3)(p)1. - last sentence
213.300(3)(p)2.
213.300(3)(q)-(s)
213.300(1)(a)
213.900(2)

62-257:

257.300
257.301(1)-(5) and below
257.350

257.301(1)
257.301(2)-(6) and below
204.800(8)(b)8.

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

From:

To:

62-272:

272.100	204.100(1)
272.200 - all definitions	204.200 - definitions merged in as needed
272.300(2) - except last sentence	204.220(1)
272.300(2) - last sentence	204.220(3)
272.300(3)(a)1.-3.	204.240(1)(a)-(c)
272.300(3)(b)1.-2.	204.240(2)(a)-(b)
272.300(3)(c)1.-2.	204.240(3)(a)-(b)
272.300(3)(d)1.	204.240(4)
272.300(3)(d)1.a.-c.	204.240(4)(a)-(c)
272.300(3)(e)1.	204.240(5)
272.300(3)(f)1.	204.240(6)
272.500	204.260
272.500(1)(a)-(b) and below	204.260(1)(a)-(b) and below
272.500(1)(c)1.	204.260(1)(c)
272.500(2)(a)-(b) and below	204.260(2)(a)-(b) and below
272.500(2)(c)1.	204.260(2)(c)
272.500(3)(a)-(b) and below	204.260(3)(a)-(b) and below
272.500(3)(c)1.	204.260(3)(c)

62-275:

275.100	204.100(2)
275.200 - all definitions	204.200 - definitions merged in as needed
275.300 and below	204.320 and below
275.400(1)-(5)	204.340(1)(a)-(e)
275.410(1)	204.340(2)(a) - amended to delete ozone areas
275.410(2)-(7)	204.340(2)(b)-(g)
275.420(1)	204.340(3)(a)
275.420(2)(a)-(d)	204.340(3)(b)1.-4.
275.420(3)	204.340(3)(c)
275.600(1)(a)	204.340(4)(a)1.
275.600(1)(b)	204.340(4)(a)2.-4. - amended to add ozone areas
275.600(3)(a)-(b)	204.340(4)(b)1.-2.
275.600(4)-(5)	204.340(4)(c)-(d)
275.700(1)-(3) and below	204.360(1)-(3) and below
275.800(1) and below	204.360(4) and below
275.800(2) and below	204.360(5) and below

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

From:

To:

62-296:

296.200 - all definitions	210.200 - definitions merged in as needed
296.310	296.320(4)
296.310(1)	296.320(4)(a)
296.310(1)(a)1.-3.	296.320(4)(a)1.a.-c.
296.310(1)(b)	296.320(4)(a)2.
296.310(1)(c)	296.320(4)(a)3.
296.310(1)(c)1.a.-b.	296.320(4)(a)3.a.(i)-(ii)
296.310(1)(c)2.a.-b.	296.320(4)(a)3.b.(i)-(ii)
296.310(1)(c)3.	296.320(4)(a)3.c.
Table 296.310-1	Table 296.320-1
296.310(2)(a) - first sentence	296.320(4)(b)1.
296.310(2)(a) - remaining sentences	296.320(4)(b)2. - amended to clarify intent
296.310(2)(a)1.-3.	296.320(4)(b)2.a.-c.
296.310(2)(b)	296.320(4)(b)3.
296.310(2)(c)1.-2.	296.320(4)(b)4.a.-b.
296.310(3)(a)-(b)	296.320(4)(c)1.-2.
296.310(3)(c)1.-8.	296.320(4)(c)3.a.-h.
296.310(3)(d)	296.320(4)(c)4.
296.800(1)	204.800(7)(a)
296.800(2)(a)	204.800(7)(b)
296.800(2)(a)1.-68.	204.800(7)(b)1.-68.
296.800(2)(b)	204.800(7)(c)
296.800(3)	204.800(7)(d)
296.800(4)	204.800(7)(e)
296.800(4)(a)-(e)	204.800(7)(e)1.-5.
296.810(1)	204.800(8)(a)
296.810(2)(a)	204.800(8)(b)
296.810(2)(a)1.-7.	204.800(8)(b)1.-7.
296.810(2)(a)8.-14.	204.800(8)(b)9.-15.
296.810(2)(b)	204.800(8)(c)
296.810(3)	204.800(8)(d)
296.810(4)	204.800(8)(e)
296.810(4)(a)-(c)	204.800(8)(e)1.-3.
296.820(1)	204.800(9)(a)
296.820(2)(a)	204.800(9)(b)
296.820(2)(a)1.-5.	204.800(9)(b)1.-5.
296.820(2)(b)	204.800(9)(c)
296.820(3)	204.800(9)(d)
296.820(3)(a)-(d)	204.800(9)(d)1.-4.
296.820(4)	204.800(9)(e)
296.820(4)(a)-(b)	204.800(9)(e)1.-2.

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

From:

To:

62-297:

297.200 - all definitions	210.200 - definitions merged in as needed
297.310(4)	297.310(9)
297.330(1)	297.310(4)(a)
297.330(1)(a)-(b)	297.310(4)(a)1.-2.
297.330(1)(b)1.-3.	297.310(4)(a)2.a.-c.
297.330(2)-(5)	297.310(4)(b)-(e)
Table 297.330-1	Table 297.310-1
297.340(1)	297.310(7)(a)
297.340(1)(a)-(b)	297.310(7)(a)1.-2.
297.340(1)(c)	297.310(7)(a)3.
297.340(1)(c)1.-2.	297.310(7)(a)3.a.-b.
297.340(1)(d)	297.310(7)(a)4.
297.340(1)(d)1.	297.310(7)(a)4.a.
297.340(1)(d)2.a.-c.	297.310(7)(a)4.b. - lang. combined in one paragraph
297.340(1)(d)3.	297.310(7)(a)4.c.
297.340(1)(e)-(j)	297.310(7)(a)5.-10.
297.340(2)-(3)	297.310(7)(b)-(c)
297.345	297.310(6)
297.345(1)-(2)	297.310(6)(a)-(b)
297.345(3)(a)1.-5.	297.310(6)(c)1.-5.
297.345(3)(b)1.-4.	297.310(6)(d)1.-4.
297.345(3)(c)1.-2.	297.310(6)(e)1.-2.
297.345(3)(d)1.-2.	297.310(6)(f)1.-2.
297.345(3)(e)1.	297.310(6)(g)1.
297.345(3)(e)1.a.-c.	297.310(6)(g)1.a.-c.
297.345(3)(e)2.-3.	297.310(6)(g)2.-3.
297.350(1)-(2)	297.310(5)(a)-(b)
297.400(1)	297.401 - last two sentences
297.420(1)	297.401(9)(c)1.
297.420(2)(a)-(b)	297.401(9)(c)2.a.-b.
297.570(1)-(3)	297.310(8)(a)-(c)
297.570(3)(a)-(u)	297.310(8)(c)1.-21.

Rules Fully Repealed, Not Moved

<u>Rule Repealed:</u>	<u>Comment:</u>
204.300	Definition of "SIP" expanded in 204.200
209.100-.800	Entire chapter 62-209 repealed; to be implemented by guidance
210.400(1)-(3) 210.500 last sentence 210.600 210.980	
213.220	Restates statute
215.100 215.200 215.240 215.300(2)-(6) 215.900(2)	Reproposed at 213.300(4) (FAW notice 3/8/96) Reproposed as part of Form 62-213.900(2) (FAW notice 3/8/96)
242.300	Definition of "Program Area" expanded in 242.200
243.700	Restates statute
244.100-.600	Entire chapter 62-244 repealed; to be implemented by guidance
252.800	Restates statute
257.401	Restates statute
272.300(1) 272.750(1) 272.750(2) Figure 272.750-1	Moved to document adopted by reference at 212.600(2)(c) Included in document adopted by reference at 212.600(2)(c)
273.200-.600	Entire chapter 62-273 repealed; considered obsolete
275.410(1)(a)-(c) 275.600(2)	Repealed in response to EPA approval of redesignations

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

Rule Repealed:

Comment:

296.330
296.400

Definition of "BACT" in 210.200 to be used in lieu of rule
Language of "Purpose and Scope" at 296.100 expanded

Figure 297.345-1

Replaced by text at 297.345(3)(e)1.a.-c., effective 1/1/96; then
moved to 297.310(6)(g)1.a.-c., effective 3/13/96)

297.400(2)

297.411

297.412

297.413

297.414

297.415

Figure 297.415-1

Figure 297.415-2

Figure 297.415-3

297.416

297.417

297.418

297.419

297.421

297.422

297.423

297.424

n:\lopapm\crossref.doc

FLORIDA COUNTY LISTING WITH ASSOCIATED FEE REVIEW CONTACT

Northeast & Northwest Districts: Jonathan Holtom / Ed Svec
 South & Southwest Districts: Charles Logan / Lennon Anderson
 Central & Southeast Districts: Tom Cascio / Steve Welsh
 General Fee Questions - All Districts: Bruce Mitchell
 Contact at: (904) 488-1344

Florida County Code	County Name	FIPS County Code	Contact Engineer
1	Alachua	001	Holtom / Svec
2	Baker	003	Holtom / Svec
3	Bay	005	Holtom / Svec
4	Bradford	007	Holtom / Svec
5	Brevard	009	Cascio / Welsh
6	Broward	011	Cascio / Welsh
7	Calhoun	013	Holtom / Svec
8	Charlotte	015	Logan / Anderson
9	Citrus	017	Logan / Anderson
10	Clay	019	Holtom / Svec
11	Collier	021	Logan / Anderson
12	Columbia	023	Holtom / Svec
13	Dade	025	Cascio / Welsh
14	DeSoto	027	Logan / Anderson
15	Dixie	029	Holtom / Svec
16	Duval	031	Holtom / Svec
17	Escambia	033	Holtom / Svec
18	Flagler	035	Holtom / Svec
19	Franklin	037	Holtom / Svec
20	Gadsden	039	Holtom / Svec
21	Gilchrist	041	Holtom / Svec
22	Glades	043	Logan / Anderson
23	Gulf	045	Holtom / Svec
24	Hamilton	047	Holtom / Svec
25	Hardee	049	Logan / Anderson
26	Hendry	051	Logan / Anderson
27	Hernando	053	Logan / Anderson
28	Highlands	055	Logan / Anderson
29	Hillsborough	057	Logan / Anderson
30	Holmes	059	Holtom / Svec
31	Indian River	061	Logan / Anderson
32	Jackson	063	Holtom / Svec
33	Jefferson	065	Holtom / Svec
34	LaFayette	067	Holtom / Svec

Florida County Code	County Name	FIPS County Code	Contact Engineer
35	Lake	069	Cascio / Welsh
36	Lee	071	Logan / Anderson
37	Leon	073	Holtom / Svec
38	Levy	075	Holtom / Svec
39	Liberty	077	Holtom / Svec
40	Madison	079	Holtom / Svec
41	Manatee	081	Logan / Anderson
42	Marion	083	Cascio / Welsh
43	Martin	085	Cascio / Welsh
44	Monroe	087	Logan / Anderson
45	Nassau	089	Holtom / Svec
46	Okaloosa	091	Holtom / Svec
47	Okeechobee	093	Cascio / Welsh
48	Orange	095	Cascio / Welsh
49	Osceola	097	Cascio / Welsh
50	Palm Beach	099	Cascio / Welsh
51	Pasco	101	Logan / Anderson
52	Pinellas	103	Logan / Anderson
53	Polk	105	Logan / Anderson
54	Putnam	107	Holtom / Svec
55	Saint Johns	109	Holtom / Svec
56	Saint Lucie	111	Cascio / Welsh
57	Santa Rose	113	Holtom / Svec
58	Sarasota	115	Logan / Anderson
59	Seminole	117	Cascio / Welsh
60	Sumter	119	Logan / Anderson
61	Suwannee	121	Holtom / Svec
62	Taylor	123	Holtom / Svec
63	Union	125	Holtom / Svec
64	Volusia	127	Cascio / Welsh
65	Wakulla	129	Holtom / Svec
66	Walton	131	Holtom / Svec
67	Washington	133	Holtom / Svec

**GULF POWER - CRIST UNIT 1
EPA APPLICABLE REQUIREMENTS LIST**

EPA Rule	EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
Part 60 - EPA Regulations on Standards of Performance for New Stationary Sources						
Subpart A — General Provisions						
60.7	Notification and record keeping.	0330045		X		Unit 001
60.8	Performance tests.	0330045		X		Unit 001
60.11	Compliance with standards and maintenance requirements.	0330045		X		Unit 001
60.12	Circumvention.	0330045		X		Unit 001
60.13	Monitoring requirements	0330045		X		Unit 001
60.19	General notifications and reporting requirements	0330045		X		Unit 001
Subpart D — Standards of Performance for Fossil-Fuel Fired Steam Generators for Which Construction is Commenced After August 17, 1971						
60.42	Standard for particulate matter.	0330045		X		Unit 001
60.43	Standard for sulfur dioxide.	0330045		X		Unit 001
60.44	Standard for nitrogen oxides.	0330045		X		Unit 001
60.45	Emission and fuel monitoring.	0330045		X		Unit 001
60.46	Test methods and procedures.	0330045		X		Unit 001
Subpart Da — Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978						
60.42a	Standard for particulate matter.	0330045		X		Unit 001
60.43a	Standard for sulfur dioxide.	0330045		X		Unit 001
60.44a	Standard for nitrogen oxides.	0330045		X		Unit 001
60.45a	Commercial demonstration permit.	0330045		X		Unit 001
60.46a	Compliance provisions.	0330045		X		Unit 001
60.47a	Emission monitoring.	0330045		X		Unit 001

EPA Rule	GULF POWER - CRIST UNIT 1 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
60.48a	Compliance determination procedures and methods.	0330045		X		Unit 001
60.49a	Reporting requirements.	0330045		X		Unit 001
Subpart Db — Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units						
60.42b	Standard for sulfur dioxide.	0330045		X		Unit 001
60.43b	Standard for particulate matter.	0330045		X		Unit 001
60.44b	Standard for nitrogen oxides.	0330045		X		Unit 001
60.45b	Compliance and performance test methods and procedures for sulfur dioxide.	0330045		X		Unit 001
60.46b	Compliance and performance test methods and procedures for particulate matter and nitrogen oxides.	0330045		X		Unit 001
60.47b	Emission monitoring for sulfur dioxide.	0330045		X		Unit 001
60.48b	Emission monitoring for particulate matter and nitrogen oxides.	0330045		X		Unit 001
60.49b	Reporting and recordkeeping.	0330045		X		Unit 001
Subpart Dc — Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units						
60.42c	Standard for sulfur dioxide.	0330045		X		Unit 001
60.43c	Standard for particulate matter.	0330045		X		Unit 001
60.44c	Compliance and performance test methods and procedures for sulfur dioxide.	0330045		X		Unit 001
60.45c	Compliance and performance test methods and procedures for particulate matter.	0330045		X		Unit 001
60.46c	Emission monitoring for sulfur dioxide.	0330045		X		Unit 001
60.47c	Emission monitoring for particulate matter.	0330045		X		Unit 001
60.48c	Reporting and recordkeeping.	0330045		X		Unit 001

**GULF POWER - CRIST UNIT 1
EPA APPLICABLE REQUIREMENTS LIST**

EPA Rule	EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
Subpart K — Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978						
60.112	Standard for volatile organic compounds (VOC).	0330045		X		Unit 001
60.113	Monitoring of operations.	0330045		X		Unit 001
Subpart Ka — Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984						
60.112a	Standard for volatile organic compounds (VOC).	0330045		X		Unit 001
60.113a	Testing and procedures.	0330045		X		Unit 001
60.114a	Alternative means of emission limitations.	0330045		X		Unit 001
60.115a	Monitoring of operations.	0330045		X		Unit 001
Subpart Kb — Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984						
60.112b	Standard for volatile organic compounds (VOC).	0330045		X		Unit 001
60.113b	Testing and procedures.	0330045		X		Unit 001
60.114b	Alternative means of emission limitations.	0330045		X		Unit 001
60.115b	Recordkeeping and reporting requirements.	0330045		X		Unit 001
60.116b	Monitoring of operations.	0330045		X		Unit 001
Subpart Y — Standards of Performance for Coal Preparation Plants						
60.252	Standard for particulate matter.	0330045		X		Unit 001
60.253	Monitoring of operations.	0330045		X		Unit 001
60.254	Test methods and procedures.	0330045		X		Unit 001
Subpart GG — Standards of Performance for Stationary Gas Turbines						
60.332	Standard for nitrogen oxides.	0330045		X		Unit 001

EPA Rule	GULF POWER - CRIST UNIT I EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
60.333	Standard for sulfur dioxide.	0330045		X		Unit 001
60.334	Monitoring of operations.	0330045		X		Unit 001
60.335	Test methods and procedures.	0330045		X		Unit 001
Subpart 000 — Standards of Performance for Nonmetallic Mineral Processing Plants						
60.672	Standard for Particulate Matter.	0330045		X		Unit 001
60.674	Monitoring of Operations.	0330045		X		Unit 001
60.676	Reporting and Recordkeeping.	0330045		X		Unit 001
Part 61 - EPA Regulations on National Emission Standards for Hazardous Air Pollutants						
Subpart A — General Provisions						
61.05	Prohibited Activities.	0330045	✓			Facility
61.09	Notification of Startup.	0330045		X		Facility
61.10	Source Reporting and Request for Waiver of Compliance.	0330045		X		Facility
61.11	Waiver of Compliance.	0330045		X		Facility
61.12(b)	Compliance with Standards and Maintenance Requirements.	0330045	✓			Facility
61.13	Emission Tests and Waiver of Emission Tests.	0330045		X		Facility
61.14	Monitoring Requirements.	0330045		X		Facility
61.19	Circumvention.	0330045		X		Facility
Subpart M — National Emission Standards for Asbestos		0330045	✓			Facility
Appendix C to Part 61 — Quality Assurance Procedures		0330045	✓			Facility
Part 63 - EPA Regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories						
Subpart A — General Provisions						
63.4	Prohibited Activities and Circumvention.	0330045		X		Unit 001

EPA Rule	GULF POWER - CRIST UNIT 1 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
63.6	Compliance with Standards and Maintenance Requirements.	0330045		X		Unit 001
63.7	Performance Testing Requirements.	0330045		X		Unit 001
63.8	Monitoring Requirements.	0330045		X		Unit 001
63.9	Notification Requirements.	0330045		X		Unit 001
63.10	Reporting and Recordkeeping Requirements.	0330045		X		Unit 001
63.11	Control Device Requirements.	0330045		X		Unit 001
Subpart Q — National Emission Standards for Industrial Process Cooling Towers						
63.402	Standard.	0330045		X		Unit 001
63.403	Compliance Dates.	0330045		X		Unit 001
63.404	Compliance Demonstrations.	0330045		X		Unit 001
63.405	Notification Requirements.	0330045		X		Unit 001
63.406	Recordkeeping and Reporting Requirements.	0330045		X		Unit 001
Subpart T — National Emission Standards for Halogenated Solvent Cleaning						
63.462	Batch Cold Cleaning Machine Standards.	0330045		X		Unit 001
63.463	Batch Vapor and In-Line Cleaning Machine Standards.	0330045		X		Unit 001
63.464	Alternative Standards.	0330045		X		Unit 001
63.465	Test Methods.	0330045		X		Unit 001
63.466	Monitoring Procedures.	0330045		X		Unit 001
63.467	Recordkeeping Requirements.	0330045		X		Unit 001
63.468	Reporting Requirements.	0330045		X		Unit 001
Part 72 - EPA Acid Rain Program Permits						
Subpart A — General Provisions						

EPA Rule	GULF POWER - CRIST UNIT 1 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
72.7	New Units Exemption.	0330045		×		Unit 001
72.8	Retired Units Exemption.	0330045		×		Unit 001
72.9	Standard Requirements.	0330045	✓			Unit 001
Subpart B — Designated Representative						
72.20	Authorization and Responsibilities of the Designated Representative	0330045	✓			Unit 001
72.21	Submissions.	0330045	✓			Unit 001
72.22	Alternate Designated Representative.	0330045	✓			Unit 001
72.23	Changing the Designated Representative, Alternate Designated Representative; Changes in the Owners and Operators.	0330045	✓			Unit 001
Subpart C — Acid Rain Applications						
72.30	Requirements to Apply.	0330045	✓			Unit 001
72.32	Permit Applications Shield and Binding Effect of Permit Application.	0330045	✓			Unit 001
72.33	Identification of Dispatch System.	0330045	✓			Unit 001
Subpart D — Acid Rain Compliance Plan and Compliance Options						
72.40	General.	0330045	✓			Unit 001
72.41	Phase I Substitution Plans.	0330045		×		Unit 001
72.42	Phase I Extension Plans.	0330045		×		Unit 001
72.43	Phase I Reduced Utilization Plans.	0330045		×		Unit 001
72.44	Phase II Repowering Extensions.	0330045		×		Unit 001
Subpart E — Acid Rain Permit Contents						
72.51	Permit Shield.	0330045	✓			Unit 001
Subpart I - Compliance Certification						

EPA Rule	GULF POWER - CRIST UNIT 1 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
72.90	Annual Compliance Certification Report.	0330045	✓			Unit 001
72.91	Phase I Unit Adjusted Utilization.	0330045		×		Unit 001
72.92	Phase I Unit Allowance Surrender.	0330045		×		Unit 001
72.93	Units with Phase I Extension Plans.	0330045		×		Unit 001
72.94	Units with Repowering Extension Plans.	0330045		×		Unit 001
Part 73 - EPA Acid Rain Program Sulfur Dioxide Allowance System						
Subpart C — Allowance Tracking System						
73.33	Authorized Account Representative	0330045	✓			Unit 001
73.35	Compliance.	0330045	✓			Unit 001
Part 75 - EPA Acid Rain Program For Continuous Emission Monitoring						
Subpart A — General						
75.4	Compliance Dates.	0330045	✓			Unit 001
75.5	Prohibitions.	0330045	✓			Unit 001
Subpart B — Monitoring Provisions						
75.10	General Operating Requirements.	0330045	✓			Unit 001
75.11	Specific Provisions for Monitoring SO ₂ Emissions (SO ₂ and Flow Monitors).	0330045	✓			Unit 001
75.12	Specific Provisions for Monitoring NO _x Emissions (NO _x and Diluent Gas Monitors).	0330045	✓			Unit 001
75.13	Specific Provisions for Monitoring CO ₂ Emissions.	0330045	✓			Unit 001
75.14	Specific Provisions for Monitoring Opacity.	0330045		×		Unit 001
75.15	Specific Provisions for Monitoring SO ₂ Emissions Removal by Qualifying Phase I Technology.	0330045		×		Unit 001

**GULF POWER - CRIST UNIT 1
EPA APPLICABLE REQUIREMENTS LIST**

EPA Rule	EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
75.16	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for SO ₂ Emissions and Heat Input Determinations.	0330045		X		Unit 001
75.17	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for NO _x Emission Rate.	0330045		X		Unit 001
75.18	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for Opacity.	0330045		X		Unit 001
Subpart C — Operation and Maintenance Requirements						
75.20	Certification and Recertification Procedures.	0330045	✓			Unit 001
75.21	Quality Assurance and Quality Control Requirements.	0330045	✓			Unit 001
75.22	Reference Test Methods.	0330045	✓			Unit 001
75.24	Out-of-Control Periods.	0330045	✓			Unit 001
Subpart D — Missing Data Substitution Procedures						
75.30	General Provisions.	0330045	✓			Unit 001
75.31	Initial Missing Data Procedures.	0330045	✓			Unit 001
75.32	Determination of Monitor Data Availability for Standard Missing Data Procedures.	0330045	✓			Unit 001
75.33	Standard Missing Data Procedures.	0330045	✓			Unit 001
75.34	Units with Add-On Emission Controls.	0330045		X		Unit 001
75.35	Missing Data Procedures for CO ₂	0330045	✓			Unit 001
75.36	Missing Data Procedures for Heat Input	0330045	✓			Unit 001
Subpart E — Alternative Monitoring Systems						
75.40	General Demonstration Requirements.	0330045		X		Unit 001
75.41	Precision Criteria.	0330045		X		Unit 001
75.42	Reliability Criteria.	0330045		X		Unit 001

EPA Rule	GULF POWER - CRIST UNIT 1 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
75.43	Accessibility Criteria.	0330045		×		Unit 001
75.44	Timeliness Criteria.	0330045		×		Unit 001
75.45	Daily Quality Assurance Criteria.	0330045		×		Unit 001
75.46	Missing Data Substitution Criteria.	0330045		×		Unit 001
75.47	Criteria for a Class of Affected Units.	0330045		×		Unit 001
75.48	Petition for an Alternative Monitoring System.	0330045		×		Unit 001
Subpart F — Recordkeeping Requirements						
75.50	General Recordkeeping Provisions.	0330045	✓			Unit 001
75.51	General Recordkeeping Provisions for Specific Situations.	0330045		×		Unit 001
75.52	Certification, Quality Assurance, and Quality Control Record Provisions.	0330045	✓			Unit 001
75.53	Monitoring Plan.	0330045	✓			Unit 001
75.54	General Recordkeeping Provisions	0330045	✓			Unit 001
75.55	General Recordkeeping Provisions for Special Situations	0330045	✓			Unit 001
75.56	Certification, Quality Assurance and Quality Control Record Provision	0330045	✓			Unit 001
Subpart G — Reporting Requirements						
75.60	General Provisions.	0330045	✓			Unit 001
75.61	Notification of Certification and Recertification Test Dates.	0330045	✓			Unit 001
75.62	Monitoring Plan.	0330045	✓			Unit 001
75.63	Certification or Recertification Applications.	0330045	✓			Unit 001
75.64	Quarterly Reports.	0330045	✓			Unit 001
75.65	Opacity Reports.	0330045	✓			Unit 001

EPA Rule	GULF POWER - CRIST UNIT 1 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
Appendix A to Part 75 — Specifications and Test Procedures		0330045	✓			Unit 001
Appendix B to Part 75 — Quality Assurance and Quality Control Procedures		0330045	✓			Unit 001
Appendix C to Part 75 — Missing Data Statistical Estimation Procedures		0330045	✓			Unit 001
Appendix D to Part 75 — Optional SO ₂ Emissions Data Protocol for Gas-Fired Units and Oil-Fired Units		0330045	✓			Unit 001
Appendix E to Part 75 — Optional NO _x Emissions Estimation Protocol for Gas-Fired Peaking Units and Oil-Fired Peaking Units		0330045	✓			Unit 001
EPA Part 76 - Acid Rain Nitrogen Oxides Emission Reduction Program						
76.5	NO _x Emission Limitations for Group I Boilers.	0330045		×		Unit 001
76.8	Early Election for Group I, Phase II Boilers.	0330045		×		Unit 001
76.9	Permit Applications and Compliance Plans.	0330045		×		Unit 001
76.10	Alternative Emission Limitations.	0330045		×		Unit 001
76.11	Emissions Averaging.	0330045		×		Unit 001
76.12	Phase I NO _x Compliance Extensions.	0330045		×		Unit 001
76.13	Compliance and Excess Emissions	0330045		×		Unit 001
76.14	Monitoring, Recordkeeping, and Reporting.	0330045		×		Unit 001
76.15	Test Methods and Procedures.	0330045		×		Unit 001
EPA Part 77 - Excess Emissions						
77.3	Offset Plans	0330045	✓		May apply in future.	Unit 001
77.5(b)	Deduction of Allowances	0330045	✓		May apply in future.	Unit 001
77.6	Excess Emission Penalties for SO ₂ and No _x ; and	0330045	✓		May apply in future.	Unit 001
EPA Part 82 - Protection Of Stratospheric Ozone						

EPA Rule	GULF POWER - CRIST UNIT 1 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
Subpart B - Servicing of Motor Vehicle Air Conditioners						
82.34	Prohibitions.	0330045	✓			Facility
82.36	Approved refrigerant recycling equipment.	0330045	✓			Facility
82.38	Approved independent standards testing organizations.	0330045	✓			Facility
82.40	Technician training and certification.	0330045	✓			Facility
82.42	Certification, recordkeeping and public notification requirements.	0330045	✓			Facility
Subpart F - Recycling and Emissions Reduction						
82.154	Prohibitions.	0330045	✓			Facility
82.156	Required practice.	0330045	✓			Facility
82.158	Standards for recycling and recovery equipment.	0330045	✓			Facility
82.160	Approved equipment testing organizations.	0330045	✓			Facility
82.161	Technician certification.	0330045	✓			Facility
82.162	Certification by owners of recovery and recycling equipment.	0330045	✓			Facility
82.164	Reclaimer certification.	0330045	✓			Facility
82.166(k)(m)	Reporting and recordkeeping requirements for owners/operators.	0330045	✓			Facility
40 CFR 279.72	Used Oil Regulations	0330045	✓		Facility burns on-spec used oil.	Facility

**GULF POWER - CRIST UNIT 1
FDEP APPLICABLE REQUIREMENTS LIST**

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
Chapter 62-4 Permits						
62-4.030	General Prohibition.	0330045	✓		State Only	Facility
62-4.040(1)	Exemptions	0330045	✓		State Only	Facility
62-4.100	Suspension and Revocation.	0330045	✓		State Only	Facility
62-4.130	Plant Operation - Problems.	0330045	✓		State Only	Facility
Chapter 62-204 State Implementation Plan						
62-204.800	Standards of Performance for New Stationary Sources (NSPS) (see 40 CFR 60 list for subsections).					
	(7) Standards Adopted.	0330045		×	State only.	Unit 001
	(b) The following Standards of Performance for New Stationary Sources contained in 40 CFR 60, revised as of July 1, 1994, or later as specifically indicated.	0330045		×	State only.	Unit 001
	1. 40 CFR 60.40 Subpart D, Fossil-fuel-fired Steam Generators for which Construction is Commenced after August 17, 1971.	0330045		×	State only.	Unit 001
	2. 40 CFR 60.40a Subpart Da, Electric Utility Steam Generators for which Construction is Commenced after September 18, 1978.	0330045		×	State only.	Unit 001
	3. 40 CFR 60.40b Subpart Db, Industrial-Commercial-Institutional Steam Generating Units.	0330045		×	State only.	Unit 001
	4. 40 CFR 60.40c Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units.	0330045		×	State only.	Unit 001
	12. 40 CFR 60.110 Subpart K, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after June 11, 1973, and prior to May 19, 1978.	0330045		×	State only.	Unit 001
	13. 40 CFR 60.110a Subpart Ka, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after May 18, 1978, and prior to July 23, 1984.	0330045		×	State only.	Unit 001

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-204.800	14. 40 CFR 60.110b Subpart Kb, Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984.	0330045		×	State only.	Unit 001
	29. 40 CFR 60.250 Subpart Y, Coal Preparation Plants.	0330045		×	State only.	Unit 001
	37. 40 CFR 60.330 Subpart GG, Stationary Gas Turbines.	0330045		×	State only.	Unit 001
	62. 40 CFR 60.670 Subpart OOO, Non-Metallic Mineral Processing Plants.	0330045		×	State only.	Unit 001
62-204.800(7)	(c) The Standards of Performance for New Stationary Sources adopted by reference in this section shall be controlling over other standards in this chapter except that any emissions limiting standard contained in or determined pursuant to this chapter which is more stringent than one contained in a Standard of Performance, or which regulates emissions of pollutants or emissions units not regulated by an applicable Standard of Performance, shall apply.	0330045		×	State only.	Unit 001
	(7)(d) General Provisions Adopted.	0330045		×	State only.	Unit 001
	(7)(e) Appendices Adopted. The following appendices of 40 CFR Part 60, revised as of July 1, 1994 or later as specifically indicated, are adopted and incorporated by reference.	0330045		×	State only.	Unit 001
	1. 40 CFR 60 Appendix A, Test Methods, are adopted by reference.	0330045		×	State only.	Unit 001
	2. 40 CFR 60 Appendix B, Performance Specifications.	0330045		×	State only.	Unit 001
	3. 40 CFR 60 Appendix C, Determination of Emission Rate Change.	0330045		×	State only.	Unit 001
	5. 40 CFR 60 Appendix F, Quality Assurance Procedures.	0330045		×	State only.	Unit 001
62-204.800(8)	National Emission Standards for Hazardous Air Pollutants (NESHAPS).					
	(8) Standards Adopted.	0330045		×	State only.	Unit 001
	(b)8. 40 CFR Part 61 Subpart M Asbestos.	0330045	✓		State only.	Unit 001

**GULF POWER - CRIST UNIT 1
FDEP APPLICABLE REQUIREMENTS LIST**

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-204.800(8)	(d) General Provisions Adopted. The general provisions of 40 CFR Part 61 Subpart A, revised July 1, 1994, are adopted and incorporated by reference except 40 CFR 61.04, 40 CFR 61.08, 40 CFR 61.11, and 40 CFR 61.18.	0330045	✓		State only.	Unit 001
62-204.800(9)	National Emission Standards for Hazardous Air Pollutants (NESHAPS) - Part 63.					
	(9) Standards Adopted.	0330045		×	State only.	Unit 001
	(b) 40 CFR 63 Subpart Q Chromium Emissions from Industrial Process Cooling Towers*	0330045		×	State only. *This regulation was proposed for incorporation in the FAW on March 8, 1996; not yet "effective" on state level.	Unit 001
	(a) 40 CFR 63 Subpart T Halogenated Solvent Cleaning*	0330045		×	State only. *This regulation was proposed for incorporation in the FAW on March 8, 1996; not yet "effective" on state level.	Unit 001
	(d) General Subparts Adopted.	0330045		×	State only.	Unit 001
	1. 40 CFR 63 Subpart A, General Provisions	0330045		×	State only.	Unit 001
	2. 40 CFR 63 Subpart B, Equivalent Emission Limitation by Permit (112(j))	0330045		×	State only.	Unit 001
	4. 40 CFR 63 Subpart D, Compliance Extensions for Early Reductions	0330045		×	State only.	Unit 001
62-204.800 (11)	Adoption of 40 CFR 70, Federal Title V Rule	0330045	✓		State only.	Facility
62-204.800 (12)	Adoption of 40 CFR 72, Federal Acid Rain Program	0330045	✓		State only.	Unit 001
62-204.800 (13)	Adoption of 40 CFR 73, SO2 Allowance System	0330045	✓		State only.	Unit 001
62-204.800 (14)	Adoption of 40 CFR 75, CEMS	0330045	✓		State only.	Unit 001
62-204.800 (15)	Adoption of 40 CFR 76, Acid Rain Nox Requirement	0330045		×	No NOx Std. for Gas units	Unit 001
62-204.800 (16)	Adoption of 40 CFR 77, Acid Rain Excess Emissions	0330045	✓		Applicable in Phase II	Unit 001

FDEP Rule	GULF POWER - CRIST UNIT 1 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-204.800 (19)	Adoption of 40 CFR 82, Stratospheric Ozone	0330045	✓		State only.	Unit 001/ Facility
Chapter 62-210 Stationary Sources - General Requirements						
62-210.300	Permits Required.					
	(2) Air Operation Permits. except(b)	0330045	✓			Facility
	(3)(a) Exemptions - #1-29.	0330045	✓			Facility
	(3)(b) Temporary Exemptions.	0330045	✓			Facility
62-210.300	(5) Notification of Startup. The owners or operator of any emissions unit or facility which has a valid air operation permit which has been shut down more than one year, shall notify the Department in writing of the intent to start up such emissions unit or facility, a minimum of 60 days prior to the intended startup date.	0330045	✓		May apply in the future.	Facility
	(a) The notification shall include information as to the startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.	0330045	✓		May apply in the future.	Facility
	(b) If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Department as soon as possible after the date of such startup is ascertained.	0330045	✓		May apply in the future.	Facility
62-210.370	Reports.					
	(1) Notification of Intent to Relocate Air Pollutant Emitting Facility.	0330045		×		Unit 001
	(3) Annual Operating Report for Air Pollutant Emitting Facility.	0330045	✓			Facility
62-210.650	Circumvention.	0330045		×		Unit 001
62-210.700	Excess Emissions.	0330045	✓			Unit 001
62-210.900	Forms and Instructions.	0330045	✓			Facility
	(5) Annual Operating Reports	0330045	✓			Facility
Chapter 62-213 Operation Permits for Major Sources of Air Pollution						

**GULF POWER - CRIST UNIT 1
FDEP APPLICABLE REQUIREMENTS LIST**

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-213.205	Annual Emissions Fee.	0330045	✓			Facility
62-213.400	Permits and Permit Revisions Required.	0330045	✓			Facility
62-213.410	Changes Without Permit Revision.	0330045	✓			Facility
62-213.415	Trading of Emissions Within a Source.	0330045	✓		May apply in the future.	Unit 001/ Facility
62-213.460	Permit Shield.	0330045	✓			Facility
Chapter 62-214 Requirements for Sources Subject to the Federal Acid Rain Program						
62-214.300	Applicability.	0330045	✓			Unit 001
62-214.340	Exemptions.					
	(5) The owners and operators of each unit . . .	0330045	✓			Unit 001
	(6) A new unit shall no longer be exempted . . .	0330045		×		Unit 001
	(7) A retired unit shall no longer be exempted . . .	0330045	✓			Unit 001
62-214.350	Certification.	0330045	✓			Unit 001
62-214.430	Implementation and Termination of Compliance Options. Procedures for activation and termination of compliance options.					
	(1) Activation.	0330045	✓			Unit 001
	(2) Termination.	0330045	✓			Unit 001
Chapter 62-252 Gasoline Vapor Control						
62-252.300	Gasoline Dispensing Facilities - Stage I Vapor Recovery.					
	(2) Prohibition.	0330045		×		Facility
	(3) Control Technology Requirements.	0330045		×		Facility
	(4) Compliance Schedule.	0330045		×	State Only	Facility
62-252.400	Gasoline Dispensing Facilities - Stage II Vapor Recovery.					
	(2) Prohibition.	0330045		×	State Only	Facility

**GULF POWER - CRIST UNIT 1
FDEP APPLICABLE REQUIREMENTS LIST**

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(3) Control Technology Requirements.	0330045		X	State Only	Facility
	(4) Compliance Schedules.	0330045		X	State Only	Facility
	(5) Testing.	0330045		X	State Only	Facility
	(6) Recordkeeping.	0330045		X	State Only	Facility
	(7) System Maintenance.	0330045		X	State Only	Facility
62-252.400	(8) Training.	0330045		X	State Only	Facility
62-252.500	Gasoline Tanker Trucks.					
	(2) Prohibitions.	0330045		X	State Only	Facility
	(3) Leak Testing.	0330045		X	State Only	Facility
Chapter 62-256 Open Burning and Frost Protection Fires						
62-256.300	Prohibitions.	0330045	✓		State Only	Facility
62-256.450	Burning for Cold or Frost Protection.	0330045		X	State Only	Facility
62-256.500	Land Clearing.	0330045	✓		State Only	Facility
62-256.600	Industrial, Commercial, Municipal, and Research Open Burning.	0330045	✓		State Only	Facility
62-256.700	Open Burning Allowed.	0330045	✓		State Only	Facility
Chapter 62-257 Asbestos Removal						
62-257.301	Notification Procedure and Fee.	0330045	✓		State Only	Facility
62-257.400	Fee Schedule.	0330045	✓		State Only	Facility
62-257.900	Form.	0330045	✓		State Only	Facility
Chapter 62-281 Motor Vehicle Air Conditioning Refrigerant Recovery and Recycling.						
62-281.300	Applicability.	0330045		X	State Only	Facility
62-281.400	Compliance Requirements.	0330045		X	State Only	Facility
62-281.500	Establishment Certification.					

**GULF POWER - CRIST UNIT 1
FDEP APPLICABLE REQUIREMENTS LIST**

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(1) Initial Certification.	0330045		×	State Only	Facility
	(2) Renewal Certification.	0330045		×	State Only	Facility
	(3) Fees.	0330045		×	State Only	Facility
	(4) Certificate of Compliance.	0330045		×	State Only	Facility
62-281.600	Training Requirements.	0330045		×	State Only	Facility
62-281.700	Equipment Certification.	0330045		×	State Only	Facility
62-281.900	Forms.	0330045		×	State Only	Facility
Chapter 62-296 Stationary Sources -- Emission Standards						
62-296.320	General Pollutant Emission Limiting Standards.					
	(1) Volatile organic compounds emissions or organic solvents emissions.	0330045		×		Facility
	(2) Objectionable Odor Prohibited.	0330045	✓			Facility
	(3) Open Burning.	0330045	✓		State Only	Facility
	(4)(a) Process Weight Table.	0330045		×		Unit 001
	(4)(b) General Visible Emissions Standard.	0330045	✓			Facility
	(4)(c) Unconfined Emissions of Particulate Matter.	0330045	✓			Facility
62-296.405	Fossil Fuel Steam Generators with More than 250 Million Btu per Hour Heat Input.					
	(1) Existing Emissions Units.					
	(a) Visible emissions.	0330045	✓			Unit 001
	(b) Particulate Matter - 0.1 pound per million Btu heat input, as measured by applicable compliance methods.	0330045	✓		Testings only if operated more than 400 hours on oil.	Unit 001
	(c) Sulfur Dioxide, as measured by applicable compliance methods.	0330045	✓			Unit 001
	1.e. Sources burning liquid fuel.	0330045	✓		1.98 lbs/MBTU	Unit 001
	2. Sources burning solid fuel.	0330045		×		Unit 001

FDEP Rule	GULF POWER - CRIST UNIT 1 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	3. Owners of fossil fuel steam generators shall monitor their emissions and the effects of the emissions on ambient concentrations of sulfur dioxide, in a manner, frequency, and locations approved, and deemed reasonably necessary and ordered by the Department.	0330045	✓		Not currently listed in permit. No notice deemed necessary to plant.	Unit 001
	(d) Nitrogen Oxides (expressed as NO _x).	0330045		×		Unit 001
62-296.405	(e) Test Methods and Procedures.	0330045	✓		Presumably federally enforceable.	Unit 001
	(f) Continuous Emissions Monitoring Requirements.	0330045		×	Gas/Oil fired Unit	Unit 001
	(g) Quarterly Reporting Requirements.	0330045		×	Gas/Oil fired Unit	Unit 001
	(2) New Emissions Units.					
	(a) Visible Emissions - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a	0330045		×		Unit 001
	(b) Particulate Matter - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a	0330045		×		Unit 001
	(c) Sulfur Dioxide - See Rule 62-204.800(7) and 40 CFR 60.43 and 60.43a	0330045		×		Unit 001
	(d) Nitrogen Oxides - See Rule 62-204.800(7) and 40 CFR 60.44 and 60.44a	0330045		×		Unit 001
62-296.406	Fossil Fuel Steam Generators with Less than 250 Million Btu per Hour Heat Input, New and Existing Emissions Units.					
	(1) Visible Emissions	0330045		×		Unit 001
	(2) Particulate Matter - Best available control technology in accordance with Rule 62-210.200(40)	0330045		×		Unit 001
	(3) Sulfur Dioxide - Best available control technology in accordance with Rule 62-210.200(40)	0330045		×		Unit 001
62-296.411	Sulfur Storage and Handling Facilities	0330045		×		Unit 001
62-296.500	Reasonably Available Control Technology (RACT) - Volatile Organic Compounds (VOC) and Nitrogen Oxides (NO _x) Emitting Facilities.					
	(1) Applicability.	0330045		×		Unit 001

GULF POWER - CRIST UNIT 1 FDEP APPLICABLE REQUIREMENTS LIST		Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
FDEP Rule	FDEP Title		Yes	No/NA		
	(2) Permit, Recordkeeping, and Compliance Reporting Requirements.	0330045		X		Unit 001
	(a) Permits - Special Considerations.	0330045		X		Unit 001
	(b) Recordkeeping.	0330045		X		Unit 001
62-296.500	(c) Reporting.	0330045		X		Unit 001
	(3) Exceptions.	0330045		X		Unit 001
	(4) Consideration of Exempt Solvents	0330045		X		Unit 001
	(5) Compliance may be demonstrated for surface coating and graphic arts facilities on a 24-hour weighted average basis for a single source point with a single emission limit.	0330045		X		Unit 001
62-296.508	Petroleum Liquid Storage					
	(1) Applicability.	0330045		X		Unit 001
	(2) Control Technology.	0330045		X		Unit 001
	(3) Test Methods and Procedures.	0330045		X		Unit 001
62-296.511	Solvent Metal Cleaning.					
	(1) Applicability.	0330045		X		Unit 001
	(2) Cold Cleaning Control Technology.	0330045		X		Unit 001
	(3) Open Top Vapor Degreaser Control Technology.	0330045		X		Unit 001
	(4) Conveyorized Degreaser Control Technology.	0330045		X		Unit 001
	(5) Test Methods and Procedures.	0330045		X	* 8-hr test requirement not in SIP.	Unit 001
62-296.516	Petroleum Liquid Storage Tanks with External Floating Roofs					
	(1) Applicability.	0330045		X		Unit 001
	(2) Control Technology.	0330045		X		Unit 001
	(3) Test Methods and Procedures.	0330045		X		Unit 001

**GULF POWER - CRIST UNIT 1
FDEP APPLICABLE REQUIREMENTS LIST**

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-296.570	Reasonably Available Control Technology (RACT) - Requirements for Major VOC- 0330045 and NO _x - Emitting Facilities.					
	(1) Applicability.	0330045		X	State Only	Unit 001
	(2) Compliance Requirements.	0330045		X	State Only	Unit 001
62-296.570	(3) Operation Permit Requirements.	0330045		X	State Only	Unit 001
	(4) RACT Emission Limiting Standards.	0330045		X	State Only	Unit 001
	(a) Compliance Dates and Monitoring.	0330045		X	State Only	Unit 001
	(b) Emission Limiting Standards.	0330045		X	State Only	Unit 001
	(c) Exception for Startup, Shutdown or Malfunction.	0330045		X	State Only	Unit 001
62-296.700	Reasonably Available Control Technology (RACT) Particulate Matter.					
	(1) Applicability.	0330045		X		Unit 001
	(2) Exemptions.	0330045		X		Unit 001
	(3) Specific RACT Emission Limiting Standards for Stationary Emissions Units.	0330045		X		Unit 001
	(4) Maximum Allowable Emission Rates.	0330045		X		Unit 001
	(a) Emissions Unit Data.	0330045		X		Unit 001
	(b) Maximum Emission Rates.	0330045		X		Unit 001
	(5) Circumvention.	0330045		X		Unit 001
	(6) Operation and Maintenance Plan.	0330045		X		Unit 001
	(a) Air Pollution Control Devices and Collection Systems.	0330045		X		Unit 001
	(b) Control Equipment Data.	0330045		X		Unit 001
	(c) Processing or Materials Handling Systems.	0330045		X		Unit 001
	(d) Fossil Fuel Steam Generators.	0330045		X		Unit 001
62-296.702	Fossil Fuel Steam Generators.					

GULF POWER - CRIST UNIT 1 FDEP APPLICABLE REQUIREMENTS LIST		Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
FDEP Rule	FDEP Title		Yes	No/NA		
	(1) Applicability.	0330045		X		Unit 001
	(2) Emission Limitations.	0330045		X		Unit 001
	(a) Particulate Matter - 0.10 lb/mmBtu	0330045		X		Unit 001
62-296.711	(b) Visible Emissions - 20% opacity.	0330045		X		Unit 001
	(3) Test Methods and Procedures.	0330045		X		Unit 001
Materials Handling, Sizing, Screening, Crushing and Grinding Operations.						
	(1) Applicability	0330045		X		Unit 001
	(2) Emission Limitations.	0330045		X		Unit 001
	(3) Test Methods and Procedures.	0330045		X		Unit 001
Chapter 62-297 Stationary Sources -- Emission Monitoring						
62-297.310	General Test Requirements.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(1) Required Number of Test Runs	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(2) Operating Rate During Testing	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(3) Calculation of Emission Rate	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(4) Applicable Test Procedures.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(a) Required Sampling Time.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001

**GULF POWER - CRIST UNIT 1
FDEP APPLICABLE REQUIREMENTS LIST**

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	2. Opacity Compliance Tests.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(b) Minimum Sample Volume.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(c) Required Flow Rate Range.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(d) Calibration.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(e) EPA Method 5.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(5) Determination of Process Variables.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(6) Required Stack Sampling Facilities					
	(a) Permanent Test Facilities.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(b) Temporary Test Facilities.	0330045		×	Applicable if operated more than 400 hours on oil.	Unit 001
	(c) Test Facilities.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
62-297.310	1. Sampling Ports.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(d) Work Platforms.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(e) Access.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(f) Electrical Power.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(g) Sampling Equipment Support.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001

FDEP Rule	GULF POWER - CRIST UNIT 1 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(7) Frequency of Compliance Tests.					
	(a) General Compliance Testing.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	1. Compliance test requirement prior to obtaining operating permit.	0330045		×	Applicable if operated more than 400 hours on oil.	Unit 001
	2. Annual test requirement for excess PM emissions.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	3. Annual test requirement prior to obtaining renewal permit.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	4.(a) Annual VE test,	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	(b) Annual test for lead, acrylonitide and other regulated pollutants,	0330045		×		Unit 001
	(c) Annual test for each NESHAP pollutant	0330045		×		Unit 001
	5. No annual PM test required if burn no liquid and/or solid fuel for greater than 400 hrs/year.	0330045	✓			Unit 001
	6. Exemption from semi-annual PM test for steam generators.	0330045		×		Unit 001
	7. Exemption from quarterly PM test for units not utilizing liquid and/or solid fuel for more than 100 hrs.	0330045		×		Unit 001
	8. Five year VE test requirement for units that operate no more than 400 hrs/year.	0330045		×		Unit 001
	9. Fifteen day advance notification requirement prior to test.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001
	10. Compliance test exemption for exempt units and units utilizing a general permit.	0330045		×		Unit 001
62-297.310	(b) Special Compliance Tests.	0330045	✓		Applicable upon any complaint.	Unit 001
	(c) Waiver of Compliance Test Requirement.	0330045		×		Unit 001

**GULF POWER - CRIST UNIT 1
FDEP APPLICABLE REQUIREMENTS LIST**

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(8) Test Reports.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 001

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 1

Crist Plant Unit 1 Electric Utility Boiler

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	Stack
2. Emission Point Type Code :	2
3. Descriptions of Emission Points Comprising this Emissions Unit :	
Single common stack shared by units 1,2,3 4 and 5.	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	
Crist Plant Unit 1 - ARMS # 001 Crist Plant Unit 2 - ARMS # 002 Crist Plant Unit 3 - ARMS # 003 Crist Plant Unit 4 - ARMS # 004 Crist Plant Unit 5 - ARMS # 005	
5. Discharge Type Code :	V
6. Stack Height :	450 feet
7. Exit Diameter :	18.0 feet
8. Exit Temperature :	290 °F
9. Actual Volumetric Flow Rate :	802500 acfm
10. Percent Water Vapor :	9.00 %
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	feet
13. Emission Point UTM Coordinates :	
Zone : 16	East (km) : 478.600
	North (km) : 3381.300
14. Emission Point Comment :	

III. Part 7a - 1

Common stack with Units 1- 5
Latitude/Longitude: 30- 33'- 58"/ 87- 13'- 44"

III. Part 7a - 2

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 1

Crist Plant Unit 1 Electric Utility Boiler

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with natural gas. Emissions related to million cubic feet gas consumed.	
2. Source Classification Code (SCC) : 1-01-006-01	
3. SCC Units : Million Cubic Feet Burned (all gaseous fuels)	
4. Maximum Hourly Rate : 0.32	5. Maximum Annual Rate : 2,803.20
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 0.01	8. Maximum Percent Ash : 0.00
9. Million Btu per SCC Unit : 1,000	
10. Segment Comment : Unit 1 considered primarily a natural gas fired unit under EPA Title IV definitions.	

320 MM BTU/h

III. Part 8 - 2

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 1

Crist Plant Unit 1 Electric Utility Boiler

Segment Description and Rate : Segment 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) :	
Boiler fired with #2 fuel oil and "on-spec." used oil. Emissions related to thousand gallons burned,	
2. Source Classification Code (SCC) : 1-01-005-01	
3. SCC Units : Thousand Gallons Burned (all liquid fuels)	
4. Maximum Hourly Rate : 2.34	5. Maximum Annual Rate : 20,445.60
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 0.50	8. Maximum Percent Ash : 0.10
9. Million Btu per SCC Unit : 138	
10. Segment Comment :	
Heat content for #6 fuel ranges from 137,000 to 141,000 BTU/gallon. Average MBTU/SCC for #2 Fuel is 138,000.	

*322.92 MMBTU
hr*

III. Part 8 - 3

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 1

Crist Plant Unit 1 Electric Utility Boiler

Segment Description and Rate : Segment 3

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with #6 fuel oil. Emissions related to thousand gallons burned.	
2. Source Classification Code (SCC) : 1-01-004-01	
3. SCC Units : Thousand Gallons Burned (all liquid fuels)	
4. Maximum Hourly Rate : 2.34	5. Maximum Annual Rate : 20,454.60
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 1.50	8. Maximum Percent Ash : 0.10
9. Million Btu per SCC Unit : 150	
10. Segment Comment : Heat content for #6 fuel ranges from 137,000 to 150,000 BTU/gallon. Average MBTU/SCC unit is 137,000.	

III. Part 8 - 1

320.6
351 @ 150 MMBTU
regal

G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
SO2			EL
SAM			NS
NOX			NS
CO			NS
PM			EL
PM10			NS
VOC			NS
H015			NS
H021			NS
H027			NS
H046			NS
PB			NS
H113			NS

III. Part 9a - 1

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

Emissions Unit Information Section 1
Crist Plant Unit 1 Electric Utility Boiler

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
H114			NS
H133			NS
H047			NS
H017			NS
H169			NS
H162			NS
HCL			NS
H107			NS
DIOX			NS
H014			NS
H161			NS
H151			NS
H095			NS

III. Part 9a - 2

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Emissions Unit Information Section 1
Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted :	SO2		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	549.90	lb/hour	2,408.50 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			to tons/year
6. Emissions Factor : Reference : AP-42			
7. Emissions Method Code :	3		
8. Calculations of Emissions :	<p>[157(S%) lb/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]= 2408.53 tons/yr @ 1.5 % S Source-- AP-42 for # 6 Oil.</p>		
9. Pollutant Potential/Estimated Emissions Comment :	<p>The allowable emissions of this pollutant is 1.98 lbs/mmbtu heat input. Rule 62-295.405</p>		

III. Part 9b - 1

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted :	SAM		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	24.46	lb/hour	107.13 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor : Reference : AP-42			
7. Emissions Method Code : 3			
8. Calculations of Emissions : [6.983(S%) lb/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]= 107.13 tons/yr source-- AP-42			
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 3

1. Pollutant Emitted :	NOX		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	176.00	lb/hour	770.88 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : AP-42			
7. Emissions Method Code :	3		
8. Calculations of Emissions :	[550 lb/mmcf] [.32 mmcf/hr] [8760 hr/yr] [1/2000]=770.88 tons/yr Source-- AP-42		
9. Pollutant Potential/Estimated Emissions Comment :			

III. Part 9b - 3

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 4

1. Pollutant Emitted :	CO		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	12.80	lb/hour	56.06 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			to tons/year
6. Emissions Factor : Reference : AP-42			
7. Emissions Method Code :	3		
8. Calculations of Emissions :	[40 lb/mmcf] [.32 mmcf/hr] [8760 hr/yr] [1/2000]=56.06 tons/yr Source-- AP-42		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 5

1. Pollutant Emitted :	PM		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	32.00	lb/hour	140.16 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference :			
7. Emissions Method Code :	0		
8. Calculations of Emissions :	.1 lb/MBTU * 320 MBTU/hr = 32.0 lb/hour		
9. Pollutant Potential/Estimated Emissions Comment :	The maximum allowable emissions of this pollutant is 0.1 lb/mmbtu heat input. Also limited to 20% opacity. Rule 17-296.405		

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 6

1. Pollutant Emitted :	PM10		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	28.19	lb/hour	123.48 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			to tons/year
6. Emissions Factor : Reference :	AP-42 & Fire		
7. Emissions Method Code :	3		
8. Calculations of Emissions :	$[9.19(S\%)+3.22*.71 \text{ lb/kgals}] [2.335 \text{ kgals/hr}] [8760 \text{ hr/yr}] [1/2000]=123.48 \text{ tons/yr}$ Source-- AP-42 & fire		
9. Pollutant Potential/Estimated Emissions Comment :	The maximum allowable emissions of this pollutant is 0.1 lb/mmbtu heat input. Also limited to 20% opacity . Rule 17-296.405		

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 7

1. Pollutant Emitted :	VOC
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	1.77 lb/hour 7.77 tons/year
4. Synthetically Limited? [] Yes [X] No	
5. Range of Estimated Fugitive/Other Emissions:	to tons/year
6. Emissions Factor : Reference : Fire	
7. Emissions Method Code :	3
8. Calculations of Emissions :	[.76 lb/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=7.7727 tons/yr Source-- Fire
9. Pollutant Potential/Estimated Emissions Comment :	

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 8

1. Pollutant Emitted :	H015		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.01 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00083 lb arsenic/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.008488 tons/yr Source-- SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 9

1. Pollutant Emitted :	H021		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.00 tons/year
4. Synthetically Limited?	[] Yes [X] No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : SR		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00003 lb beryllium/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]= .0003068 tons/yr Source-- SR		
9. Pollutant Potential/Estimated Emissions Comment :			

III. Part 9b - 9.

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 10

1. Pollutant Emitted :	H027		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.00 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.000195 lb cadmium/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.001994 tons/yr Source-- SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 11

1. Pollutant Emitted :	H046		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.01 tons/year
4. Synthetically Limited?	[] Yes [X] No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : SR		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00078 lb chromium/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]= .007977 tons/yr Source-- SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 12

1. Pollutant Emitted :	PB		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.01 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to		tons/year
6. Emissions Factor : Reference : SR Def			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.0012549 lb/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.0128 tons/yr Source--SR Def		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 13

1. Pollutant Emitted :	H113		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.02 tons/year
4. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : SR		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	$[.00195 \text{ lb manganese/kgals}] [2.335 \text{ kgals/hr}] [8760 \text{ hr/yr}] [1/2000] = .01994 \text{ tons/yr}$ Source--SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 14

1. Pollutant Emitted :	H114		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.00 tons/year
4. Synthetically Limited? [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : MTF			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00015 lb mercury/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.001534 tons/yr Source--MTF		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 15

1. Pollutant Emitted :	H133		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.25	lb/hour	1.10 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.108 lb nickel/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=1.1045 tons/yr Source--SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 16

1. Pollutant Emitted :	H047		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.01	lb/hour	0.06 tons/year
4. Synthetically Limited?	[] Yes [X] No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : SR		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00555 lb cobalt/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.05676 tons/yr Source--SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 17

1. Pollutant Emitted :	H017			
2. Total Percent Efficiency of Control :	%			
3. Potential Emissions :	0.00	lb/hour	0.00	tons/year
4. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:				to tons/year
6. Emissions Factor :	Reference : SR			
7. Emissions Method Code :	5			
8. Calculations of Emissions :	<p>[.000165 lb benzene/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.00169 tons/yr Source--SR</p>			
9. Pollutant Potential/Estimated Emissions Comment :				

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 18

1. Pollutant Emitted :	H169		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.02 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.001485 lb toluene/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.01518 tons/yr Source--SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 19

1. Pollutant Emitted :	H162		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.00 tons/year
4. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : SR		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.0003 lb selenium/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.003068 tons/yr Source-- SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 20

1. Pollutant Emitted :	HCL
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	<div style="display: flex; justify-content: space-between; width: 100%;"> 2.33 lb/hour 10.21 tons/year </div>
4. Synthetically Limited? [] Yes [X] No	
5. Range of Estimated Fugitive/Other Emissions:	<div style="display: flex; justify-content: space-between; width: 100%;"> to tons/year </div>
6. Emissions Factor : Reference : GDW/Schimdt	
7. Emissions Method Code : 5	
8. Calculations of Emissions :	<p>[.997988 lb/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=10.2067 tons/yr Source-- GDW/Schimdt</p>
9. Pollutant Potential/Estimated Emissions Comment :	

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 21

1. Pollutant Emitted :	H107		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	1.97	lb/hour	8.62 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : GDW cal			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.842446 lb HF/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=8.616 tons/yr Source-- GDW cal		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 22

1. Pollutant Emitted :	DIOX
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	0.00 lb/hour 0.00 tons/year
4. Synthetically Limited? [] Yes [X] No	
5. Range of Estimated Fugitive/Other Emissions:	to tons/year
6. Emissions Factor : Reference : SR	
7. Emissions Method Code :	5
8. Calculations of Emissions :	[.00000000125 lb/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.0000000127 tons/yr Source-- SR
9. Pollutant Potential/Estimated Emissions Comment :	

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 23

1. Pollutant Emitted :	H014		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.01	lb/hour	0.05 tons/year
4. Synthetically Limited?	[] Yes [X] No		
5. Range of Estimated Fugitive/Other Emissions:			to tons/year
6. Emissions Factor :	Reference : AP-42		
7. Emissions Method Code :	3		
8. Calculations of Emissions :	[.00525 lb antimony/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.05369 tons/yr Source-- AP-42		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 24

1. Pollutant Emitted :	H161	
2. Total Percent Efficiency of Control :	%	
3. Potential Emissions :	lb/hour	tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions:	to	tons/year
6. Emissions Factor : Reference : EPRI SR		
7. Emissions Method Code :	2	
8. Calculations of Emissions :	1.9 pCi radionuclides/g particulate 1.9 (454 g/lb) (32 lb particulate/hr) = 27603.2 pCi/hr 1.9 (454) (32) (8760 hr/yr) = 241804032 pCi/yr	
9. Pollutant Potential/Estimated Emissions Comment :	Source; EPRI Synthesis Report This pollutant not measured in lb/hr or tons/hr.	

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 25

1. Pollutant Emitted :	H151		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.01	lb/hour	0.03 tons/year
4. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : Rad		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	$[.0031725 \text{ lb POM/kgals}] [2.335 \text{ kgals/hr}] [8760 \text{ hr/yr}] [1/2000] = .03246 \text{ tons/yr}$ Source-- Rad		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1
 Crist Plant Unit 1 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 26

1. Pollutant Emitted :	H095		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.01	lb/hour	0.03 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor : Reference :	EPRI SR		
7. Emissions Method Code :	2		
8. Calculations of Emissions :	.00282 lbs formaldehyde/kgals .00282 (2.335 kgals/hr) = .007 HCOH lbs/hr .00282 (2.335) (8760 hr/yr) (1ton/2000lbs) = .029 tons/yr		
9. Pollutant Potential/Estimated Emissions Comment :	Source; EPRI Synthesis Report		

Emissions Unit Information Section 1
Crist Plant Unit 1 Electric Utility Boiler

Pollutant Information Section 1

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :			
3. Requested Allowable Emissions and Units :	1.98	lbs/mmBtu	
4. Equivalent Allowable Emissions :	633.60	lb/hour	2,775.17 tons/year
5. Method of Compliance :	Low sulfur fuel & annual testing when oil burned >400 hours.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Rule: 62-296.405(1)(c)1.e.		

III. Part 9c - 1

Emissions Unit Information Section 1
Crist Plant Unit 1 Electric Utility Boiler

Pollutant Information Section 5

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :			
3. Requested Allowable Emissions and Units :	0.10	lbs/mmBtu	
4. Equivalent Allowable Emissions :	32.00	lb/hour	140.16 tons/year
5. Method of Compliance :	Proper combustion & annual testing when oil burned >400 hrs.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Rule: 62-296.405(1)(b)		

III. Part 9c - 2

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1
Crist Plant Unit 1 Electric Utility Boiler

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	VE
2. Basis for Allowable Opacity :	RULE
3. Requested Allowable Opacity :	
	Normal Conditions : 20 %
	Exceptional Conditions : 40 %
	Maximum Period of Excess Opacity Allowed : 2 min/hour
4. Method of Compliance :	
	Annual Method #9 Test; Rule: 62-296.405(1)(e)1.
5. Visible Emissions Comment :	
	Rule: 62-296.405(1)(a)

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1
Crist Plant Unit 1 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : NOX	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : TECO Model Number : 42D Serial Number : 42D-44171-270	
5. Installation Date :	31-Jul-1994
6. Performance Specification Test Date :	24-Aug-1994
7. Continuous Monitor Comment : Spectrum Systems model 300 dilution monitoring systems uses Siemens and TECO analyzers. CEM system for Unit 1 is a shared system for Crist 1-2-3. CEM required under Title IV 40 CFR Part 75.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1
Crist Plant Unit 1 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : CO2	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Siemens Model Number : ULTRAMAT 5E Serial Number : C6-196	
5. Installation Date :	31-Jul-1994
6. Performance Specification Test Date :	24-Aug-1994
7. Continuous Monitor Comment : Spectrum Systems Model 300 Dilution Monitoring System uses Siemens and TECO analyzers. Crist Unit 1 system is a shared system with Crist 1-2-3. CEM required under Title IV 40 CFR Part 75.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1

Crist Plant Unit 1 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : EM	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Unit uses fuel flow and fuel analysis to calculate SO2 emissions. System is a Appendix D system under Title IV 40 CFR Part 75.	

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION**

Emissions Unit Information Section 1

Crist Plant Unit 1 Electric Utility Boiler

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

- The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
- For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
- None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

III. Part 12 - 1

2. Increment Consuming for Nitrogen Dioxide?

- The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code :		
PM : U	SO2 : U	NO2 : U
4. Baseline Emissions :		
PM :	lb/hour	tons/year
SO2 :	lb/hour	tons/year
NO2 :		tons/year
5. PSD Comment :		

III. Part 12 - 2

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section

1

Crist Plant Unit 1 Electric Utility Boiler

Supplemental Requirements for All Applications

1. Process Flow Diagram :	EUS1-1
2. Fuel Analysis or Specification :	EUS1-2
3. Detailed Description of Control Equipment :	NA
4. Description of Stack Sampling Facilities :	NA
5. Compliance Test Report :	NA
6. Procedures for Startup and Shutdown :	EUS1-6
7. Operation and Maintenance Plan :	NA
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statue :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	EUS1-10
11. Alternative Modes of Operation (Emissions Trading) :	NA

III. Part 13 - 1

12. Identification of Additional Applicable Requirements :	EUS1-12
13. Compliance Assurance Monitoring Plan :	NA
14. Acid Rain Application (Hard-copy Required) : <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;">EUS1-14</div> <div style="width: 80%;"> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) New Unit Exemption (Form No. 62-210.900(1)(a)2.) Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) </div> </div>	

Unit 2

III. EMISSIONS UNIT INFORMATION

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one :

- [X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
- [] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one :

- [X] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- [] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- [] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. Part 1 - 1

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section : Crist Plant Unit 2 Electric Utility boiler		
2. Emissions Unit Identification Number : 002 [] No Corresponding ID [] Unknown		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? [X] Yes [] No	5. Emissions Unit Major Group SIC Code : 49
6. Emissions Unit Comment : Crist Unit 2 is a Riley front wall-fired dry bottom boiler. The primary fuels are natural gas, #6 fuel oil and # 2 fuel oil.		

Emissions Unit Information Section
Crist Plant Unit 2 Electric Utility boiler

2

Emissions Unit Control Equipment

1

1. Description :

Crist Unit 2 has no pollution control equipment. Emissions are controlled by proper operation of the boiler and by the amount of sulfur in the fuel.

2. Control Device or Method Code :

III. Part 3 - 1

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Emissions Unit Information Section 2
Crist Plant Unit 2 Electric Utility boiler

Rule Applicability Analysis

Not Applicable

List of Applicable Regulations

Title V Core List

Crist Unit 2 Federal-Regulation List (Cr2rule.EPA)

Crist Unit 2 State-Regulation List (Cr2rule.DEP)



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

April 1, 1996

Owners
Title V Sources

Dear Permittee:

Department records indicate that you operate a facility that is subject to Title V of the Clean Air Act. As you probably know, applications for Title V permits are due by June 15, 1996.

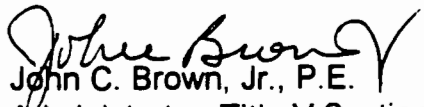
The Department has made numerous changes in its rules in recent months. Therefore, the Title V Core List, a list of rules that presumptively applies to each Title V source, has been updated and is provided for your convenience in completing the Title V application.

Enclosed you will also find a cross-reference of the old rule numbers and their new numbers.

Applicants are encouraged to use the new listing, however, to the extent that the applications have been completed by using the outdated rule references, it is not essential that the applications be changed.

If your facility is not subject to Title V, please disregard. If you do not know whether your facility is a Title V source or if you need additional information, please contact the Title V coordinator in Tallahassee for your geographical location as shown on the enclosure.

Sincerely,


John C. Brown, Jr., P.E.
Administrator, Title V Section
Bureau of Air Regulation

JCB/sk

Enclosures

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

[Note: The Title V Core List is meant to simplify the completion of the "List of Applicable Regulations" for DEP Form No. 62-210.900(1), Application for Air Permit - Long Form. The Title V Core List is a list of rules to which all Title V Sources are presumptively subject. The Title V Core List may be referenced in its entirety, or with specific exceptions. The Department may periodically update the Title V Core List.]

Federal: (description)

40 CFR 61: National Emission Standards for Hazardous Air Pollutants (NESHAP)
40 CFR 61, Subpart M: National Emission Standard for Asbestos.

40 CFR 82: Protection of Stratospheric Ozone.
40 CFR 82, Subpart B: Servicing of Motor Vehicle Air Conditioners (MVAC).
40 CFR 82, Subpart F: Recycling and Emissions Reduction.

State: (description)

CHAPTER 62-4, F.A.C.: PERMITS, effective 10-16-95

62-4.030, F.A.C.: General Prohibition.
62-4.040, F.A.C.: Exemptions.
62-4.050, F.A.C.: Procedure to Obtain Permits; Application.
62-4.060, F.A.C.: Consultation.
62-4.070, F.A.C.: Standards for Issuing or Denying Permits; Issuance; Denial.
62-4.080, F.A.C.: Modification of Permit Conditions.
62-4.090, F.A.C.: Renewals.
62-4.100, F.A.C.: Suspension and Revocation.
62-4.110, F.A.C.: Financial Responsibility.
62-4.120, F.A.C.: Transfer of Permits.
62-4.130, F.A.C.: Plant Operation - Problems.
62-4.150, F.A.C.: Review.
62-4.160, F.A.C.: Permit Conditions.
62-4.210, F.A.C.: Construction Permits.
62-4.220, F.A.C.: Operation Permit for New Sources.

CHAPTER 62-103, F.A.C.: RULES OF ADMINISTRATIVE PROCEDURE, effective 12-31-95

62-103.150, F.A.C.: Public Notice of Application and Proposed Agency Action.
62-103.155, F.A.C.: Petition for Administrative Hearing; Waiver of Right to Administrative Proceeding.

CHAPTER 62-210, F.A.C.: STATIONARY SOURCES - GENERAL REQUIREMENTS, effective 03-21-96

62-210.300, F.A.C.: Permits Required.

62-210.300(1), F.A.C.: Air Construction Permits.

62-210.300(2), F.A.C.: Air Operation Permits.

62-210.300(3), F.A.C.: Exemptions.

62-210.300(3)(a), F.A.C.: Full Exemptions.

62-210.300(3)(b), F.A.C.: Temporary Exemption.

62-210.300(5), F.A.C.: Notification of Startup.

62-210.300(6), F.A.C.: Emissions Unit Reclassification.

62-210.350, F.A.C.: Public Notice and Comment.

62-210.350(3), F.A.C.: Additional Public Notice Requirements for Facilities Subject to Operation Permits for Title V Sources.

62-210.360, F.A.C.: Administrative Permit Corrections.

62-210.370(3), F.A.C.: Annual Operating Report for Air Pollutant Emitting Facility.

62-210.650, F.A.C.: Circumvention.

62-210.900, F.A.C.: Forms and Instructions.

62-210.900(1) Application for Air Permit - Long Form, Form and Instructions.

62-210.900(5) Annual Operating Report for Air Pollutant Emitting Facility, Form and Instructions.

CHAPTER 62-213, F.A.C.: OPERATION PERMITS FOR MAJOR SOURCES OF AIR POLLUTION, effective 03-20-96

62-213.205, F.A.C.: Annual Emissions Fee.

62-213.400, F.A.C.: Permits and Permit Revisions Required.

62-213.410, F.A.C.: Changes Without Permit Revision.

62-213.412, F.A.C.: Immediate Implementation Pending Revision Process.

62-213.420, F.A.C.: Permit Applications.

62-213.430, F.A.C.: Permit Issuance, Renewal, and Revision.

62-213.440, F.A.C.: Permit Content.

62-213.460, F.A.C.: Permit Shield.

62-213.900, F.A.C.: Forms and Instructions.

62-213.900(1) Major Air Pollution Source Annual Emissions Fee Form, Form and Instructions.

CHAPTER 62-256, F.A.C.: OPEN BURNING AND FROST PROTECTION FIRES, effective 11-30-94

CHAPTER 62-257, F.A.C.: ASBESTOS NOTIFICATION AND FEE, effective 03/24/96

CHAPTER 62-281, F.A.C.: MOTOR VEHICLE AIR CONDITIONING REFRIGERANT RECOVERY AND RECYCLING, effective 03-07-96

CHAPTER 62-296, F.A.C.: STATIONARY SOURCES - EMISSION STANDARDS, effective 03-13-96

62-296.320(2), F.A.C.: Objectionable Odor Prohibited.

62-296.320(3), F.A.C.: Industrial, Commercial, and Municipal Open Burning Prohibited.

62-296.320(4)(c), F.A.C.: Unconfined Emissions of Particulate Matter.

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**Division of Air Resources Management
Rule Repeals and Conforming Amendments
Cross-Reference of Rule Number Changes**

March 24, 1996

Based on FAW Notices: 10/27/95 (effective 1/1/96 & 1/2/96)
12/15/96, 2/2/96, & 2/9/96 (effective 3/13/96)
1/26/96 (effective 3/24/96)

Rules Moved or Renumbered

From:

To:

62-204:

204.500	204.500(1)
204.500(1)-(4)	204.500(1)(a)-(d)
204.600	204.500(2)

62-210:

210.400(4)	212.600(3)
Fig. 210.400-1	212.600(3)(c)4. - figure replaced by equation
210.500 - except last sentence	204.220(4)

62-212:

212.200 - all definitions	210.200 - definitions merged in as needed
212.400(6)-(8) and below	212.400(7)-(9) and below
212.410(1)(a)-(d)	212.400(6)(a)1.-4.
212.410(2)	212.400(6)(b)
212.410(3)(a) and below	212.400(6)(c) - amended to cite CFR
212.410(3)(b) and below	212.400(6)(c)1. - amended to cite CFR
212.410(3)(c)	212.400(6)(c)2.
212.410(4)(a)-(b)	212.400(6)(d)1.-2.
212.500(7) and below	212.500(8) and below
212.510(1)(a)-(c)	212.500(7)(a)1.-3.
212.510(2)-(3)	212.500(7)(b)-(c)
212.700(1)-(2)	210.300(6)(a)-(b)

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

From:

To:

62-213:

213.200 - all definitions
213.210

210.200 - definitions merged in as needed
213.205(5)

62-214:

214.200 - all definitions

210.200 - definitions merged in as needed

62-215:

215.220(1)
215.220(1)(a)-(c)
215.220(2)
215.220(3)(a)-(b)
215.220(4)
215.220(5)(a)-(d)
215.230
215.230(1)-(10)
215.230(11)(a)-(d)
215.230(12)
215.230(12)(a)-(d)
215.230(13)(a)-(b)
215.230(14)
215.230(14)(a)-(b)
215.230(15)
215.230(16)
215.230(16)(a)
215.230(16)(b)
215.230(17)-(19)
215.300(1)
215.900(1)

213.300(2)(a)
213.300(2)(a)1.-3.
213.300(2)(b)
213.300(2)(c)1.-2.
213.300(2)(d)
213.300(2)(e)1.-4.
213.300(3)
213.300(3)(a)-(j)
213.300(3)(k)1.-4.
213.300(3)(l)1.
213.300(3)(l)2.-5.
213.300(3)(m)1.-2.
213.300(3)(n)1.
213.300(3)(n)2.-3.
213.300(3)(o)
213.300(3)(p)1.
213.300(3)(p)1. - last sentence
213.300(3)(p)2.
213.300(3)(q)-(s)
213.300(1)(a)
213.900(2)

62-257:

257.300
257.301(1)-(5) and below
257.350

257.301(1)
257.301(2)-(6) and below
204.800(8)(b)8.

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

From:

To:

62-272:

272.100	204.100(1)
272.200 - all definitions	204.200 - definitions merged in as needed
272.300(2) - except last sentence	204.220(1)
272.300(2) - last sentence	204.220(3)
272.300(3)(a)1.-3.	204.240(1)(a)-(c)
272.300(3)(b)1.-2.	204.240(2)(a)-(b)
272.300(3)(c)1.-2.	204.240(3)(a)-(b)
272.300(3)(d)1.	204.240(4)
272.300(3)(d)1.a.-c.	204.240(4)(a)-(c)
272.300(3)(e)1.	204.240(5)
272.300(3)(f)1.	204.240(6)
272.500	204.260
272.500(1)(a)-(b) and below	204.260(1)(a)-(b) and below
272.500(1)(c)1.	204.260(1)(c)
272.500(2)(a)-(b) and below	204.260(2)(a)-(b) and below
272.500(2)(c)1.	204.260(2)(c)
272.500(3)(a)-(b) and below	204.260(3)(a)-(b) and below
272.500(3)(c)1.	204.260(3)(c)

62-275:

275.100	204.100(2)
275.200 - all definitions	204.200 - definitions merged in as needed
275.300 and below	204.320 and below
275.400(1)-(5)	204.340(1)(a)-(e)
275.410(1)	204.340(2)(a) - amended to delete ozone areas
275.410(2)-(7)	204.340(2)(b)-(g)
275.420(1)	204.340(3)(a)
275.420(2)(a)-(d)	204.340(3)(b)1.-4.
275.420(3)	204.340(3)(c)
275.600(1)(a)	204.340(4)(a)1.
275.600(1)(b)	204.340(4)(a)2.-4. - amended to add ozone areas
275.600(3)(a)-(b)	204.340(4)(b)1.-2.
275.600(4)-(5)	204.340(4)(c)-(d)
275.700(1)-(3) and below	204.360(1)-(3) and below
275.800(1) and below	204.360(4) and below
275.800(2) and below	204.360(5) and below

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

From:

To:

62-296:

296.200 - all definitions	210.200 - definitions merged in as needed
296.310	296.320(4)
296.310(1)	296.320(4)(a)
296.310(1)(a)1.-3.	296.320(4)(a)1.a.-c.
296.310(1)(b)	296.320(4)(a)2.
296.310(1)(c)	296.320(4)(a)3.
296.310(1)(c)1.a.-b.	296.320(4)(a)3.a.(i)-(ii)
296.310(1)(c)2.a.-b.	296.320(4)(a)3.b.(i)-(ii)
296.310(1)(c)3.	296.320(4)(a)3.c.
Table 296.310-1	Table 296.320-1
296.310(2)(a) - first sentence	296.320(4)(b)1.
296.310(2)(a) - remaining sentences	296.320(4)(b)2. - amended to clarify intent
296.310(2)(a)1.-3.	296.320(4)(b)2.a.-c.
296.310(2)(b)	296.320(4)(b)3.
296.310(2)(c)1.-2.	296.320(4)(b)4.a.-b.
296.310(3)(a)-(b)	296.320(4)(c)1.-2.
296.310(3)(c)1.-8.	296.320(4)(c)3.a.-h.
296.310(3)(d)	296.320(4)(c)4.
296.800(1)	204.800(7)(a)
296.800(2)(a)	204.800(7)(b)
296.800(2)(a)1.-68.	204.800(7)(b)1.-68.
296.800(2)(b)	204.800(7)(c)
296.800(3)	204.800(7)(d)
296.800(4)	204.800(7)(e)
296.800(4)(a)-(e)	204.800(7)(e)1.-5.
296.810(1)	204.800(8)(a)
296.810(2)(a)	204.800(8)(b)
296.810(2)(a)1.-7.	204.800(8)(b)1.-7.
296.810(2)(a)8.-14.	204.800(8)(b)9.-15.
296.810(2)(b)	204.800(8)(c)
296.810(3)	204.800(8)(d)
296.810(4)	204.800(8)(e)
296.810(4)(a)-(c)	204.800(8)(e)1.-3.
296.820(1)	204.800(9)(a)
296.820(2)(a)	204.800(9)(b)
296.820(2)(a)1.-5.	204.800(9)(b)1.-5.
296.820(2)(b)	204.800(9)(c)
296.820(3)	204.800(9)(d)
296.820(3)(a)-(d)	204.800(9)(d)1.-4.
296.820(4)	204.800(9)(e)
296.820(4)(a)-(b)	204.800(9)(e)1.-2.

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

From:

To:

62-297:

297.200 - all definitions	210.200 - definitions merged in as needed
297.310(4)	297.310(9)
297.330(1)	297.310(4)(a)
297.330(1)(a)-(b)	297.310(4)(a)1.-2.
297.330(1)(b)1.-3.	297.310(4)(a)2.a.-c.
297.330(2)-(5)	297.310(4)(b)-(e)
Table 297.330-1	Table 297.310-1
297.340(1)	297.310(7)(a)
297.340(1)(a)-(b)	297.310(7)(a)1.-2.
297.340(1)(c)	297.310(7)(a)3.
297.340(1)(c)1.-2.	297.310(7)(a)3.a.-b.
297.340(1)(d)	297.310(7)(a)4.
297.340(1)(d)1.	297.310(7)(a)4.a.
297.340(1)(d)2.a.-c.	297.310(7)(a)4.b. - lang. combined in one paragraph
297.340(1)(d)3.	297.310(7)(a)4.c.
297.340(1)(e)-(j)	297.310(7)(a)5.-10.
297.340(2)-(3)	297.310(7)(b)-(c)
297.345	297.310(6)
297.345(1)-(2)	297.310(6)(a)-(b)
297.345(3)(a)1.-5.	297.310(6)(c)1.-5.
297.345(3)(b)1.-4.	297.310(6)(d)1.-4.
297.345(3)(c)1.-2.	297.310(6)(e)1.-2.
297.345(3)(d)1.-2.	297.310(6)(f)1.-2.
297.345(3)(e)1.	297.310(6)(g)1.
297.345(3)(e)1.a.-c.	297.310(6)(g)1.a.-c.
297.345(3)(e)2.-3.	297.310(6)(g)2.-3.
297.350(1)-(2)	297.310(5)(a)-(b)
297.400(1)	297.401 - last two sentences
297.420(1)	297.401(9)(c)1.
297.420(2)(a)-(b)	297.401(9)(c)2.a.-b.
297.570(1)-(3)	297.310(8)(a)-(c)
297.570(3)(a)-(u)	297.310(8)(c)1.-21.

Rules Fully Repealed, Not Moved

<u>Rule Repealed:</u>	<u>Comment:</u>
204.300	Definition of "SIP" expanded in 204.200
209.100-.800	Entire chapter 62-209 repealed; to be implemented by guidance
210.400(1)-(3) 210.500 last sentence 210.600 210.980	
213.220	Restates statute
215.100 215.200 215.240 215.300(2)-(6) 215.900(2)	Reproposed at 213.300(4) (FAW notice 3/8/96) Reproposed as part of Form 62-213.900(2) (FAW notice 3/8/96)
242.300	Definition of "Program Area" expanded in 242.200
243.700	Restates statute
244.100-.600	Entire chapter 62-244 repealed; to be implemented by guidance
252.800	Restates statute
257.401	Restates statute
272.300(1) 272.750(1) 272.750(2) Figure 272.750-1	Moved to document adopted by reference at 212.600(2)(c) Included in document adopted by reference at 212.600(2)(c)
273.200-.600	Entire chapter 62-273 repealed; considered obsolete
275.410(1)(a)-(c) 275.600(2)	Repealed in response to EPA approval of redesignations

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

Rule Repealed:

Comment:

296.330
296.400

Definition of "BACT" in 210.200 to be used in lieu of rule
Language of "Purpose and Scope" at 296.100 expanded

Figure 297.345-1

Replaced by text at 297.345(3)(e)1.a.-c., effective 1/1/96; then
moved to 297.310(6)(g)1.a.-c., effective 3/13/96)

297.400(2)

297.411

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297.415

Figure 297.415-1

Figure 297.415-2

Figure 297.415-3

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EPA Rule	GULF POWER - CRIST UNIT 2 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
Part 60 - EPA Regulations on Standards of Performance for New Stationary Sources						
Subpart A — General Provisions						
60.7	Notification and record keeping.	0330045		X		Unit 002
60.8	Performance tests.	0330045		X		Unit 002
60.11	Compliance with standards and maintenance requirements.	0330045		X		Unit 002
60.12	Circumvention.	0330045		X		Unit 002
60.13	Monitoring requirements	0330045		X		Unit 002
60.19	General notifications and reporting requirements	0330045		X		Unit 002
Subpart D — Standards of Performance for Fossil-Fuel Fired Steam Generators for Which Construction is Commenced After August 17, 1971						
60.42	Standard for particulate matter.	0330045		X		Unit 002
60.43	Standard for sulfur dioxide.	0330045		X		Unit 002
60.44	Standard for nitrogen oxides.	0330045		X		Unit 002
60.45	Emission and fuel monitoring.	0330045		X		Unit 002
60.46	Test methods and procedures.	0330045		X		Unit 002
Subpart Da — Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978						
60.42a	Standard for particulate matter.	0330045		X		Unit 002
60.43a	Standard for sulfur dioxide.	0330045		X		Unit 002
60.44a	Standard for nitrogen oxides.	0330045		X		Unit 002
60.45a	Commercial demonstration permit.	0330045		X		Unit 002
60.46a	Compliance provisions.	0330045		X		Unit 002
60.47a	Emission monitoring.	0330045		X		Unit 002

FLORIDA COUNTY LISTING WITH ASSOCIATED FEE REVIEW CONTACT

Northeast & Northwest Districts: Jonathan Holtom / Ed Svec
 South & Southwest Districts: Charles Logan / Lennon Anderson
 Central & Southeast Districts: Tom Cascio / Steve Welsh
 General Fee Questions - All Districts: Bruce Mitchell
 Contact at: (904) 488-1344

Florida County Code	County Name	FIPS County Code	Contact Engineer
1	Alachua	001	Holtom / Svec
2	Baker	003	Holtom / Svec
3	Bay	005	Holtom / Svec
4	Bradford	007	Holtom / Svec
5	Brevard	009	Cascio / Welsh
6	Broward	011	Cascio / Welsh
7	Calhoun	013	Holtom / Svec
8	Charlotte	015	Logan / Anderson
9	Citrus	017	Logan / Anderson
10	Clay	019	Holtom / Svec
11	Collier	021	Logan / Anderson
12	Columbia	023	Holtom / Svec
13	Dade	025	Cascio / Welsh
14	DeSoto	027	Logan / Anderson
15	Dixie	029	Holtom / Svec
16	Duval	031	Holtom / Svec
17	Escambia	033	Holtom / Svec
18	Flagler	035	Holtom / Svec
19	Franklin	037	Holtom / Svec
20	Gadsden	039	Holtom / Svec
21	Gilchrist	041	Holtom / Svec
22	Glades	043	Logan / Anderson
23	Gulf	045	Holtom / Svec
24	Hamilton	047	Holtom / Svec
25	Hardee	049	Logan / Anderson
26	Hendry	051	Logan / Anderson
27	Hernando	053	Logan / Anderson
28	Highlands	055	Logan / Anderson
29	Hillsborough	057	Logan / Anderson
30	Holmes	059	Holtom / Svec
31	Indian River	061	Logan / Anderson
32	Jackson	063	Holtom / Svec
33	Jefferson	065	Holtom / Svec
34	LaFayette	067	Holtom / Svec

Florida County Code	County Name	FIPS County Code	Contact Engineer
35	Lake	069	Cascio / Welsh
36	Lee	071	Logan / Anderson
37	Leon	073	Holtom / Svec
38	Levy	075	Holtom / Svec
39	Liberty	077	Holtom / Svec
40	Madison	079	Holtom / Svec
41	Manatee	081	Logan / Anderson
42	Marion	083	Cascio / Welsh
43	Martin	085	Cascio / Welsh
44	Monroe	087	Logan / Anderson
45	Nassau	089	Holtom / Svec
46	Okaloosa	091	Holtom / Svec
47	Okeechobee	093	Cascio / Welsh
48	Orange	095	Cascio / Welsh
49	Osceola	097	Cascio / Welsh
50	Palm Beach	099	Cascio / Welsh
51	Pasco	101	Logan / Anderson
52	Pinellas	103	Logan / Anderson
53	Polk	105	Logan / Anderson
54	Putnam	107	Holtom / Svec
55	Saint Johns	109	Holtom / Svec
56	Saint Lucie	111	Cascio / Welsh
57	Santa Rose	113	Holtom / Svec
58	Sarasota	115	Logan / Anderson
59	Seminole	117	Cascio / Welsh
60	Sumter	119	Logan / Anderson
61	Suwannee	121	Holtom / Svec
62	Taylor	123	Holtom / Svec
63	Union	125	Holtom / Svec
64	Volusia	127	Cascio / Welsh
65	Wakulla	129	Holtom / Svec
66	Walton	131	Holtom / Svec
67	Washington	133	Holtom / Svec

EPA Rule	GULF POWER - CRIST UNIT 2 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
60.48a	Compliance determination procedures and methods.	0330045		X		Unit 002
60.49a	Reporting requirements.	0330045		X		Unit 002
Subpart Db — Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units						
60.42b	Standard for sulfur dioxide.	0330045		X		Unit 002
60.43b	Standard for particulate matter.	0330045		X		Unit 002
60.44b	Standard for nitrogen oxides.	0330045		X		Unit 002
60.45b	Compliance and performance test methods and procedures for sulfur dioxide.	0330045		X		Unit 002
60.46b	Compliance and performance test methods and procedures for particulate matter and nitrogen oxides.	0330045		X		Unit 002
60.47b	Emission monitoring for sulfur dioxide.	0330045		X		Unit 002
60.48b	Emission monitoring for particulate matter and nitrogen oxides.	0330045		X		Unit 002
60.49b	Reporting and recordkeeping.	0330045		X		Unit 002
Subpart Dc — Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units						
60.42c	Standard for sulfur dioxide.	0330045		X		Unit 002
60.43c	Standard for particulate matter.	0330045		X		Unit 002
60.44c	Compliance and performance test methods and procedures for sulfur dioxide.	0330045		X		Unit 002
60.45c	Compliance and performance test methods and procedures for particulate matter.	0330045		X		Unit 002
60.46c	Emission monitoring for sulfur dioxide.	0330045		X		Unit 002
60.47c	Emission monitoring for particulate matter.	0330045		X		Unit 002
60.48c	Reporting and recordkeeping.	0330045		X		Unit 002

EPA Rule	GULF POWER - CRIST UNIT 2 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
Subpart K — Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978						
60.112	Standard for volatile organic compounds (VOC).	0330045		×		Unit 002
60.113	Monitoring of operations.	0330045		×		Unit 002
Subpart Ka — Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984						
60.112a	Standard for volatile organic compounds (VOC).	0330045		×		Unit 002
60.113a	Testing and procedures.	0330045		×		Unit 002
60.114a	Alternative means of emission limitations.	0330045		×		Unit 002
60.115a	Monitoring of operations.	0330045		×		Unit 002
Subpart Kb — Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984						
60.112b	Standard for volatile organic compounds (VOC).	0330045		×		Unit 002
60.113b	Testing and procedures.	0330045		×		Unit 002
60.114b	Alternative means of emission limitations.	0330045		×		Unit 002
60.115b	Recordkeeping and reporting requirements.	0330045		×		Unit 002
60.116b	Monitoring of operations.	0330045		×		Unit 002
Subpart Y — Standards of Performance for Coal Preparation Plants						
60.252	Standard for particulate matter.	0330045		×		Unit 002
60.253	Monitoring of operations.	0330045		×		Unit 002
60.254	Test methods and procedures.	0330045		×		Unit 002
Subpart GG — Standards of Performance for Stationary Gas Turbines						
60.332	Standard for nitrogen oxides.	0330045		×		Unit 002

EPA Rule	GULF POWER - CRIST UNIT 2 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
60.333	Standard for sulfur dioxide.	0330045		X		Unit 002
60.334	Monitoring of operations.	0330045		X		Unit 002
60.335	Test methods and procedures.	0330045		X		Unit 002
Subpart 000 --- Standards of Performance for Nonmetallic Mineral Processing Plants						
60.672	Standard for Particulate Matter.	0330045		X		Unit 002
60.674	Monitoring of Operations.	0330045		X		Unit 002
60.676	Reporting and Recordkeeping.	0330045		X		Unit 002
Part 61 - EPA Regulations on National Emission Standards for Hazardous Air Pollutants						
Subpart A — General Provisions						
61.05	Prohibited Activities.	0330045	✓			Facility
61.09	Notification of Startup.	0330045		X		Facility
61.10	Source Reporting and Request for Waiver of Compliance.	0330045		X		Facility
61.11	Waiver of Compliance.	0330045		X		Facility
61.12(b)	Compliance with Standards and Maintenance Requirements.	0330045	✓			Facility
61.13	Emission Tests and Waiver of Emission Tests.	0330045		X		Facility
61.14	Monitoring Requirements.	0330045		X		Facility
61.19	Circumvention.	0330045		X		Facility
Subpart M — National Emission Standards for Asbestos		0330045	✓			Facility
Appendix C to Part 61 — Quality Assurance Procedures		0330045	✓			Facility
Part 63 - EPA Regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories						
Subpart A — General Provisions						
63.4	Prohibited Activities and Circumvention.	0330045		X		Unit 002

EPA Rule	GULF POWER - CRIST UNIT 2 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
63.6	Compliance with Standards and Maintenance Requirements.	0330045		X		Unit 002
63.7	Performance Testing Requirements.	0330045		X		Unit 002
63.8	Monitoring Requirements.	0330045		X		Unit 002
63.9	Notification Requirements.	0330045		X		Unit 002
63.10	Reporting and Recordkeeping Requirements.	0330045		X		Unit 002
63.11	Control Device Requirements.	0330045		X		Unit 002
Subpart Q — National Emission Standards for Industrial Process Cooling Towers						
63.402	Standard.	0330045		X		Unit 002
63.403	Compliance Dates.	0330045		X		Unit 002
63.404	Compliance Demonstrations.	0330045		X		Unit 002
63.405	Notification Requirements.	0330045		X		Unit 002
63.406	Recordkeeping and Reporting Requirements.	0330045		X		Unit 002
Subpart T — National Emission Standards for Halogenated Solvent Cleaning						
63.462	Batch Cold Cleaning Machine Standards.	0330045		X		Unit 002
63.463	Batch Vapor and In-Line Cleaning Machine Standards.	0330045		X		Unit 002
63.464	Alternative Standards.	0330045		X		Unit 002
63.465	Test Methods.	0330045		X		Unit 002
63.466	Monitoring Procedures.	0330045		X		Unit 002
63.467	Recordkeeping Requirements.	0330045		X		Unit 002
63.468	Reporting Requirements.	0330045		X		Unit 002
Part 72 - EPA Acid Rain Program Permits						
Subpart A — General Provisions						

EPA Rule	GULF POWER - CRIST UNIT 2 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
72.7	New Units Exemption.	0330045		X		Unit 002
72.8	Retired Units Exemption.	0330045		X		Unit 002
72.9	Standard Requirements.	0330045	✓			Unit 002
Subpart B — Designated Representative						
72.20	Authorization and Responsibilities of the Designated Representative	0330045	✓			Unit 002
72.21	Submissions.	0330045	✓			Unit 002
72.22	Alternate Designated Representative.	0330045	✓			Unit 002
72.23	Changing the Designated Representative, Alternate Designated Representative; Changes in the Owners and Operators.	0330045	✓			Unit 002
Subpart C — Acid Rain Applications						
72.30	Requirements to Apply.	0330045	✓			Unit 002
72.32	Permit Applications Shield and Binding Effect of Permit Application.	0330045	✓			Unit 002
72.33	Identification of Dispatch System.	0330045	✓			Unit 002
Subpart D — Acid Rain Compliance Plan and Compliance Options						
72.40	General.	0330045	✓			Unit 002
72.41	Phase I Substitution Plans.	0330045		X		Unit 002
72.42	Phase I Extension Plans.	0330045		X		Unit 002
72.43	Phase I Reduced Utilization Plans.	0330045		X		Unit 002
72.44	Phase II Repowering Extensions.	0330045		X		Unit 002
Subpart E — Acid Rain Permit Contents						
72.51	Permit Shield.	0330045	✓			Unit 002
Subpart I - Compliance Certification						

EPA Rule	GULF POWER - CRIST UNIT 2 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
72.90	Annual Compliance Certification Report.	0330045	✓			Unit 002
72.91	Phase I Unit Adjusted Utilization.	0330045		×		Unit 002
72.92	Phase I Unit Allowance Surrender.	0330045		×		Unit 002
72.93	Units with Phase I Extension Plans.	0330045		×		Unit 002
72.94	Units with Repowering Extension Plans.	0330045		×		Unit 002
Part 73 - EPA Acid Rain Program Sulfur Dioxide Allowance System						
Subpart C — Allowance Tracking System						
73.33	Authorized Account Representative	0330045	✓			Unit 002
73.35	Compliance.	0330045	✓			Unit 002
Part 75 - EPA Acid Rain Program For Continuous Emission Monitoring						
Subpart A — General						
75.4	Compliance Dates.	0330045	✓			Unit 002
75.5	Prohibitions.	0330045	✓			Unit 002
Subpart B — Monitoring Provisions						
75.10	General Operating Requirements.	0330045	✓			Unit 002
75.11	Specific Provisions for Monitoring SO ₂ Emissions (SO ₂ and Flow Monitors).	0330045	✓			Unit 002
75.12	Specific Provisions for Monitoring NO _x Emissions (NO _x and Diluent Gas Monitors).	0330045	✓			Unit 002
75.13	Specific Provisions for Monitoring CO ₂ Emissions.	0330045	✓			Unit 002
75.14	Specific Provisions for Monitoring Opacity.	0330045		×		Unit 002
75.15	Specific Provisions for Monitoring SO ₂ Emissions Removal by Qualifying Phase I Technology.	0330045		×		Unit 002

EPA Rule	GULF POWER - CRIST UNIT 2 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
75.16	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for SO ₂ Emissions and Heat Input Determinations.	0330045		×		Unit 002
75.17	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for NO _x Emission Rate.	0330045		×		Unit 002
75.18	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for Opacity.	0330045		×		Unit 002
Subpart C — Operation and Maintenance Requirements						
75.20	Certification and Recertification Procedures.	0330045	✓			Unit 002
75.21	Quality Assurance and Quality Control Requirements.	0330045	✓			Unit 002
75.22	Reference Test Methods.	0330045	✓			Unit 002
75.24	Out-of-Control Periods.	0330045	✓			Unit 002
Subpart D — Missing Data Substitution Procedures						
75.30	General Provisions.	0330045	✓			Unit 002
75.31	Initial Missing Data Procedures.	0330045	✓			Unit 002
75.32	Determination of Monitor Data Availability for Standard Missing Data Procedures.	0330045	✓			Unit 002
75.33	Standard Missing Data Procedures.	0330045	✓			Unit 002
75.34	Units with Add-On Emission Controls.	0330045		×		Unit 002E=p37
	Missing Data Procedures for CO ₂	0330045	✓			Unit 002
75.36	Missing Data Procedures for Heat Input	0330045	✓			Unit 002
Subpart E — Alternative Monitoring Systems						
75.40	General Demonstration Requirements.	0330045		×		Unit 002
75.41	Precision Criteria.	0330045		×		Unit 002
75.42	Reliability Criteria.	0330045		×		Unit 002

75.35

EPA Rule	GULF POWER - CRIST UNIT 2 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
75.43	Accessibility Criteria.	0330045		×		Unit 002
75.44	Timeliness Criteria.	0330045		×		Unit 002
75.45	Daily Quality Assurance Criteria.	0330045		×		Unit 002
75.46	Missing Data Substitution Criteria.	0330045		×		Unit 002
75.47	Criteria for a Class of Affected Units.	0330045		×		Unit 002
75.48	Petition for an Alternative Monitoring System.	0330045		×		Unit 002
Subpart F — Recordkeeping Requirements						
75.50	General Recordkeeping Provisions.	0330045	✓			Unit 002
75.51	General Recordkeeping Provisions for Specific Situations.	0330045		×		Unit 002
75.52	Certification, Quality Assurance, and Quality Control Record Provisions.	0330045	✓			Unit 002
75.53	Monitoring Plan.	0330045	✓			Unit 002
75.54	General Recordkeeping Provisions	0330045	✓			Unit 002
75.55	General Recordkeeping Provisions for Special Situations	0330045	✓			Unit 002
75.56	Certification, Quality Assurance and Quality Control Record Provision	0330045	✓			Unit 002
Subpart G — Reporting Requirements						
75.60	General Provisions.	0330045	✓			Unit 002
75.61	Notification of Certification and Recertification Test Dates.	0330045	✓			Unit 002
75.62	Monitoring Plan.	0330045	✓			Unit 002
75.63	Certification or Recertification Applications.	0330045	✓			Unit 002
75.64	Quarterly Reports.	0330045	✓			Unit 002
75.65	Opacity Reports.	0330045	✓			Unit 002

EPA Rule	GULF POWER - CRIST UNIT 2 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
Appendix A to Part 75 — Specifications and Test Procedures		0330045	✓			Unit 002
Appendix B to Part 75 — Quality Assurance and Quality Control Procedures		0330045	✓			Unit 002
Appendix C to Part 75 — Missing Data Statistical Estimation Procedures		0330045	✓			Unit 002
Appendix D to Part 75 — Optional SO ₂ Emissions Data Protocol for Gas-Fired Units and Oil-Fired Units		0330045	✓			Unit 002
Appendix E to Part 75 — Optional NO _x Emissions Estimation Protocol for Gas-Fired Peaking Units and Oil-Fired Peaking Units		0330045	✓			Unit 002
EPA Part 76 - Acid Rain Nitrogen Oxides Emission Reduction Program						
76.5	NO _x Emission Limitations for Group I Boilers.	0330045		×		Unit 002
76.8	Early Election for Group I, Phase II Boilers.	0330045		×		Unit 002
76.9	Permit Applications and Compliance Plans.	0330045		×		Unit 002
76.10	Alternative Emission Limitations.	0330045		×		Unit 002
76.11	Emissions Averaging.	0330045		×		Unit 002
76.12	Phase I NO _x Compliance Extensions.	0330045		×		Unit 002
76.13	Compliance and Excess Emissions	0330045		×		Unit 002
76.14	Monitoring, Recordkeeping, and Reporting.	0330045		×		Unit 002
76.15	Test Methods and Procedures.	0330045		×		Unit 002
EPA Part 77 - Excess Emissions						
77.3	Offset Plans	0330045	✓		May apply in future.	Unit 002
77.5(b)	Deduction of Allowances	0330045	✓		May apply in future.	Unit 002
77.6	Excess Emission Penalties for SO ₂ and No _x ; and	0330045	✓		May apply in future.	Unit 002
EPA Part 82 - Protection Of Stratospheric Ozone						

EPA Rule	GULF POWER - CRIST UNIT 2 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
Subpart B - Servicing of Motor Vehicle Air Conditioners						
82.34	Prohibitions.	0330045	✓			Facility
82.36	Approved refrigerant recycling equipment.	0330045	✓			Facility
82.38	Approved independent standards testing organizations.	0330045	✓			Facility
82.40	Technician training and certification.	0330045	✓			Facility
82.42	Certification, recordkeeping and public notification requirements.	0330045	✓			Facility
Subpart F - Recycling and Emissions Reduction						
82.154	Prohibitions.	0330045	✓			Facility
82.156	Required practice.	0330045	✓			Facility
82.158	Standards for recycling and recovery equipment.	0330045	✓			Facility
82.160	Approved equipment testing organizations.	0330045	✓			Facility
82.161	Technician certification.	0330045	✓			Facility
82.162	Certification by owners of recovery and recycling equipment.	0330045	✓			Facility
82.164	Reclaimer certification.	0330045	✓			Facility
82.166(k)(m)	Reporting and recordkeeping requirements for owners/operators.	0330045	✓			Facility
40 CFR 279.72	Used Oil Regulations	0330045	✓		Facility burns on-spec used oil.	Facility

**GULF POWER - CRIST UNIT 2
FDEP APPLICABLE REQUIREMENTS LIST**

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
Chapter 62-4 Permits						
62-4.030	General Prohibition.	0330045	✓		State Only	Facility
62-4.040(1)	Exemptions	0330045	✓		State Only	Facility
62-4.100	Suspension and Revocation.	0330045	✓		State Only	Facility
62-4.130	Plant Operation - Problems.	0330045	✓		State Only	Facility
Chapter 62-204 State Implementation Plan						
62-204.800	Standards of Performance for New Stationary Sources (NSPS) (see 40 CFR 60 list for subsections).					
	(7) Standards Adopted.	0330045		X	State only.	Unit 002
	(b) The following Standards of Performance for New Stationary Sources contained in 40 CFR 60, revised as of July 1, 1994, or later as specifically indicated.	0330045		X	State only.	Unit 002
	1. 40 CFR 60.40 Subpart D, Fossil-fuel-fired Steam Generators for which Construction is Commenced after August 17, 1971.	0330045		X	State only.	Unit 002
	2. 40 CFR 60.40a Subpart Da, Electric Utility Steam Generators for which Construction is Commenced after September 18, 1978.	0330045		X	State only.	Unit 002
	3. 40 CFR 60.40b Subpart Db, Industrial-Commercial-Institutional Steam Generating Units.	0330045		X	State only.	Unit 002
	4. 40 CFR 60.40c Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units.	0330045		X	State only.	Unit 002
	12. 40 CFR 60.110 Subpart K, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after June 11, 1973, and prior to May 19, 1978.	0330045		X	State only.	Unit 002
	13. 40 CFR 60.110a Subpart Ka, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after May 18, 1978, and prior to July 23, 1984.	0330045		X	State only.	Unit 002

FDEP Rule	GULF POWER - CRIST UNIT 2 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-204.800	14. 40 CFR 60.110b Subpart Kb, Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984.	0330045		X	State only.	Unit 002
	29. 40 CFR 60.250 Subpart Y, Coal Preparation Plants.	0330045		X	State only.	Unit 002
	37. 40 CFR 60.330 Subpart GG, Stationary Gas Turbines.	0330045		X	State only.	Unit 002
	62. 40 CFR 60.670 Subpart OOO, Non-Metallic Mineral Processing Plants.	0330045		X	State only.	Unit 002
62-204.800(7)	(c) The Standards of Performance for New Stationary Sources adopted by reference in this section shall be controlling over other standards in this chapter except that any emissions limiting standard contained in or determined pursuant to this chapter which is more stringent than one contained in a Standard of Performance, or which regulates emissions of pollutants or emissions units not regulated by an applicable Standard of Performance, shall apply.	0330045		X	State only.	Unit 002
	(7)(d) General Provisions Adopted.	0330045		X	State only.	Unit 002
	(7)(e) Appendices Adopted. The following appendices of 40 CFR Part 60, revised as of July 1, 1994 or later as specifically indicated, are adopted and incorporated by reference.	0330045		X	State only.	Unit 002
	1. 40 CFR 60 Appendix A, Test Methods, are adopted by reference.	0330045		X	State only.	Unit 002
	2. 40 CFR 60 Appendix B, Performance Specifications.	0330045		X	State only.	Unit 002
	3. 40 CFR 60 Appendix C, Determination of Emission Rate Change.	0330045		X	State only.	Unit 002
	5. 40 CFR 60 Appendix F, Quality Assurance Procedures.	0330045		X	State only.	Unit 002
62-204.800(8)	National Emission Standards for Hazardous Air Pollutants (NESHAPS).					
	(8) Standards Adopted.	0330045		X	State only.	Unit 002
	(b)8. 40 CFR Part 61 Subpart M Asbestos.	0330045	✓		State only.	Unit 002

FDEP Rule	GULF POWER - CRIST UNIT 2 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-204.800(8)	(d) General Provisions Adopted. The general provisions of 40 CFR Part 61 Subpart A, revised July 1, 1994, are adopted and incorporated by reference except 40 CFR 61.04, 40 CFR 61.08, 40 CFR 61.11, and 40 CFR 61.18.	0330045	✓		State only.	Unit 002
62-204.800(9)	National Emission Standards for Hazardous Air Pollutants (NESHAPS) - Part 63.					
	(9) Standards Adopted.	0330045		×	State only.	Unit 002
	(b) 40 CFR 63 Subpart Q Chromium Emissions from Industrial Process Cooling Towers*	0330045		×	State only. *This regulation was proposed for incorporation in the FAW on March 8, 1996; not yet "effective" on state level.	Unit 002
	(a) 40 CFR 63 Subpart T Halogenated Solvent Cleaning*	0330045		×	State only. *This regulation was proposed for incorporation in the FAW on March 8, 1996; not yet "effective" on state level.	Unit 002
	(d) General Subparts Adopted.	0330045		×	State only.	Unit 002
	1. 40 CFR 63 Subpart A, General Provisions	0330045		×	State only.	Unit 002
	2. 40 CFR 63 Subpart B, Equivalent Emission Limitation by Permit (112(j))	0330045		×	State only.	Unit 002
	4. 40 CFR 63 Subpart D, Compliance Extensions for Early Reductions	0330045		×	State only.	Unit 002
62-204.800 (11)	Adoption of 40 CFR 70, Federal Title V Rule	0330045	✓		State only.	Facility
62-204.800 (12)	Adoption of 40 CFR 72, Federal Acid Rain Program	0330045	✓		State only.	Unit 002
62-204.800 (13)	Adoption of 40 CFR 73, S02 Allowance System	0330045	✓		State only.	Unit 002
62-204.800 (14)	Adoption of 40 CFR 75; CEMS	0330045	✓		State only.	Unit 002
62-204.800 (15)	Adoption of 40 CFR 76, Acid Rain Nox Requirement	0330045		×	No NOx Std.for Gas units	Unit 002
62-204.800 (16)	Adoption of 40 CFR 77, Acid Rain Excess Emissions	0330045	✓		Applicable in Phase II	Unit 002

FDEP Rule	GULF POWER - CRIST UNIT 2 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-204.800 (19)	Adoption of 40 CFR 82, Stratospheric Ozone	0330045		×	State only.	Unit 002/ Facility
Chapter 62-210 Stationary Sources - General Requirements						
62-210.300	Permits Required.					
	(2) Air Operation Permits. except(b)	0330045	✓			Facility
	(3)(a) Exemptions - #1-29.	0330045	✓			Facility
	(3)(b) Temporary Exemptions.	0330045	✓			Facility
62-210.300	(5) Notification of Startup. The owners or operator of any emissions unit or facility which has a valid air operation permit which has been shut down more than one year, shall notify the Department in writing of the intent to start up such emissions unit or facility, a minimum of 60 days prior to the intended startup date.	0330045	✓		May apply in the future.	Facility
	(a) The notification shall include information as to the startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.	0330045	✓		May apply in the future.	Facility
	(b) If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Department as soon as possible after the date of such startup is ascertained.	0330045	✓		May apply in the future.	Facility
62-210.370	Reports.					
	(1) Notification of Intent to Relocate Air Pollutant Emitting Facility.	0330045		×		Unit 002
	(3) Annual Operating Report for Air Pollutant Emitting Facility.	0330045	✓			Facility
62-210.650	Circumvention.	0330045	✓			Unit 002
62-210.700	Excess Emissions.	0330045	✓			Unit 002
62-210.900	Forms and Instructions.	0330045	✓			Facility
	(5) Annual Operating Reports	0330045	✓			Facility
Chapter 62-213 Operation Permits for Major Sources of Air Pollution						

**GULF POWER - CRIST UNIT 2
FDEP APPLICABLE REQUIREMENTS LIST**

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-213.205	Annual Emissions Fee.	0330045	✓			Facility
62-213.400	Permits and Permit Revisions Required.	0330045	✓			Facility
62-213.410	Changes Without Permit Revision.	0330045	✓			Facility
62-213.415	Trading of Emissions Within a Source.	0330045	✓		May apply in the future.	Unit 001/ Facility
62-213.460	Permit Shield.	0330045	✓			Facility
Chapter 62-214 Requirements for Sources Subject to the Federal Acid Rain Program						
62-214.300	Applicability.	0330045	✓			Unit 002
62-214.340	Exemptions.					
	(5) The owners and operators of each unit . . .	0330045	✓			Unit 002
	(6) A new unit shall no longer be exempted . . .	0330045		×		Unit 002
	(7) A retired unit shall no longer be exempted . . .	0330045	✓			Unit 002
62-214.350	Certification.	0330045	✓			Unit 002
62-214.430	Implementation and Termination of Compliance Options. Procedures for activation and termination of compliance options.					
	(1) Activation.	0330045	✓			Unit 002
	(2) Termination.	0330045	✓			Unit 002
Chapter 62-252 Gasoline Vapor Control						
62-252.300	Gasoline Dispensing Facilities - Stage I Vapor Recovery.					
	(2) Prohibition.	0330045		×		Facility
	(3) Control Technology Requirements.	0330045		×		Facility
	(4) Compliance Schedule.	0330045		×	State Only	Facility
62-252.400	Gasoline Dispensing Facilities - Stage II Vapor Recovery.					
	(2) Prohibition.	0330045		×	State Only	Facility

GULF POWER - CRIST UNIT 2 FDEP APPLICABLE REQUIREMENTS LIST						
FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(3) Control Technology Requirements.	0330045		X	State Only	Facility
	(4) Compliance Schedules.	0330045		X	State Only	Facility
	(5) Testing.	0330045		X	State Only	Facility
	(6) Recordkeeping.	0330045		X	State Only	Facility
	(7) System Maintenance.	0330045		X	State Only	Facility
62-252.400	(8) Training.	0330045		X	State Only	Facility
62-252.500	Gasoline Tanker Trucks.					
	(2) Prohibitions.	0330045		X	State Only	Facility
	(3) Leak Testing.	0330045		X	State Only	Facility
Chapter 62-256 Open Burning and Frost Protection Fires						
62-256.300	Prohibitions.	0330045	✓		State Only	Facility
62-256.450	Burning for Cold or Frost Protection.	0330045		X	State Only	Facility
62-256.500	Land Clearing.	0330045	✓		State Only	Facility
62-256.600	Industrial, Commercial, Municipal, and Research Open Burning.	0330045	✓		State Only	Facility
62-256.700	Open Burning Allowed.	0330045	✓		State Only	Facility
Chapter 62-257 Asbestos Removal						
62-257.301	Notification Procedure and Fee.	0330045	✓		State Only	Facility
62-257.400	Fee Schedule.	0330045	✓		State Only	Facility
62-257.900	Form.	0330045	✓		State Only	Facility
Chapter 62-281 Motor Vehicle Air Conditioning Refrigerant Recovery and Recycling.						
62-281.300	Applicability.	0330045		X	State Only	Facility
62-281.400	Compliance Requirements.	0330045		X	State Only	Facility
62-281.500	Establishment Certification.					

GULF POWER - CRIST UNIT 2 FDEP APPLICABLE REQUIREMENTS LIST		Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
FDEP Rule	FDEP Title		Yes	No/NA		
	(1) Initial Certification.	0330045		X	State Only	Facility
	(2) Renewal Certification.	0330045		X	State Only	Facility
	(3) Fees.	0330045		X	State Only	Facility
	(4) Certificate of Compliance.	0330045		X	State Only	Facility
62-281.600	Training Requirements.	0330045		X	State Only	Facility
62-281.700	Equipment Certification.	0330045		X	State Only	Facility
62-281.900	Forms.	0330045		X	State Only	Facility
Chapter 62-296 Stationary Sources -- Emission Standards						
62-296.320	General Pollutant Emission Limiting Standards.					
	(1) Volatile organic compounds emissions or organic solvents emissions.	0330045	✓			Facility
	(2) Objectionable Odor Prohibited.	0330045	✓			Facility
	(3) Open Burning.	0330045	✓		State Only	Facility
	(4)(a) Process Weight Table.	0330045		X		Unit 002
	(4)(b) General Visible Emissions Standard.	0330045	✓			Facility
	(4)(c) Unconfined Emissions of Particulate Matter.	0330045	✓			Facility
62-296.405	Fossil Fuel Steam Generators with More than 250 Million Btu per Hour Heat Input.					
	(1) Existing Emissions Units.					
	(a) Visible emissions.	0330045	✓			Unit 002
	(b) Particulate Matter - 0.1 pound per million Btu heat input, as measured by applicable compliance methods.	0330045	✓		Testings only if operated more than 400 hours on oil.	Unit 002
	(c) Sulfur Dioxide, as measured by applicable compliance methods.	0330045	✓			Unit 002
	1.e. Sources burning liquid fuel.	0330045	✓		1.98 lbs/MBTU	Unit 002
	2. Sources burning solid fuel.	0330045		X		Unit 002

GULF POWER - CRIST UNIT 2 FDEP APPLICABLE REQUIREMENTS LIST						
FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	3. Owners of fossil fuel steam generators shall monitor their emissions and the effects of the emissions on ambient concentrations of sulfur dioxide, in a manner, frequency, and locations approved, and deemed reasonably necessary and ordered by the Department.	0330045	✓		Not currently listed in permit. No notice deemed necessary to plant.	Unit 002
	(d) Nitrogen Oxides (expressed as NO _x).	0330045		×		Unit 002
62-296.405	(e) Test Methods and Procedures.	0330045	✓		Presumably federally enforceable.	Unit 002
	(f) Continuous Emissions Monitoring Requirements.	0330045		×	Gas/Oil fired Unit	Unit 002
	(g) Quarterly Reporting Requirements.	0330045		×	Gas/Oil fired Unit	Unit 002
	(2) New Emissions Units.					
	(a) Visible Emissions - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a	0330045		×		Unit 002
	(b) Particulate Matter - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a	0330045		×		Unit 002
	(c) Sulfur Dioxide - See Rule 62-204.800(7) and 40 CFR 60.43 and 60.43a	0330045		×		Unit 002
	(d) Nitrogen Oxides - See Rule 62-204.800(7) and 40 CFR 60.44 and 60.44a	0330045		×		Unit 002
62-296.406	Fossil Fuel Steam Generators with Less than 250 Million Btu per Hour Heat Input, New and Existing Emissions Units.					
	(1) Visible Emissions	0330045		×		Unit 002
	(2) Particulate Matter - Best available control technology in accordance with Rule 62-210.200(40)	0330045		×		Unit 002
	(3) Sulfur Dioxide - Best available control technology in accordance with Rule 62-210.200(40)	0330045		×		Unit 002
62-296.411	Sulfur Storage and Handling Facilities	0330045		×		Unit 002
62-296.500	Reasonably Available Control Technology (RACT) - Volatile Organic Compounds (VOC) and Nitrogen Oxides (NO _x) Emitting Facilities.					
	(1) Applicability.	0330045		×		Unit 002

FDEP Rule	GULF POWER - CRIST UNIT 2 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(2) Permit, Recordkeeping, and Compliance Reporting Requirements.	0330045		X		Unit 002
	(a) Permits - Special Considerations.	0330045		X		Unit 002
	(b) Recordkeeping.	0330045		X		Unit 002
62-296.500	(c) Reporting.	0330045		X		Unit 002
	(3) Exceptions.	0330045		X		Unit 002
	(4) Consideration of Exempt Solvents	0330045		X		Unit 002
	(5) Compliance may be demonstrated for surface coating and graphic arts facilities on a 24-hour weighted average basis for a single source point with a single emission limit.	0330045		X		Unit 002
62-296.508	Petroleum Liquid Storage					
	(1) Applicability.	0330045		X		Unit 002
	(2) Control Technology.	0330045		X		Unit 002
	(3) Test Methods and Procedures.	0330045		X		Unit 002
62-296.511	Solvent Metal Cleaning.					
	(1) Applicability.	0330045		X		Unit 002
	(2) Cold Cleaning Control Technology.	0330045		X		Unit 002
	(3) Open Top Vapor Degreaser Control Technology.	0330045		X		Unit 002
	(4) Conveyorized Degreaser Control Technology.	0330045		X		Unit 002
	(5) Test Methods and Procedures.	0330045		X	* 8-hr test requirement not in SIP.	Unit 002
62-296.516	Petroleum Liquid Storage Tanks with External Floating Roofs					
	(1) Applicability.	0330045		X		Unit 002
	(2) Control Technology.	0330045		X		Unit 002
	(3) Test Methods and Procedures.	0330045		X		Unit 002

FDEP Rule	GULF POWER - CRIST UNIT 2 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-296.570	Reasonably Available Control Technology (RACT) - Requirements for Major VOC- 0330045 and NO _x - Emitting Facilities.					
	(1) Applicability.	0330045		×	State Only	Unit 002
	(2) Compliance Requirements.	0330045		×	State Only	Unit 002
62-296.570	(3) Operation Permit Requirements.	0330045		×	State Only	Unit 002
	(4) RACT Emission Limiting Standards.	0330045		×	State Only	Unit 002
	(a) Compliance Dates and Monitoring.	0330045		×	State Only	Unit 002
	(b) Emission Limiting Standards.	0330045		×	State Only	Unit 002
	(c) Exception for Startup, Shutdown or Malfunction.	0330045		×	State Only	Unit 002
62-296.700	Reasonably Available Control Technology (RACT) Particulate Matter.					
	(1) Applicability.	0330045		×		Unit 002
	(2) Exemptions.	0330045		×		Unit 002
	(3) Specific RACT Emission Limiting Standards for Stationary Emissions Units.	0330045		×		Unit 002
	(4) Maximum Allowable Emission Rates.	0330045		×		Unit 002
	(a) Emissions Unit Data.	0330045		×		Unit 002
	(b) Maximum Emission Rates.	0330045		×		Unit 002
	(5) Circumvention.	0330045		×		Unit 002
	(6) Operation and Maintenance Plan.	0330045		×		Unit 002
	(a) Air Pollution Control Devices and Collection Systems.	0330045		×		Unit 002
	(b) Control Equipment Data.	0330045		×		Unit 002
	(c) Processing or Materials Handling Systems.	0330045		×		Unit 002
	(d) Fossil Fuel Steam Generators.	0330045		×		Unit 002
62-296.702	Fossil Fuel Steam Generators.					

FDEP Rule	GULF POWER - CRIST UNIT 2 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	2. Opacity Compliance Tests.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(b) Minimum Sample Volume.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(c) Required Flow Rate Range.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(d) Calibration.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(e) EPA Method 5.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(5) Determination of Process Variables.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(6) Required Stack Sampling Facilities					
	(a) Permanent Test Facilities.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(b) Temporary Test Facilities.	0330045		×	Applicable if operated more than 400 hours on oil.	Unit 002
	(c) Test Facilities.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
62-297.310	1. Sampling Ports.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(d) Work Platforms.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(e) Access.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(f) Electrical Power.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(g) Sampling Equipment Support.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002

FDEP Rule	GULF POWER - CRIST UNIT 2 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(1) Applicability.	0330045		×		Unit 002
	(2) Emission Limitations.	0330045		×		Unit 002
	(a) Particulate Matter - 0.10 lb/mmBtu	0330045		×		Unit 002
62-296.711	(b) Visible Emissions - 20% opacity.	0330045		×		Unit 002
	(3) Test Methods and Procedures.	0330045		×		Unit 002
Materials Handling, Sizing, Screening, Crushing and Grinding Operations.						
	(1) Applicability	0330045		×		Unit 002
	(2) Emission Limitations.	0330045		×		Unit 002
	(3) Test Methods and Procedures.	0330045		×		Unit 002
Chapter 62-297 Stationary Sources -- Emission Monitoring						
62-297.310	General Test Requirements.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(1) Required Number of Test Runs	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(2) Operating Rate During Testing	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(3) Calculation of Emission Rate	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(4) Applicable Test Procedures.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(a) Required Sampling Time.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002

FDEP Rule	GULF POWER - CRIST UNIT 2 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(7) Frequency of Compliance Tests.					
	(a) General Compliance Testing.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	1. Compliance test requirement prior to obtaining operating permit.	0330045		×	Applicable if operated more than 400 hours on oil.	Unit 002
	2. Annual test requirement for excess PM emissions.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	3. Annual test requirement prior to obtaining renewal permit.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	4.(a) Annual VE test,	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	(b) Annual test for lead, acrylonitride and other regulated pollutants,	0330045		×		Unit 002
	(c) Annual test for each NESHAP pollutant	0330045		×		Unit 002
	5. No annual PM test required if burn no liquid and/or solid fuel for greater than 400 hrs/year.	0330045	✓			Unit 002
	6. Exemption from semi-annual PM test for steam generators.	0330045		×		Unit 002
	7. Exemption from quarterly PM test for units not utilizing liquid and/or solid fuel for more than 100 hrs.	0330045		×		Unit 002
	8. Five year VE test requirement for units that operate no more than 400 hrs/year.	0330045		×		Unit 002
	9. Fifteen day advance notification requirement prior to test.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002
	10. Compliance test exemption for exempt units and units utilizing a general permit.	0330045		×		Unit 002
62-297.310	(b) Special Compliance Tests.	0330045	✓		Applicable upon any complaint.	Unit 002
	(c) Waiver of Compliance Test Requirement.	0330045		×		Unit 002

GULF POWER - CRIST UNIT 2 FDEP APPLICABLE REQUIREMENTS LIST						
FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(8) Test Reports.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 002

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	Stack
2. Emission Point Type Code :	2
3. Descriptions of Emission Points Comprising this Emissions Unit :	
Single common stack shared by units 1,2,3 4 and 5.	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	
Crist Plant Unit 1 - ARMS # 001 Crist Plant Unit 2 - ARMS # 002 Crist Plant Unit 3 - ARMS # 003 Crist Plant Unit 4 - ARMS # 004 Crist Plant Unit 5 - ARMS # 005	
5. Discharge Type Code :	V
6. Stack Height :	450 feet
7. Exit Diameter :	18.0 feet
8. Exit Temperature :	290 °F
9. Actual Volumetric Flow Rate :	802500 acfm
10. Percent Water Vapor :	9.00 %
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	feet
13. Emission Point UTM Coordinates :	
Zone : 16	East (km) : 478.600
	North (km) : 3381.300
14. Emission Point Comment :	

III. Part 7a - 1

Common stack with Units 1- 5
Latitude/Longitude: 30- 33'- 58"/ 87- 13'- 44"

III. Part 7a - 2

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with natural gas. Emissions related to million cubic feet gas consumed.	
2. Source Classification Code (SCC) : 1-01-006-01	
3. SCC Units : Million Cubic Feet Burned (all gaseous fuels)	
4. Maximum Hourly Rate : 0.32	5. Maximum Annual Rate : 2,803.00
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 0.01	8. Maximum Percent Ash : 0.00
9. Million Btu per SCC Unit : 1,000	
10. Segment Comment : Unit considered primarily a natural gas fired unit under EPA Title IV definitions.	

320 million Btu

III. Part 8 - 1

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Segment Description and Rate : Segment 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with #2 fuel oil and "on-spec." used oil. Emissions related to thousand gallons burned.	
2. Source Classification Code (SCC) : 1-01-005-01	
3. SCC Units : Thousand Gallons Burned (all liquid fuels)	
4. Maximum Hourly Rate : 2.34	5. Maximum Annual Rate : 20,454.60
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 0.50	8. Maximum Percent Ash : 0.10
9. Million Btu per SCC Unit : 138	
10. Segment Comment : Heat content for #2 fuel ranges from 137,000 to 141,000 BTU/gallon. Average MBTU/SCC is 138,000.	

III. Part 8 - 2

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Segment Description and Rate : Segment 3

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with #6 fuel oil. Emissions related to thousand gallons burned.	
2. Source Classification Code (SCC) : 1-01-004-01	
3. SCC Units : Thousand Gallons Burned (all liquid fuels)	
4. Maximum Hourly Rate : 2.34	5. Maximum Annual Rate : 20,454.60
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 1.50	8. Maximum Percent Ash : 0.10
9. Million Btu per SCC Unit : 150	
10. Segment Comment : Heat content for #6 fuel ranges form 137,000 to 150,000 BTU/gallon.	

III. Part 8 - 3

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

Emissions Unit Information Section 2
Crist Plant Unit 2 Electric Utility boiler

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
SO2			EL
SAM			NS
NOX			NS
CO			NS
PM			EL
PM10			NS
VOC			NS
H015			NS
H021			NS
H027			NS
H046			NS
PB			NS
H113			NS

III. Part 9a - 1

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

Emissions Unit Information Section 2
Crist Plant Unit 2 Electric Utility boiler

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
H114			NS
H133			NS
H047			NS
H017			NS
H169			NS
H162			NS
HCL			NS
H107			NS
DIOX			NS
H014			NS
H161			NS
H151			NS
H095			NS

III. Part 9a - 2

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2
 Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted :	SO2		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	549.90	lb/hour	2,408.50 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			to tons/year
6. Emissions Factor : Reference : AP-42			
7. Emissions Method Code :	3		
8. Calculations of Emissions :	<p>[157(S%) lb/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]= 2408.53 tons/yr @ 1.5% S Source-- AP-42 for # 6 Oil.</p>		
9. Pollutant Potential/Estimated Emissions Comment :	<p>The allowable emissions of this pollutant is 1.98 lbs/mmbtu heat input</p>		

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2
 Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted :	SAM		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	24.46	lb/hour	107.13 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor : Reference : AP-42			
7. Emissions Method Code :	3		
8. Calculations of Emissions :	<p>[6.983(S%) lb/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]= 107.13 tons/yr source-- AP-42</p>		
9. Pollutant Potential/Estimated Emissions Comment :			

III. Part 9b - 2

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 3

1. Pollutant Emitted :	NOX		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	176.00	lb/hour	770.88 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			to tons/year
6. Emissions Factor : Reference : AP-42			
7. Emissions Method Code :	3		
8. Calculations of Emissions :	<p>[550 lb/mmcf] [.32 mmcf/hr] [8760 hr/yr] [1/2000]=770.88 tons/yr Source-- AP-42</p>		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2
Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 4

1. Pollutant Emitted :	CO		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	12.80	lb/hour	56.06 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to		tons/year
6. Emissions Factor : Reference : AP-42			
7. Emissions Method Code :	3		
8. Calculations of Emissions : [40 lb/mmcf] [.32 mmcf/hr] [8760 hr/yr] [1/2000]=56.06 tons/yr Source-- AP-42			
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 5

1. Pollutant Emitted :	PM		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	32.00	lb/hour	140.16 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference :			
7. Emissions Method Code :	0		
8. Calculations of Emissions :	.1 lb/MBTU * 320 MBTU/hr = 32 lb/hour		
9. Pollutant Potential/Estimated Emissions Comment :	The maximum allowable emissions of this pollutant is 0.1 lb/mmbtu heat input. Also limited to 20% opacity. Rule 17-296.405		

III. Part 9b - 5

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2
 Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 6

1. Pollutant Emitted :	PM10		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	28.19	lb/hour	123.48 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : AP-42 & Fire			
7. Emissions Method Code :	3		
8. Calculations of Emissions :	$[9.19(S\%)+3.22*.71 \text{ lb/kgals}] [2.335 \text{ kgals/hr}] [8760 \text{ hr/yr}] [1/2000]=123.48 \text{ tons/yr}$ Source-- AP-42 & fire		
9. Pollutant Potential/Estimated Emissions Comment :	The maximum allowable emissions of this pollutant is 0.1 lb/mmbtu heat input. Also limited to 20% opacity . Rule 17-296.405		

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2
 Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 7

1. Pollutant Emitted :	VOC		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	1.77	lb/hour	7.77 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : Fire			
7. Emissions Method Code :	3		
8. Calculations of Emissions :	[.76 lb/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=7.7727 tons/yr Source-- Fire		
9. Pollutant Potential/Estimated Emissions Comment :			

III. Part 9b - 7

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 8

1. Pollutant Emitted :	H015
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	0.00 lb/hour 0.01 tons/year
4. Synthetically Limited? [] Yes [X] No	
5. Range of Estimated Fugitive/Other Emissions:	to tons/year
6. Emissions Factor : Reference : SR	
7. Emissions Method Code :	5
8. Calculations of Emissions :	[.00083 lb arsenic/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.008488 tons/yr Source-- SR
9. Pollutant Potential/Estimated Emissions Comment :	

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 9

1. Pollutant Emitted :	H021	
2. Total Percent Efficiency of Control :		%
3. Potential Emissions :	0.00 lb/hour	0.00 tons/year
4. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive/Other Emissions:	to	tons/year
6. Emissions Factor :	Reference : SR	
7. Emissions Method Code :	5	
8. Calculations of Emissions :	<p>[.00003 lb beryllium/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]= .0003068 tons/yr Source-- SR</p>	
9. Pollutant Potential/Estimated Emissions Comment :		

III. Part 9b - 9

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2
 Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 10

1. Pollutant Emitted :	H027		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.00 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.000195 lb cadmium/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.001994 tons/yr Source-- SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2
 Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 11

1. Pollutant Emitted :	H046		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.01 tons/year
4. Synthetically Limited?	[<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : SR		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00078 lb chromium/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]= .007977 tons/yr Source-- SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2
 Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 12

1. Pollutant Emitted :	PB		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.01 tons/year
4. Synthetically Limited? [<input type="checkbox"/>] Yes [X <input checked="" type="checkbox"/>] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : SR Def			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	$[.0012549 \text{ lb/kgals}] [2.335 \text{ kgals/hr}] [8760 \text{ hr/yr}] [1/2000]=.0128 \text{ tons/yr}$ Source--SR Def		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 13

1. Pollutant Emitted :	H113		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.02 tons/year
4. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : SR		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00195 lb manganese/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.01994 tons/yr Source--SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 14

1. Pollutant Emitted :	H114		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.00 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : MTF			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00015 lb mercury/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.001534 tons/yr Source--MTF		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 15

1. Pollutant Emitted :	H133		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.25	lb/hour	1.10 tons/year
4. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : SR		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.108 lb nickel/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=1.1045 tons/yr Source--SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 16

1. Pollutant Emitted :	H047		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.01	lb/hour	0.06 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			to tons/year
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00555 lb cobalt/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.05676 tons/yr Source--SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2
 Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 17

1. Pollutant Emitted :	H017		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.00 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.000165 lb benzene/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.00169 tons/yr Source--SR		
9. Pollutant Potential/Estimated Emissions Comment :			

**H. EMISSIONS: UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Emissions Unit Information: Section 2
Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 18

1. Pollutant Emitted :	H169		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.02 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.001485 lb toluene/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.01518 tons/yr Source--SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2
 Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 19

1. Pollutant Emitted :	H162		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.00 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.0003 lb selenium/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.003068 tons/yr Source-- SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 20

1. Pollutant Emitted :	HCL		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	2.33	lb/hour	10.21 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			to tons/year
6. Emissions Factor : Reference : GDW/Schimdt			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.997988 lb/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=10.2067 tons/yr Source-- GDW/Schimdt		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 21

1. Pollutant Emitted :	H107		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	1.97	lb/hour	8.62 tons/year
4. Synthetically Limited?	[] Yes [X] No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : GDW cal		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.842446 lb HF/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=8.616 tons/yr Source-- GDW cal		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 22

1. Pollutant Emitted :	DIOX		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.00 tons/year
4. Synthetically Limited? [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No			
5. Range of Estimated Fugitive/Other Emissions:			to tons/year
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00000000125 lb/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.0000000127 tons/yr Source-- SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 23

1. Pollutant Emitted :	H014		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.01	lb/hour	0.05 tons/year
4. Synthetically Limited?	[<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : AP-42		
7. Emissions Method Code :	3		
8. Calculations of Emissions :	[.00525 lb antimony/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.05369 tons/yr Source-- AP-42		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 24

1. Pollutant Emitted :	H161	
2. Total Percent Efficiency of Control :	%	
3. Potential Emissions :	lb/hour	tons/year
4. Synthetically Limited? [] Yes [X] No		
5. Range of Estimated Fugitive/Other Emissions:	to	tons/year
6. Emissions Factor : Reference : EPRI SR		
7. Emissions Method Code :	2	
8. Calculations of Emissions :	1.9 pCi radionuclides/g particulate 1.9 (454 g/lb) (32 lb particulate/hr) = 27603.2 pCi/hr 1.9 (454) (32) (8760 hr/yr) = 241804032 pCi/yr	
9. Pollutant Potential/Estimated Emissions Comment :	Source; EPRI Synthesis Report This pollutant not measured in lb/hr or ton/yr.	

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 25

1. Pollutant Emitted :	H151		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.01	lb/hour	0.03 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			to tons/year
6. Emissions Factor : Reference : Rad			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	<p>[.0031725 lb POM/kgals] [2.335 kgals/hr] [8760 hr/yr] [1/2000]=.03246 tons/yr Source-- Rad</p>		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2
 Crist Plant Unit 2 Electric Utility boiler

Pollutant Potential/Estimated Emissions : Pollutant 26

1. Pollutant Emitted :	H095		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.01	lb/hour	0.03 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : EPRI SR			
7. Emissions Method Code :	2		
8. Calculations of Emissions :	.00282 formaldehyde lbs/kgals .00282 (2.335 kgals/hr) = .007 HCOH lbs/hr .00282 (2.335) (8760 hr/yr) (1ton/2000lbs) = .029 tons/yr		
9. Pollutant Potential/Estimated Emissions Comment :	Source; EPRI Synthesis Report		

Emissions Unit Information Section 2
Crist Plant Unit 2 Electric Utility boiler

Pollutant Information Section 1

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :			
3. Requested Allowable Emissions and Units :	1.98	lbs/mmBtu	
4. Equivalent Allowable Emissions :	633.60	lb/hour	2,775.17 tons/year
5. Method of Compliance :	Low sulfur fuel & annual testing when oil burned >400 hours.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Rule: 62-296.405(1)(c)1.e.		

III. Part 9c - 1

Emissions Unit Information Section 2
Crist Plant Unit 2 Electric Utility boiler

Pollutant Information Section 5

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :			
3. Requested Allowable Emissions and Units :	0.10	lbs/mmBtu	
4. Equivalent Allowable Emissions :	32.00	lb/hour	140.16 tons/year
5. Method of Compliance :	Proper combustion & annual testing when oil burned >400 hrs.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Rule: 62-296.405(1)(b)		

III. Part 9c - 2

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 2
Crist Plant Unit 2 Electric Utility boiler

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	VE									
2. Basis for Allowable Opacity :	RULE									
3. Requested Allowable Opacity :	<table style="margin-left: auto; margin-right: auto;"><tr><td style="padding: 0 20px;">Normal Conditions :</td><td style="padding: 0 10px;">20</td><td style="padding: 0 10px;">%</td></tr><tr><td style="padding: 0 20px;">Exceptional Conditions :</td><td style="padding: 0 10px;">40</td><td style="padding: 0 10px;">%</td></tr><tr><td style="padding: 0 20px;">Maximum Period of Excess Opacity Allowed :</td><td style="padding: 0 10px;">2</td><td style="padding: 0 10px;">min/hour</td></tr></table>	Normal Conditions :	20	%	Exceptional Conditions :	40	%	Maximum Period of Excess Opacity Allowed :	2	min/hour
Normal Conditions :	20	%								
Exceptional Conditions :	40	%								
Maximum Period of Excess Opacity Allowed :	2	min/hour								
4. Method of Compliance :	Annual Method #9 Test; Rule: 62-296.405(1)(e)1.									
5. Visible Emissions Comment :	Rule: 62-296.405(1)(a)									

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Emissions Unit Information Section 4
Plant Lansing Smith Material Handling Activities

Rule Applicability Analysis

NA

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 2
Crist Plant Unit 2 Electric Utility boiler

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : NOX	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : TECO Model Number : 42D Serial Number : 42D-44171-270	
5. Installation Date :	31-Jul-1994
6. Performance Specification Test Date :	24-Aug-1994
7. Continuous Monitor Comment : Spectrum Systems model 300 dilution monitoring systems uses Siemens and TECO analyzers. CEM system for Unit 2 is a shared system for Crist 1-2-3. CEM required under Title IV 40 CFR Part 75.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : CO2	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Siemens Model Number : ULTRAMAT 5E Serial Number : C6-196	
5. Installation Date :	31-Jul-1994
6. Performance Specification Test Date :	24-Aug-1994
7. Continuous Monitor Comment : Spectrum Systems Model 300 Dilution Monitoring System uses Siemens and TECO analyzers. Crist Unit 2 system is a shared system with Crist 1-2-3. CEM required under Title IV 40 CFR Part 75.	

III. Part 11 - 2

**J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : EM	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Unit uses fuel flow and fuel analysis to calculate SO2 emissions. System is a Appendix D system under Title IV 40 CFR Part 75.	

Emissions Unit Information Section 4
Plant Lansing Smith Material Handling Activities

List of Applicable Regulations

Non-regulated emissions unit; No applicable regulations.

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Emissions Unit Information Section 4
Plant Lansing Smith Material Handling Activities

Rule Applicability Analysis

NA

K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

- [] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
- [] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
- [] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
- [] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
- [X] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

III. Part 12 - 1

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96

2. Increment Consuming for Nitrogen Dioxide?

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code :		
PM : U	SO2 : U	NO2 : U
4. Baseline Emissions :		
PM :	lb/hour	tons/year
SO2 :	lb/hour	tons/year
NO2 :		tons/year
5. PSD Comment :		

III. Part 12 - 2

Emissions Unit Information Section 4
Plant Lansing Smith Material Handling Activities

List of Applicable Regulations

Non-regulated emissions unit; No applicable regulations.

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 2

Crist Plant Unit 2 Electric Utility boiler

Supplemental Requirements for All Applications

1. Process Flow Diagram :	EUS2-1
2. Fuel Analysis or Specification :	EUS2-2
3. Detailed Description of Control Equipment :	NA
4. Description of Stack Sampling Facilities :	NA
5. Compliance Test Report :	NA
6. Procedures for Startup and Shutdown :	EUS2-6
7. Operation and Maintenance Plan :	NA
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statue :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	EUS2-10
11. Alterntive Modes of Operation (Emissions Trading) :	NA

III. Part 13 - 1

12. Identification of Additional Applicable Requirements :	EUS2-12								
13. Compliance Assurance Monitoring Plan :	NA								
14. Acid Rain Application (Hard-copy Required) : <table data-bbox="280 567 1404 819"> <tr> <td data-bbox="280 567 627 609">EUS2-14</td> <td data-bbox="627 567 1404 609">Acid Rain Part - Phase II (Form No. 62-210.900(1)(a))</td> </tr> <tr> <td></td> <td data-bbox="627 630 1404 672">Repowering Extension Plan (Form No. 62-210.900(1)(a)1.)</td> </tr> <tr> <td></td> <td data-bbox="627 693 1404 735">New Unit Exemption (Form No. 62-210.900(1)(a)2.)</td> </tr> <tr> <td></td> <td data-bbox="627 756 1404 798">Retired Unit Exemption (Form No. 62-210.900(1)(a)3.)</td> </tr> </table>		EUS2-14	Acid Rain Part - Phase II (Form No. 62-210.900(1)(a))		Repowering Extension Plan (Form No. 62-210.900(1)(a)1.)		New Unit Exemption (Form No. 62-210.900(1)(a)2.)		Retired Unit Exemption (Form No. 62-210.900(1)(a)3.)
EUS2-14	Acid Rain Part - Phase II (Form No. 62-210.900(1)(a))								
	Repowering Extension Plan (Form No. 62-210.900(1)(a)1.)								
	New Unit Exemption (Form No. 62-210.900(1)(a)2.)								
	Retired Unit Exemption (Form No. 62-210.900(1)(a)3.)								

III. Part 13 - 2

Unit 3

III. EMISSIONS UNIT INFORMATION

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 3

Crist Plant Unit 3 Electric Utility Boiler

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one :

- [X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
- [] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one :

- [X] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- [] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- [] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. Part 1 - 1



Lawton Chiles
Governor

Florida Department of Environmental Protection

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Virginia B. Wetherell
Secretary

PERMITTEE:

Gulf Power Company

I.D. Number: 10PEN17004501,02,03
Permit/Certification Number: AO17-249656
Date of Issue: May 19, 1994
Expiration Date: January 15, 1996
County: Escambia
Latitude/Longitude: 33°32'58"N/87°13'44"W
Project: Crist Boilers 1, 2, 3

This permit is issued under the provisions of Section 403.087, Florida Statutes, and Florida Administrative Code Rules 17-296, 17-297 and 17-4. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Operation of Boilers 1, 2, and 3 with maximum rated heat inputs of 320, 320, and 550 MMBtu/hour, respectively. These boilers are primarily fueled with natural gas, with fuel oil as a standby fuel. Emissions are generally controlled by proper combustion; when operating with fuel oil, SO₂ emissions are controlled by the sulfur content of the fuel oil.

Operation of this source shall be consistent with the operation permit application dated April 15, 1994.

Located at the Crist Plant, Governor's Bayou, north of Pensacola.

Specific Condition No. 2 establishes maximum allowable operating and testing rates.

Specific Condition No. 6 establishes emission limits.

Specific Condition No. 7 establishes compliance testing requirements.

Specific Condition No. 9 requires submission of an annual operation report.

Specific Condition No. 10 requires submission of a Major Air Pollution Source Annual Operation Fee Form.

Specific Condition No. 11 requires submission of a Title V renewal application.

PERMITTEE:
Gulf Power Company.

I.D. Number: 10PEN17004501,02,03
Permit/Certification Number: AO17-249656
Date of Issue: May 19, 1994
Expiration Date: January 15, 1996

SPECIFIC CONDITIONS:

General

1. The attached General Conditions are part of this permit. (FAC Rule 17-4.160)

Operation

2. The maximum allowable operating rates are 320, 320, and 550 MMBtu heat input per hour for Boiler 1, 2, and 3, respectively. These are the operating rates at which compliance with standards shall be demonstrated. Testing of emissions shall be conducted with the sources operating at capacity. Capacity is defined as 90 to 100% of rated capacity. If it is impracticable to test at capacity, then sources may be tested at less than capacity; if the sources are tested at less than capacity, subsequent source operation is limited to 110% of the test load until a new test is conducted. Once a unit is so limited, then operation at higher capacity is allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the Department. (FAC Rule 17-4.070)

3. The maximum hours of operation are 24 hours/day, 7 days/week, and 52 weeks/year. The Permittee shall maintain an operation log available for Department inspection certifying the total hours of operation annually. (Application dated April 15, 1994)

4. The maximum sulfur content of the back up fuel oil is limited to that percentage necessary to meet the SO₂ emission limit of 1.98 lbs/MMBtu heat input. The Permittee shall maintain a log available for Department inspection of the fuel oil sulfur content. (FAC Rule 17-4.070)

5. Satisfactory ladders, platforms, and other safety devices as well as necessary parts shall be provided, maintained, and made available as necessary to facilitate compliance inspections. (FAC Rule 17-297.345)

Emissions

6. The maximum allowable emission limit for each pollutant is as follows:

<u>Pollutant</u>	<u>FAC Rule</u>	<u>Allowable Emissions</u>
VE	17-296.405	20% opacity*
PM	17-296.405	0.1 lb/MMBtu heat input
SO ₂	17-296.405	1.98 lbs/MMBtu heat input

* except for one two-minute period/hour of up to 40% percent opacity

PERMITTEE:
Gulf Power Company

I.D. Number: 10PEN17004501,02,03
Permit/Certification Number: AO17-249656
Date of Issue: May 19, 1994
Expiration Date: January 15, 1996

SPECIFIC CONDITIONS:

Testing

7. Emissions tests for the following pollutants shall be performed between October 1 and November 30, in accordance with the test methods and frequency indicated, with notification to the Department 15 days prior to testing. The test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate. For good cause, the Permittee may request an extension of a compliance test due date. However, inadequate planning of testing does not constitute good cause for an extension of the compliance test due date. The test report documentation must be submitted to the Department within 45 days after completion of testing.

<u>Pollutant</u>	<u>Frequency</u>	<u>Test Method</u>	<u>Reference</u>
VE	annually	DEP No. 9	FAC Rule 17-296.405
	annually during excess emissions when applicable	DEP No. 9	
PM	annually	EPA No. 5	FAC Rule 17-296.405
	annually during excess emissions when applicable	EPA No. 5	FAC Rule 17-296.405

No particulate emissions test is required in any year during which the specific source did not burn fuel oil for more than 400 hours other than during startup.

The VE test shall be for a duration of sixty minutes and shall be conducted during one of the P.M. test runs if a P.M. test is conducted. Test reports shall comply with F.A.C. Rule 17-297.570, Test Reports. The Department can require special compliance tests in accordance with F.A.C. Rule 17-297.340(2).

Administrative

8. Boilers 1, 2, 3, 4 and 5 use a common stack. Visible emissions violations from this stack shall be attributed to all boilers unless the opacity meter results identify the specific boiler causing the excess visible emissions.

9. An annual operation report [DEP Form 17-210.900(4) attached] shall be submitted by March 1 each year. The attached form shall be reproduced by the Permittee and used for future annual submittals. (FAC Rule 17-210.370)

PERMITTEE:

Gulf Power Company

I.D. Number: 10PEN17004501,02,03
Permit/Certification Number: AO17-249656
Date of Issue: May 19, 1994
Expiration Date: January 15, 1996

SPECIFIC CONDITIONS:

10. In accordance with F.A.C. Rule 17-213, a Major Air Pollution Source Annual Operation Fee Form [DEP Form 17-213.900(11) attached] must be completed and submitted with appropriate fee between January 15 and March 1 of each year. If the Department has not received the fee payment by March 1, the Department shall impose, in addition to the fee, a penalty of 50 percent of the amount of the fee, plus interest on such amount computed in accordance with s.220.807, Florida Statutes. The Department may revoke any major air pollution source operation permit if it finds that the permit holder has failed to pay timely and required annual operation license fee, penalty or interest. The attached form shall be reproduced by the Permittee and used for future annual submittals. The completed form and appropriate fees must be submitted to the Department of Environmental Protection, Title V (Facility I.D. Number), 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

11. An application to renew this permit shall be submitted as required for a Title V permit. (FAC Rule 17-210)

12. The permanent source identification numbers for these point sources are:

10PEN17004501 - Boiler 1
10PEN16004502 - Boiler 2
10PEN17004503 - Boiler 3

Please cite these numbers on all test reports and other correspondence specific to these permitted point sources. (FAC Rule 17-297.570)

13. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (904) 444-8300, day or night, and for emergencies involving a significant threat to human health or the environment is (904) 488-1320. For routine business, use telephone number (904) 444-8300 during normal working hours. (FAC Rule 17-210.700)

Expiration Date:

January 15, 1996

Issued this 17th day of May, 1994.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


BOBBY A. COOLEY
District Director

PERMITTEE:
Gulf Power Company.

I.D. Number: 10PEN17004501,02,03
Permit/Certification Number: AO17-249656
Expiration Date: January 15, 1996

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 403.141, 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. Nor 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 does not constitute 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 acknowledgment 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.

6. The Permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the Permittee to achieve compliance with the conditions of this permit, are 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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

a. Having access to and copying any records that must be kept under the conditions of this permit;

b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and,

PERMITTEE:
Gulf Power Company.

I.D. Number: 10PEN17004501,02,03
Permit/Certification Number: AO17-249656
Expiration Date: January 15, 1996

GENERAL CONDITIONS:

c. Sampling or monitoring 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 noncompliance; and

b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. 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 as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with 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 17-730.300, as applicable. The Permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. 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

PERMITTEE:
Gulf Power Company

I.D. Number: 1OPEN17004501,02,03
Permit/Certification Number: AO17-249656
Expiration Date: January 15, 1996

GENERAL CONDITIONS:

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, 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 measurement;
- the person responsible for performing the sampling or measurement;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. 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 the 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.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

In the matter of an
Application for Permit
By:

DEP File No. AO17-249656
Escambia County

M. L. Gilchrist
Manager of Fuel & Environmental Affairs
Gulf Power Company
Post Office Box 1151
Pensacola, Florida 32520-0328

Enclosed is Permit Number AO17-249656 to operate Crist Boiler Units 1, 2, and 3, issued pursuant to Section 403.087, Florida Statutes.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee 32399-2400, within 14 days of receipt of this Permit. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information;

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit. Persons whose

substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 21 days of receipt of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

This permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 17-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order 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 the Final Order is filed with the Clerk of the Department.

Executed in Pensacola, Florida.

State of Florida Department
of Environmental Protection


BOBBY A. COOLEY
District Director

160 Governmental Center
Pensacola, Florida 32501-5794
(904) 444-8300

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed by certified mail before the close of business on MAY 20, 1994 to the listed persons.

FILING AND ACKNOWLEDGMENT FILED,
on this date, pursuant to §120.52(9),
Florida Statutes, with the designated
Department clerk, receipt of which is
hereby acknowledged.


Clerk
5/20/94
Date

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section : Crist Plant Unit 3 Electric Utility Boiler		
2. Emissions Unit Identification Number : 003 [] No Corresponding ID [] Unknown		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? [X] Yes [] No	5. Emissions Unit Major Group SIC Code : 49
6. Emissions Unit Comment : Crist Unit 3 is a Riley front wall-fired dry bottom boiler. The primary fuels are natural gas, #6 fuel oil and #2 fuel oil.		

Emissions Unit Information Section 3
Crist Plant Unit 3 Electric Utility Boiler

Emissions Unit Control Equipment 1

1. Description :

Crist Unit 3 has no pollution control equipment. Emissions are controlled by proper operation of the boiler and by the amount of sulfur in the fuel.

2. Control Device or Method Code :

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Emissions Unit Information Section 3
Crist Plant Unit 3 Electric Utility Boiler

Rule Applicability Analysis

Not Applicable

List of Applicable Regulations

Title V Core List

Crist Unit 3 Federal-Regulation List (Cr3rule.EPA)

Crist Unit 3 State-Regulation List (Cr3rule.DEP)



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

April 1, 1996

Owners
Title V Sources

Dear Permittee:

Department records indicate that you operate a facility that is subject to Title V of the Clean Air Act. As you probably know, applications for Title V permits are due by June 15, 1996.


The Department has made numerous changes in its rules in recent months. Therefore, the Title V Core List, a list of rules that presumptively applies to each Title V source, has been updated and is provided for your convenience in completing the Title V application.

Enclosed you will also find a cross-reference of the old rule numbers and their new numbers.

Applicants are encouraged to use the new listing, however, to the extent that the applications have been completed by using the outdated rule references, it is not essential that the applications be changed.

If your facility is not subject to Title V, please disregard. If you do not know whether your facility is a Title V source or if you need additional information, please contact the Title V coordinator in Tallahassee for your geographical location as shown on the enclosure.

Sincerely,


John C. Brown, Jr., P.E.
Administrator, Title V Section
Bureau of Air Regulation

JCB/sk

Enclosures

Title V Core List

Effective: 03/25/96

[Note: The Title V Core List is meant to simplify the completion of the "List of Applicable Regulations" for DEP Form No. 62-210.900(1), Application for Air Permit - Long Form. The Title V Core List is a list of rules to which all Title V Sources are presumptively subject. The Title V Core List may be referenced in its entirety, or with specific exceptions. The Department may periodically update the Title V Core List.]

Federal: (description)

40 CFR 61: National Emission Standards for Hazardous Air Pollutants (NESHAP)
40 CFR 61, Subpart M: National Emission Standard for Asbestos.

40 CFR 82: Protection of Stratospheric Ozone.
40 CFR 82, Subpart B: Servicing of Motor Vehicle Air Conditioners (MVAC).
40 CFR 82, Subpart F: Recycling and Emissions Reduction.

State: (description)

CHAPTER 62-4, F.A.C.: PERMITS, effective 10-16-95

62-4.030, F.A.C.: General Prohibition.
62-4.040, F.A.C.: Exemptions.
62-4.050, F.A.C.: Procedure to Obtain Permits; Application.
62-4.060, F.A.C.: Consultation.
62-4.070, F.A.C.: Standards for Issuing or Denying Permits; Issuance; Denial.
62-4.080, F.A.C.: Modification of Permit Conditions.
62-4.090, F.A.C.: Renewals.
62-4.100, F.A.C.: Suspension and Revocation.
62-4.110, F.A.C.: Financial Responsibility.
62-4.120, F.A.C.: Transfer of Permits.
62-4.130, F.A.C.: Plant Operation - Problems.
62-4.150, F.A.C.: Review.
62-4.160, F.A.C.: Permit Conditions.
62-4.210, F.A.C.: Construction Permits.
62-4.220, F.A.C.: Operation Permit for New Sources.

CHAPTER 62-103, F.A.C.: RULES OF ADMINISTRATIVE PROCEDURE, effective 12-31-95

62-103.150, F.A.C.: Public Notice of Application and Proposed Agency Action.
62-103.155, F.A.C.: Petition for Administrative Hearing; Waiver of Right to Administrative Proceeding.

CHAPTER 62-210, F.A.C.: STATIONARY SOURCES - GENERAL REQUIREMENTS, effective 03-21-96

62-210.300, F.A.C.: Permits Required.

62-210.300(1), F.A.C.: Air Construction Permits.

62-210.300(2), F.A.C.: Air Operation Permits.

62-210.300(3), F.A.C.: Exemptions.

62-210.300(3)(a), F.A.C.: Full Exemptions.

62-210.300(3)(b), F.A.C.: Temporary Exemption.

62-210.300(5), F.A.C.: Notification of Startup.

62-210.300(6), F.A.C.: Emissions Unit Reclassification.

62-210.350, F.A.C.: Public Notice and Comment.

62-210.350(3), F.A.C.: Additional Public Notice Requirements for Facilities Subject to Operation Permits for Title V Sources.

62-210.360, F.A.C.: Administrative Permit Corrections.

62-210.370(3), F.A.C.: Annual Operating Report for Air Pollutant Emitting Facility.

62-210.650, F.A.C.: Circumvention.

62-210.900, F.A.C.: Forms and Instructions.

62-210.900(1) Application for Air Permit - Long Form, Form and Instructions.

62-210.900(5) Annual Operating Report for Air Pollutant Emitting Facility, Form and Instructions.

CHAPTER 62-213, F.A.C.: OPERATION PERMITS FOR MAJOR SOURCES OF AIR POLLUTION, effective 03-20-96

62-213.205, F.A.C.: Annual Emissions Fee.

62-213.400, F.A.C.: Permits and Permit Revisions Required.

62-213.410, F.A.C.: Changes Without Permit Revision.

62-213.412, F.A.C.: Immediate Implementation Pending Revision Process.

62-213.420, F.A.C.: Permit Applications.

62-213.430, F.A.C.: Permit Issuance, Renewal, and Revision.

62-213.440, F.A.C.: Permit Content.

62-213.460, F.A.C.: Permit Shield.

62-213.900, F.A.C.: Forms and Instructions.

62-213.900(1) Major Air Pollution Source Annual Emissions Fee Form, Form and Instructions.

Title V Core List

Effective: 03/25/96

CHAPTER 62-256, F.A.C.: OPEN BURNING AND FROST PROTECTION FIRES, effective 11-30-94

CHAPTER 62-257, F.A.C.: ASBESTOS NOTIFICATION AND FEE, effective 03/24/96

CHAPTER 62-281, F.A.C.: MOTOR VEHICLE AIR CONDITIONING REFRIGERANT RECOVERY AND RECYCLING, effective 03-07-96

CHAPTER 62-296, F.A.C.: STATIONARY SOURCES - EMISSION STANDARDS, effective 03-13-96

62-296.320(2), F.A.C.: Objectionable Odor Prohibited.

62-296.320(3), F.A.C.: Industrial, Commercial, and Municipal Open Burning Prohibited.

62-296.320(4)(c), F.A.C.: Unconfined Emissions of Particulate Matter.

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**Division of Air Resources Management
Rule Repeals and Conforming Amendments
Cross-Reference of Rule Number Changes**

March 24, 1996

Based on FAW Notices: 10/27/95 (effective 1/1/96 & 1/2/96)
 12/15/96, 2/2/96, & 2/9/96 (effective 3/13/96)
 1/26/96 (effective 3/24/96)

Rules Moved or Renumbered

From:

To:

62-204:

204.500	204.500(1)
204.500(1)-(4)	204.500(1)(a)-(d)
204.600	204.500(2)

62-210:

210.400(4)	212.600(3)
Fig. 210.400-1	212.600(3)(c)4. - figure replaced by equation
210.500 - except last sentence	204.220(4)

62-212:

212.200 - all definitions	210.200 - definitions merged in as needed
212.400(6)-(8) and below	212.400(7)-(9) and below
212.410(1)(a)-(d)	212.400(6)(a)1.-4.
212.410(2)	212.400(6)(b)
212.410(3)(a) and below	212.400(6)(c) - amended to cite CFR
212.410(3)(b) and below	212.400(6)(c)1. - amended to cite CFR
212.410(3)(c)	212.400(6)(c)2.
212.410(4)(a)-(b)	212.400(6)(d)1.-2.
212.500(7) and below	212.500(8) and below
212.510(1)(a)-(c)	212.500(7)(a)1.-3.
212.510(2)-(3)	212.500(7)(b)-(c)
212.700(1)-(2)	210.300(6)(a)-(b)

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

From:

To:

62-213:

213.200 - all definitions
213.210

210.200 - definitions merged in as needed
213.205(5)

62-214:

214.200 - all definitions

210.200 - definitions merged in as needed

62-215:

215.220(1)
215.220(1)(a)-(c)
215.220(2)
215.220(3)(a)-(b)
215.220(4)
215.220(5)(a)-(d)
215.230
215.230(1)-(10)
215.230(11)(a)-(d)
215.230(12)
215.230(12)(a)-(d)
215.230(13)(a)-(b)
215.230(14)
215.230(14)(a)-(b)
215.230(15)
215.230(16)
215.230(16)(a)
215.230(16)(b)
215.230(17)-(19)
215.300(1)
215.900(1)

213.300(2)(a)
213.300(2)(a)1.-3.
213.300(2)(b)
213.300(2)(c)1.-2.
213.300(2)(d)
213.300(2)(e)1.-4.
213.300(3)
213.300(3)(a)-(j)
213.300(3)(k)1.-4.
213.300(3)(l)1.
213.300(3)(l)2.-5.
213.300(3)(m)1.-2.
213.300(3)(n)1.
213.300(3)(n)2.-3.
213.300(3)(o)
213.300(3)(p)1.
213.300(3)(p)1. - last sentence
213.300(3)(p)2.
213.300(3)(q)-(s)
213.300(1)(a)
213.900(2)

62-257:

257.300
257.301(1)-(5) and below
257.350

257.301(1)
257.301(2)-(6) and below
204.800(8)(b)8.

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

From:

To:

62-272:

272.100	204.100(1)
272.200 - all definitions	204.200 - definitions merged in as needed
272.300(2) - except last sentence	204.220(1)
272.300(2) - last sentence	204.220(3)
272.300(3)(a)1.-3.	204.240(1)(a)-(c)
272.300(3)(b)1.-2.	204.240(2)(a)-(b)
272.300(3)(c)1.-2.	204.240(3)(a)-(b)
272.300(3)(d)1.	204.240(4)
272.300(3)(d)1.a.-c.	204.240(4)(a)-(c)
272.300(3)(e)1.	204.240(5)
272.300(3)(f)1.	204.240(6)
272.500	204.260
272.500(1)(a)-(b) and below	204.260(1)(a)-(b) and below
272.500(1)(c)1.	204.260(1)(c)
272.500(2)(a)-(b) and below	204.260(2)(a)-(b) and below
272.500(2)(c)1.	204.260(2)(c)
272.500(3)(a)-(b) and below	204.260(3)(a)-(b) and below
272.500(3)(c)1.	204.260(3)(c)

62-275:

275.100	204.100(2)
275.200 - all definitions	204.200 - definitions merged in as needed
275.300 and below	204.320 and below
275.400(1)-(5)	204.340(1)(a)-(e)
275.410(1)	204.340(2)(a) - amended to delete ozone areas
275.410(2)-(7)	204.340(2)(b)-(g)
275.420(1)	204.340(3)(a)
275.420(2)(a)-(d)	204.340(3)(b)1.-4.
275.420(3)	204.340(3)(c)
275.600(1)(a)	204.340(4)(a)1.
275.600(1)(b)	204.340(4)(a)2.-4. - amended to add ozone areas
275.600(3)(a)-(b)	204.340(4)(b)1.-2.
275.600(4)-(5)	204.340(4)(c)-(d)
275.700(1)-(3) and below	204.360(1)-(3) and below
275.800(1) and below	204.360(4) and below
275.800(2) and below	204.360(5) and below

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

From:

To:

62-296:

296.200 - all definitions	210.200 - definitions merged in as needed
296.310	296.320(4)
296.310(1)	296.320(4)(a)
296.310(1)(a)1.-3.	296.320(4)(a)1.a.-c.
296.310(1)(b)	296.320(4)(a)2.
296.310(1)(c)	296.320(4)(a)3.
296.310(1)(c)1.a.-b.	296.320(4)(a)3.a.(i)-(ii)
296.310(1)(c)2.a.-b.	296.320(4)(a)3.b.(i)-(ii)
296.310(1)(c)3.	296.320(4)(a)3.c.
Table 296.310-1	Table 296.320-1
296.310(2)(a) - first sentence	296.320(4)(b)1.
296.310(2)(a) - remaining sentences	296.320(4)(b)2. - amended to clarify intent
296.310(2)(a)1.-3.	296.320(4)(b)2.a.-c.
296.310(2)(b)	296.320(4)(b)3.
296.310(2)(c)1.-2.	296.320(4)(b)4.a.-b.
296.310(3)(a)-(b)	296.320(4)(c)1.-2.
296.310(3)(c)1.-8.	296.320(4)(c)3.a.-h.
296.310(3)(d)	296.320(4)(c)4.
296.800(1)	204.800(7)(a)
296.800(2)(a)	204.800(7)(b)
296.800(2)(a)1.-68.	204.800(7)(b)1.-68.
296.800(2)(b)	204.800(7)(c)
296.800(3)	204.800(7)(d)
296.800(4)	204.800(7)(e)
296.800(4)(a)-(e)	204.800(7)(e)1.-5.
296.810(1)	204.800(8)(a)
296.810(2)(a)	204.800(8)(b)
296.810(2)(a)1.-7.	204.800(8)(b)1.-7.
296.810(2)(a)8.-14.	204.800(8)(b)9.-15.
296.810(2)(b)	204.800(8)(c)
296.810(3)	204.800(8)(d)
296.810(4)	204.800(8)(e)
296.810(4)(a)-(c)	204.800(8)(e)1.-3.
296.820(1)	204.800(9)(a)
296.820(2)(a)	204.800(9)(b)
296.820(2)(a)1.-5.	204.800(9)(b)1.-5.
296.820(2)(b)	204.800(9)(c)
296.820(3)	204.800(9)(d)
296.820(3)(a)-(d)	204.800(9)(d)1.-4.
296.820(4)	204.800(9)(e)
296.820(4)(a)-(b)	204.800(9)(e)1.-2.

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

From:

To:

62-297:

297.200 - all definitions	210.200 - definitions merged in as needed
297.310(4)	297.310(9)
297.330(1)	297.310(4)(a)
297.330(1)(a)-(b)	297.310(4)(a)1.-2.
297.330(1)(b)1.-3.	297.310(4)(a)2.a.-c.
297.330(2)-(5)	297.310(4)(b)-(e)
Table 297.330-1	Table 297.310-1
297.340(1)	297.310(7)(a)
297.340(1)(a)-(b)	297.310(7)(a)1.-2.
297.340(1)(c)	297.310(7)(a)3.
297.340(1)(c)1.-2.	297.310(7)(a)3.a.-b.
297.340(1)(d)	297.310(7)(a)4.
297.340(1)(d)1.	297.310(7)(a)4.a.
297.340(1)(d)2.a.-c.	297.310(7)(a)4.b. - lang. combined in one paragraph
297.340(1)(d)3.	297.310(7)(a)4.c.
297.340(1)(e)-(j)	297.310(7)(a)5.-10.
297.340(2)-(3)	297.310(7)(b)-(c)
297.345	297.310(6)
297.345(1)-(2)	297.310(6)(a)-(b)
297.345(3)(a)1.-5.	297.310(6)(c)1.-5.
297.345(3)(b)1.-4.	297.310(6)(d)1.-4.
297.345(3)(c)1.-2.	297.310(6)(e)1.-2.
297.345(3)(d)1.-2.	297.310(6)(f)1.-2.
297.345(3)(e)1.	297.310(6)(g)1.
297.345(3)(e)1.a.-c.	297.310(6)(g)1.a.-c.
297.345(3)(e)2.-3.	297.310(6)(g)2.-3.
297.350(1)-(2)	297.310(5)(a)-(b)
297.400(1)	297.401 - last two sentences
297.420(1)	297.401(9)(c)1.
297.420(2)(a)-(b)	297.401(9)(c)2.a.-b.
297.570(1)-(3)	297.310(8)(a)-(c)
297.570(3)(a)-(u)	297.310(8)(c)1.-21.

Rules Fully Repealed, Not Moved

<u>Rule Repealed:</u>	<u>Comment:</u>
204.300	Definition of "SIP" expanded in 204.200
209.100-.800	Entire chapter 62-209 repealed; to be implemented by guidance
210.400(1)-(3) 210.500 last sentence 210.600 210.980	
213.220	Restates statute
215.100 215.200 215.240 215.300(2)-(6) 215.900(2)	Reproposed at 213.300(4) (FAW notice 3/8/96) Reproposed as part of Form 62-213.900(2) (FAW notice 3/8/96)
242.300	Definition of "Program Area" expanded in 242.200
243.700	Restates statute
244.100-.600	Entire chapter 62-244 repealed; to be implemented by guidance
252.800	Restates statute
257.401	Restates statute
272.300(1) 272.750(1) 272.750(2) Figure 272.750-1	Moved to document adopted by reference at 212.600(2)(c) Included in document adopted by reference at 212.600(2)(c)
273.200-.600	Entire chapter 62-273 repealed; considered obsolete
275.410(1)(a)-(c) 275.600(2)	Repealed in response to EPA approval of redesignations

DARM Rule Repeals and Conforming Amendments: Cross-Reference
March 24, 1996

Rule Repealed:

Comment:

296.330
296.400

Definition of "BACT" in 210.200 to be used in lieu of rule
Language of "Purpose and Scope" at 296.100 expanded

Figure 297.345-1

Replaced by text at 297.345(3)(e)1.a.-c., effective 1/1/96; then
moved to 297.310(6)(g)1.a.-c., effective 3/13/96)

297.400(2)

297.411

297.412

297.413

297.414

297.415

Figure 297.415-1

Figure 297.415-2

Figure 297.415-3

297.416

297.417

297.418

297.419

297.421

297.422

297.423

297.424

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FLORIDA COUNTY LISTING WITH ASSOCIATED FEE REVIEW CONTACT

Northeast & Northwest Districts: Jonathan Holtom / Ed Svec
 South & Southwest Districts: Charles Logan / Lennon Anderson
 Central & Southeast Districts: Tom Cascio / Steve Welsh
 General Fee Questions - All Districts: Bruce Mitchell
 Contact at: (904) 488-1344

Florida County Code	County Name	FIPS County Code	Contact Engineer
1	Alachua	001	Holtom / Svec
2	Baker	003	Holtom / Svec
3	Bay	005	Holtom / Svec
4	Bradford	007	Holtom / Svec
5	Brevard	009	Cascio / Welsh
6	Broward	011	Cascio / Welsh
7	Calhoun	013	Holtom / Svec
8	Charlotte	015	Logan / Anderson
9	Citrus	017	Logan / Anderson
10	Clay	019	Holtom / Svec
11	Collier	021	Logan / Anderson
12	Columbia	023	Holtom / Svec
13	Dade	025	Cascio / Welsh
14	DeSoto	027	Logan / Anderson
15	Dixie	029	Holtom / Svec
16	Duval	031	Holtom / Svec
17	Escambia	033	Holtom / Svec
18	Flagler	035	Holtom / Svec
19	Franklin	037	Holtom / Svec
20	Gadsden	039	Holtom / Svec
21	Gilchrist	041	Holtom / Svec
22	Glades	043	Logan / Anderson
23	Gulf	045	Holtom / Svec
24	Hamilton	047	Holtom / Svec
25	Hardee	049	Logan / Anderson
26	Hendry	051	Logan / Anderson
27	Hernando	053	Logan / Anderson
28	Highlands	055	Logan / Anderson
29	Hillsborough	057	Logan / Anderson
30	Holmes	059	Holtom / Svec
31	Indian River	061	Logan / Anderson
32	Jackson	063	Holtom / Svec
33	Jefferson	065	Holtom / Svec
34	LaFayette	067	Holtom / Svec

Florida County Code	County Name	FIPS County Code	Contact Engineer
35	Lake	069	Cascio / Welsh
36	Lee	071	Logan / Anderson
37	Leon	073	Holtom / Svec
38	Levy	075	Holtom / Svec
39	Liberty	077	Holtom / Svec
40	Madison	079	Holtom / Svec
41	Manatee	081	Logan / Anderson
42	Marion	083	Cascio / Welsh
43	Martin	085	Cascio / Welsh
44	Monroe	087	Logan / Anderson
45	Nassau	089	Holtom / Svec
46	Okaloosa	091	Holtom / Svec
47	Okeechobee	093	Cascio / Welsh
48	Orange	095	Cascio / Welsh
49	Osceola	097	Cascio / Welsh
50	Palm Beach	099	Cascio / Welsh
51	Pasco	101	Logan / Anderson
52	Pinellas	103	Logan / Anderson
53	Polk	105	Logan / Anderson
54	Putnam	107	Holtom / Svec
55	Saint Johns	109	Holtom / Svec
56	Saint Lucie	111	Cascio / Welsh
57	Santa Rose	113	Holtom / Svec
58	Sarasota	115	Logan / Anderson
59	Seminole	117	Cascio / Welsh
60	Sumter	119	Logan / Anderson
61	Suwannee	121	Holtom / Svec
62	Taylor	123	Holtom / Svec
63	Union	125	Holtom / Svec
64	Volusia	127	Cascio / Welsh
65	Wakulla	129	Holtom / Svec
66	Walton	131	Holtom / Svec
67	Washington	133	Holtom / Svec

EPA Rule	GULF POWER - CRIST UNIT 3 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
Part 60 - EPA Regulations on Standards of Performance for New Stationary Sources						
Subpart A — General Provisions						
60.7	Notification and record keeping.	0330045		×		Unit 003
60.8	Performance tests.	0330045		×		Unit 003
60.11	Compliance with standards and maintenance requirements.	0330045		×		Unit 003
60.12	Circumvention.	0330045		×		Unit 003
60.13	Monitoring requirements	0330045		×		Unit 003
60.19	General notifications and reporting requirements	0330045		×		Unit 003
Subpart D — Standards of Performance for Fossil-Fuel Fired Steam Generators for Which Construction is Commenced After August 17, 1971						
60.42	Standard for particulate matter.	0330045		×		Unit 003
60.43	Standard for sulfur dioxide.	0330045		×		Unit 003
60.44	Standard for nitrogen oxides.	0330045		×		Unit 003
60.45	Emission and fuel monitoring.	0330045		×		Unit 003
60.46	Test methods and procedures.	0330045		×		Unit 003
Subpart Da — Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978						
60.42a	Standard for particulate matter.	0330045		×		Unit 003
60.43a	Standard for sulfur dioxide.	0330045		×		Unit 003
60.44a	Standard for nitrogen oxides.	0330045		×		Unit 003
60.45a	Commercial demonstration permit.	0330045		×		Unit 003
60.46a	Compliance provisions.	0330045		×		Unit 003
60.47a	Emission monitoring.	0330045		×		Unit 003

EPA Rule	GULF POWER - CRIST UNIT 3 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
60.48a	Compliance determination procedures and methods.	0330045		X		Unit 003
60.49a	Reporting requirements.	0330045		X		Unit 003
Subpart Db — Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units						
60.42b	Standard for sulfur dioxide.	0330045		X		Unit 003
60.43b	Standard for particulate matter.	0330045		X		Unit 003
60.44b	Standard for nitrogen oxides.	0330045		X		Unit 003
60.45b	Compliance and performance test methods and procedures for sulfur dioxide.	0330045		X		Unit 003
60.46b	Compliance and performance test methods and procedures for particulate matter and nitrogen oxides.	0330045		X		Unit 003
60.47b	Emission monitoring for sulfur dioxide.	0330045		X		Unit 003
60.48b	Emission monitoring for particulate matter and nitrogen oxides.	0330045		X		Unit 003
60.49b	Reporting and recordkeeping.	0330045		X		Unit 003
Subpart Dc — Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units						
60.42c	Standard for sulfur dioxide.	0330045		X		Unit 003
60.43c	Standard for particulate matter.	0330045		X		Unit 003
60.44c	Compliance and performance test methods and procedures for sulfur dioxide.	0330045		X		Unit 003
60.45c	Compliance and performance test methods and procedures for particulate matter.	0330045		X		Unit 003
60.46c	Emission monitoring for sulfur dioxide.	0330045		X		Unit 003
60.47c	Emission monitoring for particulate matter.	0330045		X		Unit 003
60.48c	Reporting and recordkeeping.	0330045		X		Unit 003

EPA Rule	GULF POWER - CRIST UNIT 3 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
Subpart K — Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978						
60.112	Standard for volatile organic compounds (VOC).	0330045		×		Unit 003
60.113	Monitoring of operations.	0330045		×		Unit 003
Subpart Ka — Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984						
60.112a	Standard for volatile organic compounds (VOC).	0330045		×		Unit 003
60.113a	Testing and procedures.	0330045		×		Unit 003
60.114a	Alternative means of emission limitations.	0330045		×		Unit 003
60.115a	Monitoring of operations.	0330045		×		Unit 003
Subpart Kb — Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984						
60.112b	Standard for volatile organic compounds (VOC).	0330045		×		Unit 003
60.113b	Testing and procedures.	0330045		×		Unit 003
60.114b	Alternative means of emission limitations.	0330045		×		Unit 003
60.115b	Recordkeeping and reporting requirements.	0330045		×		Unit 003
60.116b	Monitoring of operations.	0330045		×		Unit 003
Subpart Y — Standards of Performance for Coal Preparation Plants						
60.252	Standard for particulate matter.	0330045		×		Unit 003
60.253	Monitoring of operations.	0330045		×		Unit 003
60.254	Test methods and procedures.	0330045		×		Unit 003
Subpart GG — Standards of Performance for Stationary Gas Turbines						
60.332	Standard for nitrogen oxides.	0330045		×		Unit 003

EPA Rule	GULF POWER - CRIST UNIT 3 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
60.333	Standard for sulfur dioxide.	0330045		×		Unit 003
60.334	Monitoring of operations.	0330045		×		Unit 003
60.335	Test methods and procedures.	0330045		×		Unit 003
Subpart 000 — Standards of Performance for Nonmetallic Mineral Processing Plants						
60.672	Standard for Particulate Matter.	0330045		×		Unit 003
60.674	Monitoring of Operations.	0330045		×		Unit 003
60.676	Reporting and Recordkeeping.	0330045		×		Unit 003
Part 61 - EPA Regulations on National Emission Standards for Hazardous Air Pollutants						
Subpart A — General Provisions						
61.05	Prohibited Activities.	0330045	✓			Facility
61.09	Notification of Startup.	0330045		×		Facility
61.10	Source Reporting and Request for Waiver of Compliance.	0330045		×		Facility
61.11	Waiver of Compliance.	0330045		×		Facility
61.12(b)	Compliance with Standards and Maintenance Requirements.	0330045	✓			Facility
61.13	Emission Tests and Waiver of Emission Tests.	0330045		×		Facility
61.14	Monitoring Requirements.	0330045		×		Facility
61.19	Circumvention.	0330045		×		Facility
Subpart M — National Emission Standards for Asbestos		0330045	✓			Facility
Appendix C to Part 61 — Quality Assurance Procedures		0330045	✓			Facility
Part 63 - EPA Regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories						
Subpart A — General Provisions						
63.4	Prohibited Activities and Circumvention.	0330045		X		Unit 003

EPA Rule	GULF POWER - CRIST UNIT 3 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
63.6	Compliance with Standards and Maintenance Requirements.	0330045		×		Unit 003
63.7	Performance Testing Requirements.	0330045		×		Unit 003
63.8	Monitoring Requirements.	0330045		×		Unit 003
63.9	Notification Requirements.	0330045		×		Unit 003
63.10	Reporting and Recordkeeping Requirements.	0330045		×		Unit 003
63.11	Control Device Requirements.	0330045		×		Unit 003
Subpart Q — National Emission Standards for Industrial Process Cooling Towers						
63.402	Standard.	0330045		×		Unit 003
63.403	Compliance Dates.	0330045		×		Unit 003
63.404	Compliance Demonstrations.	0330045		×		Unit 003
63.405	Notification Requirements.	0330045		×		Unit 003
63.406	Recordkeeping and Reporting Requirements.	0330045		×		Unit 003
Subpart T — National Emission Standards for Halogenated Solvent Cleaning						
63.462	Batch Cold Cleaning Machine Standards.	0330045		×		Unit 003
63.463	Batch Vapor and In-Line Cleaning Machine Standards.	0330045		×		Unit 003
63.464	Alternative Standards.	0330045		×		Unit 003
63.465	Test Methods.	0330045		×		Unit 003
63.466	Monitoring Procedures.	0330045		×		Unit 003
63.467	Recordkeeping Requirements.	0330045		×		Unit 003
63.468	Reporting Requirements.	0330045		×		Unit 003
Part 72 - EPA Acid Rain Program Permits						
Subpart A — General Provisions						

EPA Rule	GULF POWER - CRIST UNIT 3 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
72.7	New Units Exemption.	0330045		×		Unit 003
72.8	Retired Units Exemption.	0330045		×		Unit 003
72.9	Standard Requirements.	0330045	✓			Unit 003
Subpart B -- Designated Representative						
72.20	Authorization and Responsibilities of the Designated Representative	0330045	✓			Unit 003
72.21	Submissions.	0330045	✓			Unit 003
72.22	Alternate Designated Representative.	0330045	✓			Unit 003
72.23	Changing the Designated Representative, Alternate Designated Representative; Changes in the Owners and Operators.	0330045	✓			Unit 003
Subpart C -- Acid Rain Applications						
72.30	Requirements to Apply.	0330045	✓			Unit 003
72.32	Permit Applications Shield and Binding Effect of Permit Application.	0330045	✓			Unit 003
72.33	Identification of Dispatch System.	0330045	✓			Unit 003
Subpart D -- Acid Rain Compliance Plan and Compliance Options						
72.40	General.	0330045	✓			Unit 003
72.41	Phase I Substitution Plans.	0330045		×		Unit 003
72.42	Phase I Extension Plans.	0330045		×		Unit 003
72.43	Phase I Reduced Utilization Plans.	0330045		×		Unit 003
72.44	Phase II Repowering Extensions.	0330045		×		Unit 003
Subpart E -- Acid Rain Permit Contents						
72.51	Permit Shield.	0330045	✓			Unit 003
Subpart I - Compliance Certification						

EPA Rule	GULF POWER - CRIST UNIT 3 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
72.90	Annual Compliance Certification Report.	0330045	✓			Unit 003
72.91	Phase I Unit Adjusted Utilization.	0330045		×		Unit 003
72.92	Phase I Unit Allowance Surrender.	0330045		×		Unit 003
72.93	Units with Phase I Extension Plans.	0330045		×		Unit 003
72.94	Units with Repowering Extension Plans.	0330045		×		Unit 003
Part 73 - EPA Acid Rain Program Sulfur Dioxide Allowance System						
Subpart C — Allowance Tracking System						
73.33	Authorized Account Representative	0330045	✓			Unit 003
73.35	Compliance.	0330045	✓			Unit 003
Part 75 - EPA Acid Rain Program For Continuous Emission Monitoring						
Subpart A — General						
75.4	Compliance Dates.	0330045	✓			Unit 003
75.5	Prohibitions.	0330045	✓			Unit 003
Subpart B — Monitoring Provisions						
75.10	General Operating Requirements.	0330045	✓			Unit 003
75.11	Specific Provisions for Monitoring SO ₂ Emissions (SO ₂ and Flow Monitors).	0330045	✓			Unit 003
75.12	Specific Provisions for Monitoring NO _x Emissions (NO _x and Diluent Gas Monitors).	0330045	✓			Unit 003
75.13	Specific Provisions for Monitoring CO ₂ Emissions.	0330045	✓			Unit 003
75.14	Specific Provisions for Monitoring Opacity.	0330045		×		Unit 003
75.15	Specific Provisions for Monitoring SO ₂ Emissions Removal by Qualifying Phase I Technology.	0330045		×		Unit 003

EPA Rule	GULF POWER - CRIST UNIT 3 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
75.16	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for SO ₂ Emissions and Heat Input Determinations.	0330045		×		Unit 003
75.17	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for NO _x Emission Rate.	0330045		×		Unit 003
75.18	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for Opacity.	0330045		×		Unit 003
Subpart C — Operation and Maintenance Requirements						
75.20	Certification and Recertification Procedures.	0330045	✓			Unit 003
75.21	Quality Assurance and Quality Control Requirements.	0330045	✓			Unit 003
75.22	Reference Test Methods.	0330045	✓			Unit 003
75.24	Out-of-Control Periods.	0330045	✓			Unit 003
Subpart D — Missing Data Substitution Procedures						
75.30	General Provisions.	0330045	✓			Unit 003
75.31	Initial Missing Data Procedures.	0330045	✓			Unit 003
75.32	Determination of Monitor Data Availability for Standard Missing Data Procedures.	0330045	✓			Unit 003
75.33	Standard Missing Data Procedures.	0330045	✓			Unit 003
75.34	Units with Add-On Emission Controls.	0330045		×		Unit 003
75.35	Missing Data Procedures for CO ₂	0330045	✓			Unit 003
75.36	Missing Data Procedures for Heat Input	0330045	✓			Unit 003
Subpart E — Alternative Monitoring Systems						
75.40	General Demonstration Requirements.	0330045		×		Unit 003
75.41	Precision Criteria.	0330045		×		Unit 003
75.42	Reliability Criteria.	0330045		×		Unit 003

EPA Rule	GULF POWER - CRIST UNIT 3 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
75.43	Accessibility Criteria.	0330045		×		Unit 003
75.44	Timeliness Criteria.	0330045		×		Unit 003
75.45	Daily Quality Assurance Criteria.	0330045		×		Unit 003
75.46	Missing Data Substitution Criteria.	0330045		×		Unit 003
75.47	Criteria for a Class of Affected Units.	0330045		×		Unit 003
75.48	Petition for an Alternative Monitoring System.	0330045		×		Unit 003
Subpart F — Recordkeeping Requirements						
75.50	General Recordkeeping Provisions.	0330045	✓			Unit 003
75.51	General Recordkeeping Provisions for Specific Situations.	0330045		×		Unit 003
75.52	Certification, Quality Assurance, and Quality Control Record Provisions.	0330045	✓			Unit 003
75.53	Monitoring Plan.	0330045	✓			Unit 003
75.54	General Recordkeeping Provisions	0330045	✓			Unit 003
75.55	General Recordkeeping Provisions for Special Situations	0330045	✓			Unit 003
75.56	Certification, Quality Assurance and Quality Control Record Provision	0330045	✓			Unit 003
Subpart G — Reporting Requirements						
75.60	General Provisions.	0330045	✓			Unit 003
75.61	Notification of Certification and Recertification Test Dates.	0330045	✓			Unit 003
75.62	Monitoring Plan.	0330045	✓			Unit 003
75.63	Certification or Recertification Applications.	0330045	✓			Unit 003
75.64	Quarterly Reports.	0330045	✓			Unit 003
75.65	Opacity Reports.	0330045	✓			Unit 003

EPA Rule	GULF POWER - CRIST UNIT 3 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	Appendix A to Part 75 — Specifications and Test Procedures	0330045	✓			Unit 003
	Appendix B to Part 75 — Quality Assurance and Quality Control Procedures	0330045	✓			Unit 003
	Appendix C to Part 75 — Missing Data Statistical Estimation Procedures	0330045	✓			Unit 003
	Appendix D to Part 75 — Optional SO ₂ Emissions Data Protocol for Gas-Fired Units and Oil-Fired Units	0330045	✓			Unit 003
	Appendix E to Part 75 — Optional NO _x Emissions Estimation Protocol for Gas-Fired Peaking Units and Oil-Fired Peaking Units	0330045	✓			Unit 003
EPA Part 76 - Acid Rain Nitrogen Oxides Emission Reduction Program						
76.5	NO _x Emission Limitations for Group I Boilers.	0330045		×		Unit 003
76.8	Early Election for Group I, Phase II Boilers.	0330045		×		Unit 003
76.9	Permit Applications and Compliance Plans.	0330045		×		Unit 003
76.10	Alternative Emission Limitations.	0330045		×		Unit 003
76.11	Emissions Averaging.	0330045		×		Unit 003
76.12	Phase I NO _x Compliance Extensions.	0330045		×		Unit 003
76.13	Compliance and Excess Emissions	0330045		×		Unit 003
76.14	Monitoring, Recordkeeping, and Reporting.	0330045		×		Unit 003
76.15	Test Methods and Procedures.	0330045		×		Unit 003
EPA Part 77 - Excess Emissions						
77.3	Offset Plans	0330045	✓		May apply in future.	Unit 003
77.5(b)	Deduction of Allowances	0330045	✓		May apply in future.	Unit 003
77.6	Excess Emission Penalties for SO ₂ and No _x ; and	0330045	✓		May apply in future.	Unit 003
EPA Part 82 - Protection Of Stratospheric Ozone						

EPA Rule	GULF POWER - CRIST UNIT 3 EPA APPLICABLE REQUIREMENTS LIST EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
Subpart B - Servicing of Motor Vehicle Air Conditioners						
82.34	Prohibitions.	0330045	✓			Facility
82.36	Approved refrigerant recycling equipment.	0330045	✓			Facility
82.38	Approved independent standards testing organizations.	0330045	✓			Facility
82.40	Technician training and certification.	0330045	✓			Facility
82.42	Certification, recordkeeping and public notification requirements.	0330045	✓			Facility
Subpart F - Recycling and Emissions Reduction						
82.154	Prohibitions.	0330045	✓			Facility
82.156	Required practice.	0330045	✓			Facility
82.158	Standards for recycling and recovery equipment.	0330045	✓			Facility
82.160	Approved equipment testing organizations.	0330045	✓			Facility
82.161	Technician certification.	0330045	✓			Facility
82.162	Certification by owners of recovery and recycling equipment.	0330045	✓			Facility
82.164	Reclaimer certification.	0330045	✓			Facility
82.166(k)(m)	Reporting and recordkeeping requirements for owners/operators.	0330045	✓			Facility
40 CFR 279.72	Used Oil Regulations	0330045	✓		Facility burns on-spec used oil.	Facility

FDEP Rule	GULF POWER - CRIST UNIT 3 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
Chapter 62-4 Permits						
62-4.030	General Prohibition.	0330045	✓		State Only	Facility
62-4.040(1)	Exemptions	0330045	✓		State Only	Facility
62-4.100	Suspension and Revocation.	0330045	✓		State Only	Facility
62-4.130	Plant Operation - Problems.	0330045	✓		State Only	Facility
Chapter 62-204 State Implementation Plan						
62-204.800	Standards of Performance for New Stationary Sources (NSPS) (see 40 CFR 60 list for subsections).					
	(7) Standards Adopted.	0330045		×	State only.	Unit 003
	(b) The following Standards of Performance for New Stationary Sources contained in 40 CFR 60, revised as of July 1, 1994, or later as specifically indicated.	0330045		×	State only.	Unit 003
	1. 40 CFR 60.40 Subpart D, Fossil-fuel-fired Steam Generators for which Construction is Commenced after August 17, 1971.	0330045		×	State only.	Unit 003
	2. 40 CFR 60.40a Subpart Da, Electric Utility Steam Generators for which Construction is Commenced after September 18, 1978.	0330045		×	State only.	Unit 003
	3. 40 CFR 60.40b Subpart Db, Industrial-Commercial-Institutional Steam Generating Units.	0330045		×	State only.	Unit 003
	4. 40 CFR 60.40c Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units.	0330045		×	State only.	Unit 003
	12. 40 CFR 60.110 Subpart K, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after June 11, 1973, and prior to May 19, 1978.	0330045		×	State only.	Unit 003
	13. 40 CFR 60.110a Subpart Ka, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after May 18, 1978, and prior to July 23, 1984.	0330045		×	State only.	Unit 003

GULF POWER - CRIST UNIT 3 FDEP APPLICABLE REQUIREMENTS LIST		Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
FDEP Rule	FDEP Title		Yes	No/NA		
62-204.800	14. 40 CFR 60.110b Subpart Kb, Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984.	0330045		X	State only.	Unit 003
	29. 40 CFR 60.250 Subpart Y, Coal Preparation Plants.	0330045		X	State only.	Unit 003
	37. 40 CFR 60.330 Subpart GG, Stationary Gas Turbines.	0330045		X	State only.	Unit 003
	62. 40 CFR 60.670 Subpart OOO, Non-Metallic Mineral Processing Plants.	0330045		X	State only.	Unit 003
62-204.800(7)	(c) The Standards of Performance for New Stationary Sources adopted by reference in this section shall be controlling over other standards in this chapter except that any emissions limiting standard contained in or determined pursuant to this chapter which is more stringent than one contained in a Standard of Performance, or which regulates emissions of pollutants or emissions units not regulated by an applicable Standard of Performance, shall apply.	0330045		X	State only.	Unit 003
	(7)(d) General Provisions Adopted.	0330045		X	State only.	Unit 003
	(7)(e) Appendices Adopted. The following appendices of 40 CFR Part 60, revised as of July 1, 1994 or later as specifically indicated, are adopted and incorporated by reference.	0330045		X	State only.	Unit 003
	1. 40 CFR 60 Appendix A, Test Methods, are adopted by reference.	0330045		X	State only.	Unit 003
	2. 40 CFR 60 Appendix B, Performance Specifications.	0330045		X	State only.	Unit 003
	3. 40 CFR 60 Appendix C, Determination of Emission Rate Change.	0330045		X	State only.	Unit 003
	5. 40 CFR 60 Appendix F, Quality Assurance Procedures.	0330045		X	State only.	Unit 003
62-204.800(8)	National Emission Standards for Hazardous Air Pollutants (NESHAPS).					
	(8) Standards Adopted.	0330045		X	State only.	Unit 003
	(b)8. 40 CFR Part 61 Subpart M Asbestos.	0330045	✓		State only.	Unit 003

FDEP Rule	GULF POWER - CRIST UNIT 3 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-204.800(8)	(d) General Provisions Adopted. The general provisions of 40 CFR Part 61 Subpart A, revised July 1, 1994, are adopted and incorporated by reference except 40 CFR 61.04, 40 CFR 61.08, 40 CFR 61.11, and 40 CFR 61.18.	0330045	✓		State only.	Unit 003
62-204.800(9)	National Emission Standards for Hazardous Air Pollutants (NESHAPS) - Part 63.					
	(9) Standards Adopted.	0330045		×	State only.	Unit 003
	(b) 40 CFR 63 Subpart Q Chromium Emissions from Industrial Process Cooling Towers*	0330045		×	State only. *This regulation was proposed for incorporation in the FAW on March 8, 1996; not yet "effective" on state level.	Unit 003
	(a) 40 CFR 63 Subpart T Halogenated Solvent Cleaning*	0330045		×	State only. *This regulation was proposed for incorporation in the FAW on March 8, 1996; not yet "effective" on state level.	Unit 003
	(d) General Subparts Adopted.	0330045		×	State only.	Unit 003
	1. 40 CFR 63 Subpart A, General Provisions	0330045		×	State only.	Unit 003
	2. 40 CFR 63 Subpart B, Equivalent Emission Limitation by Permit (112(j))	0330045		×	State only.	Unit 003
	4. 40 CFR 63 Subpart D, Compliance Extensions for Early Reductions	0330045		×	State only.	Unit 003
62-204.800 (11)	Adoption of 40 CFR 70, Federal Title V Rule	0330045	✓		State only.	Facility
62-204.800 (12)	Adoption of 40 CFR 72, Federal Acid Rain Program	0330045	✓		State only.	Unit 003
62-204.800 (13)	Adoption of 40 CFR 73, SO2 Allowance System	0330045	✓		State only.	Unit 003
62-204.800 (14)	Adoption of 40 CFR 75, CEMS	0330045	✓		State only.	Unit 003
62-204.800 (15)	Adoption of 40 CFR 76, Acid Rain Nox Requirement	0330045		×	No NOx Std. for Gas units	Unit 003
62-204.800 (16)	Adoption of 40 CFR 77, Acid Rain Excess Emissions	0330045	✓		Applicable in Phase II	Unit 003

GULF POWER - CRIST UNIT 3 FDEP APPLICABLE REQUIREMENTS LIST		Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
FDEP Rule	FDEP Title		Yes	No/NA		
62-204.800 (19)	Adoption of 40 CFR 82, Stratospheric Ozone	0330045	✓		State only.	Unit 003/ Facility
Chapter 62-210 Stationary Sources - General Requirements						
62-210.300	Permits Required.					
	(2) Air Operation Permits. except(b)	0330045	✓			Facility
	(3)(a) Exemptions - #1-29.	0330045	✓			Facility
	(3)(b) Temporary Exemptions.	0330045	✓			Facility
62-210.300	(5) Notification of Startup. The owners or operator of any emissions unit or facility which has a valid air operation permit which has been shut down more than one year, shall notify the Department in writing of the intent to start up such emissions unit or facility, a minimum of 60 days prior to the intended startup date.	0330045	✓		May apply in the future.	Facility
	(a) The notification shall include information as to the startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.	0330045	✓		May apply in the future.	Facility
	(b) If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Department as soon as possible after the date of such startup is ascertained.	0330045	✓		May apply in the future.	Facility
62-210.370	Reports.					
	(1) Notification of Intent to Relocate Air Pollutant Emitting Facility.	0330045		×		Unit 003
	(3) Annual Operating Report for Air Pollutant Emitting Facility.	0330045	✓			Facility
62-210.650	Circumvention.	0330045		×		Unit 003
62-210.700	Excess Emissions.	0330045	✓			Unit 003
62-210.900	Forms and Instructions.	0330045	✓			Facility
	(5) Annual Operating Reports	0330045	✓			Facility
Chapter 62-213 Operation Permits for Major Sources of Air Pollution						

GULF POWER - CRIST UNIT 3 FDEP APPLICABLE REQUIREMENTS LIST						
FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-213.205	Annual Emissions Fee.	0330045	✓			Facility
62-213.400	Permits and Permit Revisions Required.	0330045	✓			Facility
62-213.410	Changes Without Permit Revision.	0330045	✓			Facility
62-213.415	Trading of Emissions Within a Source.	0330045	✓		May apply in the future.	Unit 001/ Facility
62-213.460	Permit Shield.	0330045	✓			Facility
Chapter 62-214 Requirements for Sources Subject to the Federal Acid Rain Program						
62-214.300	Applicability.	0330045	✓			Unit 003
62-214.340	Exemptions.					
	(5) The owners and operators of each unit . . .	0330045	✓			Unit 003
	(6) A new unit shall no longer be exempted . . .	0330045		×		Unit 003
	(7) A retired unit shall no longer be exempted . . .	0330045	✓			Unit 003
62-214.350	Certification.	0330045	✓			Unit 003
62-214.430	Implementation and Termination of Compliance Options. Procedures for activation and termination of compliance options.					
	(1) Activation.	0330045	✓			Unit 003
	(2) Termination.	0330045	✓			Unit 003
Chapter 62-252 Gasoline Vapor Control						
62-252.300	Gasoline Dispensing Facilities - Stage I Vapor Recovery.					
	(2) Prohibition.	0330045		×		Facility
	(3) Control Technology Requirements.	0330045		×		Facility
	(4) Compliance Schedule.	0330045		×	State Only	Facility
62-252.400	Gasoline Dispensing Facilities - Stage II Vapor Recovery.					
	(2) Prohibition.	0330045		×	State Only	Facility

FDEP Rule	GULF POWER - CRIST UNIT 3 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(3) Control Technology Requirements.	0330045		×	State Only	Facility
	(4) Compliance Schedules.	0330045		×	State Only	Facility
	(5) Testing.	0330045		×	State Only	Facility
	(6) Recordkeeping.	0330045		×	State Only	Facility
	(7) System Maintenance.	0330045		×	State Only	Facility
62-252.400	(8) Training.	0330045		×	State Only	Facility
62-252.500	Gasoline Tanker Trucks.					
	(2) Prohibitions.	0330045		×	State Only	Facility
	(3) Leak Testing.	0330045		×	State Only	Facility
Chapter 62-256 Open Burning and Frost Protection Fires						
62-256.300	Prohibitions.	0330045	✓		State Only	Facility
62-256.450	Burning for Cold or Frost Protection.	0330045		×	State Only	Facility
62-256.500	Land Clearing.	0330045	✓		State Only	Facility
62-256.600	Industrial, Commercial, Municipal, and Research Open Burning.	0330045(sp4423)	State	Only		Facility
62-256.700	Open Burning Allowed.	0330045	✓		State Only	Facility
Chapter 62-257 Asbestos Removal						
62-257.301	Notification Procedure and Fee.	0330045	✓		State Only	Facility
62-257.400	Fee Schedule.	0330045	✓		State Only	Facility
62-257.900	Form.	0330045	✓		State Only	Facility
Chapter 62-281 Motor Vehicle Air Conditioning Refrigerant Recovery and Recycling.						
62-281.300	Applicability.	0330045		×	State Only	Facility
62-281.400	Compliance Requirements.	0330045		×	State Only	Facility
62-281.500	Establishment Certification.					

FDEP Rule	GULF POWER - CRIST UNIT 3 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(1) Initial Certification.	0330045		×	State Only	Facility
	(2) Renewal Certification.	0330045		×	State Only	Facility
	(3) Fees.	0330045		×	State Only	Facility
	(4) Certificate of Compliance.	0330045		×	State Only	Facility
62-281.600	Training Requirements.	0330045		×	State Only	Facility
62-281.700	Equipment Certification.	0330045		×	State Only	Facility
62-281.900	Forms.	0330045		×	State Only	Facility
Chapter 62-296 Stationary Sources – Emission Standards						
62-296.320	General Pollutant Emission Limiting Standards.					
	(1) Volatile organic compounds emissions or organic solvents emissions.	0330045		×		Facility
	(2) Objectionable Odor Prohibited.	0330045	✓			Facility
	(3) Open Burning.	0330045	✓		State Only	Facility
	(4)(a) Process Weight Table.	0330045		×		Unit 003
	(4)(b) General Visible Emissions Standard.	0330045	✓			Facility
	(4)(c) Unconfined Emissions of Particulate Matter.	0330045	✓			Facility
62-296.405	Fossil Fuel Steam Generators with More than 250 Million Btu per Hour Heat Input.					
	(1) Existing Emissions Units.					
	(a) Visible emissions.	0330045	✓			Unit 003
	(b) Particulate Matter - 0.1 pound per million Btu heat input, as measured by applicable compliance methods.	0330045	✓		Testings only if operated more than 400 hours on oil.	Unit 003
	(c) Sulfur Dioxide, as measured by applicable compliance methods.	0330045	✓			Unit 003
	1.e. Sources burning liquid fuel.	0330045	✓		1.98 lbs/MBTU	Unit 003
	2. Sources burning solid fuel.	0330045		×		Unit 003

FDEP Rule	GULF POWER - CRIST UNIT 3 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	3. Owners of fossil fuel steam generators shall monitor their emissions and the effects of the emissions on ambient concentrations of sulfur dioxide, in a manner, frequency, and locations approved, and deemed reasonably necessary and ordered by the Department.	0330045	✓		Not currently listed in permit. No notice deemed necessary to plant.	Unit 003
	(d) Nitrogen Oxides (expressed as NO _x).	0330045		×		Unit 003
62-296.405	(e) Test Methods and Procedures.	0330045	✓		Presumably federally enforceable.	Unit 003
	(f) Continuous Emissions Monitoring Requirements.	0330045		×	Gas/Oil fired Unit	Unit 003
	(g) Quarterly Reporting Requirements.	0330045		×	Gas/Oil fired Unit	Unit 003
	(2) New Emissions Units.					
	(a) Visible Emissions - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a	0330045		×		Unit 003
	(b) Particulate Matter - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a	0330045		×		Unit 003
	(c) Sulfur Dioxide - See Rule 62-204.800(7) and 40 CFR 60.43 and 60.43a	0330045		×		Unit 003
	(d) Nitrogen Oxides - See Rule 62-204.800(7) and 40 CFR 60.44 and 60.44a	0330045		×		Unit 003
62-296.406	Fossil Fuel Steam Generators with Less than 250 Million Btu per Hour Heat Input, New and Existing Emissions Units.					
	(1) Visible Emissions	0330045		×		Unit 003
	(2) Particulate Matter - Best available control technology in accordance with Rule 62-210.200(40)	0330045		×		Unit 003
	(3) Sulfur Dioxide - Best available control technology in accordance with Rule 62-210.200(40)	0330045		×		Unit 003
62-296.411	Sulfur Storage and Handling Facilities	0330045		×		Unit 003
62-296.500	Reasonably Available Control Technology (RACT) - Volatile Organic Compounds (VOC) and Nitrogen Oxides (NO _x) Emitting Facilities.					
	(1) Applicability.	0330045		×		Unit 003

FDEP Rule	GULF POWER - CRIST UNIT 3 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(2) Permit, Recordkeeping, and Compliance Reporting Requirements.	0330045		X		Unit 003
	(a) Permits - Special Considerations.	0330045		X		Unit 003
	(b) Recordkeeping.	0330045		X		Unit 003
62-296.500	(c) Reporting.	0330045		X		Unit 003
	(3) Exceptions.	0330045		X		Unit 003
	(4) Consideration of Exempt Solvents	0330045		X		Unit 003
	(5) Compliance may be demonstrated for surface coating and graphic arts facilities on a 24-hour weighted average basis for a single source point with a single emission limit.	0330045		X		Unit 003
62-296.508	Petroleum Liquid Storage					
	(1) Applicability.	0330045		X		Unit 003
	(2) Control Technology.	0330045		X		Unit 003
	(3) Test Methods and Procedures.	0330045		X		Unit 003
62-296.511	Solvent Metal Cleaning.					
	(1) Applicability.	0330045		X		Unit 003
	(2) Cold Cleaning Control Technology.	0330045		X		Unit 003
	(3) Open Top Vapor Degreaser Control Technology.	0330045		X		Unit 003
	(4) Conveyorized Degreaser Control Technology.	0330045		X		Unit 003
	(5) Test Methods and Procedures.	0330045		X	* 8-hr test requirement not in SIP.	Unit 003
62-296.516	Petroleum Liquid Storage Tanks with External Floating Roofs					
	(1) Applicability.	0330045		X		Unit 003
	(2) Control Technology.	0330045		X		Unit 003
	(3) Test Methods and Procedures.	0330045		X		Unit 003

**GULF POWER - CRIST UNIT 3
FDEP APPLICABLE REQUIREMENTS LIST**

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-296.570	Reasonably Available Control Technology (RACT) - Requirements for Major VOC- 0330045 and NO _x - Emitting Facilities.					
	(1) Applicability.	0330045		X	State Only	Unit 003
	(2) Compliance Requirements.	0330045		X	State Only	Unit 003
62-296.570	(3) Operation Permit Requirements.	0330045		X	State Only	Unit 003
	(4) RACT Emission Limiting Standards.	0330045		X	State Only	Unit 003
	(a) Compliance Dates and Monitoring.	0330045		X	State Only	Unit 003
	(b) Emission Limiting Standards.	0330045		X	State Only	Unit 003
	(c) Exception for Startup, Shutdown or Malfunction.	0330045		X	State Only	Unit 003
62-296.700	Reasonably Available Control Technology (RACT) Particulate Matter.					
	(1) Applicability.	0330045		X		Unit 003
	(2) Exemptions.	0330045		X		Unit 003
	(3) Specific RACT Emission Limiting Standards for Stationary Emissions Units.	0330045		X		Unit 003
	(4) Maximum Allowable Emission Rates.	0330045		X		Unit 003
	(a) Emissions Unit Data.	0330045		X		Unit 003
	(b) Maximum Emission Rates.	0330045		X		Unit 003
	(5) Circumvention.	0330045		X		Unit 003
	(6) Operation and Maintenance Plan.	0330045		X		Unit 003
	(a) Air Pollution Control Devices and Collection Systems.	0330045		X		Unit 003
	(b) Control Equipment Data.	0330045		X		Unit 003
	(c) Processing or Materials Handling Systems.	0330045		X		Unit 003
	(d) Fossil Fuel Steam Generators.	0330045		X		Unit 003
62-296.702	Fossil Fuel Steam Generators.					

GULF POWER - CRIST UNIT 3 FDEP APPLICABLE REQUIREMENTS LIST		Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
FDEP Rule	FDEP Title		Yes	No/NA		
	(1) Applicability.	0330045		X		Unit 003
	(2) Emission Limitations.	0330045		X		Unit 003
	(a) Particulate Matter - 0.10 lb/mmBtu	0330045		X		Unit 003
62-296.711	(b) Visible Emissions - 20% opacity.	0330045		X		Unit 003
	(3) Test Methods and Procedures.	0330045		X		Unit 003
Materials Handling, Sizing, Screening, Crushing and Grinding Operations.						
	(1) Applicability	0330045		X		Unit 003
	(2) Emission Limitations.	0330045		X		Unit 003
	(3) Test Methods and Procedures.	0330045		X		Unit 003
Chapter 62-297 Stationary Sources – Emission Monitoring						
62-297.310	General Test Requirements.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(1) Required Number of Test Runs	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(2) Operating Rate During Testing	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(3) Calculation of Emission Rate	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(4) Applicable Test Procedures.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(a) Required Sampling Time.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003

FDEP Rule	GULF POWER - CRIST UNIT 3 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	2. Opacity Compliance Tests.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(b) Minimum Sample Volume.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(c) Required Flow Rate Range.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(d) Calibration.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(e) EPA Method 5.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(5) Determination of Process Variables.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(6) Required Stack Sampling Facilities					
	(a) Permanent Test Facilities.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(b) Temporary Test Facilities.	0330045		×	Applicable if operated more than 400 hours on oil.	Unit 003
	(c) Test Facilities.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
62-297.310	1. Sampling Ports.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(d) Work Platforms.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(e) Access.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(f) Electrical Power.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(g) Sampling Equipment Support.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003

FDEP Rule	GULF POWER - CRIST UNIT 3 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(7) Frequency of Compliance Tests.					
	(a) General Compliance Testing.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	1. Compliance test requirement prior to obtaining operating permit.	0330045		×	Applicable if operated more than 400 hours on oil.	Unit 003
	2. Annual test requirement for excess PM emissions.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	3. Annual test requirement prior to obtaining renewal permit.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	4.(a) Annual VE test,	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	(b) Annual test for lead, acrylonitrile and other regulated pollutants,	0330045		×		Unit 003
	(c) Annual test for each NESHAP pollutant	0330045		×		Unit 003
	5. No annual PM test required if burn no liquid and/or solid fuel for greater than 400 hrs/year.	0330045	✓			Unit 003
	6. Exemption from semi-annual PM test for steam generators.	0330045		×		Unit 003
	7. Exemption from quarterly PM test for units not utilizing liquid and/or solid fuel for more than 100 hrs.	0330045		×		Unit 003
	8. Five year VE test requirement for units that operate no more than 400 hrs/year.	0330045		×		Unit 003
	9. Fifteen day advance notification requirement prior to test.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003
	10. Compliance test exemption for exempt units and units utilizing a general permit.	0330045		×		Unit 003
62-297.310	(b) Special Compliance Tests.	0330045	✓		Applicable upon any complaint.	Unit 003
	(c) Waiver of Compliance Test Requirement.	0330045		×		Unit 003

GULF POWER - CRIST UNIT 3 FDEP APPLICABLE REQUIREMENTS LIST		Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
FDEP Rule	FDEP Title		Yes	No/NA		
	(8) Test Reports.	0330045	✓		Applicable if operated more than 400 hours on oil.	Unit 003

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 3

Crist Plant Unit 3 Electric Utility Boiler

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	Stack
2. Emission Point Type Code :	2
3. Descriptions of Emission Points Comprising this Emissions Unit :	Stack is shared with units 1, 2, 3, 4, and 5.
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	Crist Plant Unit 1 - ARMS #001 Crist Plant Unit 2 - ARMS #002 Crist Plant Unit 3 - ARMS #003 Crist Plant Unit 4 - ARMS #004 Crist Plant Unit 5 - ARMS #005
5. Discharge Type Code :	V
6. Stack Height :	450 feet
7. Exit Diameter :	18.0 feet
8. Exit Temperature :	290 °F
9. Actual Volumetric Flow Rate :	802500 acfm
10. Percent Water Vapor :	9.00 %
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	feet
13. Emission Point UTM Coordinates :	Zone : 16 East (km) : 478.600 North (km) : 3381.300
14. Emission Point Comment :	

III. Part 7a - 1

the latitude of the stack is 030 33' 58"
The longitude is 087 13' 44'

III. Part 7a - 2

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 3

Crist Plant Unit 3 Electric Utility Boiler

Nat Gas

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with natural gas. Emissions related to million cubic feet of gas consumed.	
2. Source Classification Code (SCC) : 1-01-006-01	
3. SCC Units : Million Cubic Feet Burned (all gaseous fuels)	
4. Maximum Hourly Rate : 0.55	5. Maximum Annual Rate : 4,818.00
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 0.01	8. Maximum Percent Ash : 0.00
9. Million Btu per SCC Unit : 1,000	
10. Segment Comment : Heat content for natural gas ranges from 1000 to 1050 MBtu/Million Cubic Feet. Unit 3 is considered primarily a natural gas fired unit under EPA Title IV definitions.	

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 3

Crist Plant Unit 3 Electric Utility Boiler

#2 used

Segment Description and Rate : Segment 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with #2 fuel oil and "on-spec." used oil. Emissions related to thousand gallons burned.	
2. Source Classification Code (SCC) : 1-01-005-01	
3. SCC Units : Thousand Gallons Burned (all liquid fuels)	
4. Maximum Hourly Rate : 4.01	5. Maximum Annual Rate : 35,171.40
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 0.50	8. Maximum Percent Ash : 0.10
9. Million Btu per SCC Unit : 138	
10. Segment Comment : Heat content of #2 fuel range from 137,000 to 141,000 BTU/gallon. Average MBTU/SCC is 138,000.	

III. Part 8 - 2

F. SEGMENT (PROCESS/FUEL) INFORMATION

#6

Emissions Unit Information Section 3

Crist Plant Unit 3 Electric Utility Boiler

Segment Description and Rate : Segment 3

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with #6 fuel oil. Emissions related to thousand gallons burned.	
2. Source Classification Code (SCC) : 1-01-004-01	
3. SCC Units : Thousand Gallons Burned (all liquid fuels)	
4. Maximum Hourly Rate : 4.01	5. Maximum Annual Rate : 35,171.40
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 1.50	8. Maximum Percent Ash : 0.10
9. Million Btu per SCC Unit : 150	
10. Segment Comment : Heat content of #6 fuel ranges from 137,000 to 150,000 BTU/gallon. Average MBTU/SCC is 137,000.	

III. Part 8 - 3

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
SO2			EL
SAM			NS
NOX			NS
CO			NS
PM			EL
PM10			NS
VOC			NS
H015			NS
H021			NS
H027			NS
H046			NS
PB			NS
H113			NS

III. Part 9a - 1

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

Emissions Unit Information Section 3
Crist Plant Unit 3 Electric Utility Boiler

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
H114			NS
H133			NS
H047			NS
H014			NS
H017			NS
H169			NS
H162			NS
HCL			NS
H107			NS
DIOX			NS
H161			NS
H151			NS
H095			NS

III. Part 9a - 2

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3

Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted :	SO2		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	945.60	lb/hour	4,141.60 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			to tons/year
6. Emissions Factor : Reference : AP-42			
7. Emissions Method Code :	3		
8. Calculations of Emissions :	<p>[157(S) lb/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]=4141.6 tons/yr @ 1.5% S Source--AP-42</p>		
9. Pollutant Potential/Estimated Emissions Comment :	<p>The maximum allowable emissions for this pollutant is 1.98 lb/Mmbtu heat input</p>		

III. Part 9b - 1

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3

Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted :	SAM		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	42.06	lb/hour	184.21 tons/year
4. Synthetically Limited?	[] Yes [X] No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : AP-42		
7. Emissions Method Code :	3		
8. Calculations of Emissions :	[6.983(S%) lb/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]=184.21 tons/yr Source--AP-42		
9. Pollutant Potential/Estimated Emissions Comment :			

III. Part 9b - 2

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 3

1. Pollutant Emitted :	NOX		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	302.50	lb/hour	1,324.95 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : AP-42			
7. Emissions Method Code :	3		
8. Calculations of Emissions :	$[550 \text{ lb/mmcf}] [.55 \text{ mmcf/hr}] [8760 \text{ hr/yr}] [1/2000]=1324.95 \text{ tons/yr}$ Source-- AP-42		
9. Pollutant Potential/Estimated Emissions Comment :			

III. Part 9b - 3

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
 (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3

Crist Plant Unit 3 Electric Utility ~~Boiler~~

Pollutant Potential/Estimated Emissions : Pollutant 4

1. Pollutant Emitted :	CO
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	22,000 lb/hour 96.36 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive/Other Emissions:	to tons/year
6. Emissions Factor : Reference : AP-42 & Fire	
7. Emissions Method Code :	3
8. Calculations of Emissions :	[40 lb/mmcf] [.55 mmcf/hr] [8760 hr/yr] [1/2000]=96.36 tons/yr Source--AP-42 & fire
9. Pollutant Potential/Estimated Emissions Comment :	

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Emissions Unit Information Section 3
Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 5

1. Pollutant Emitted :	PM		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	55.00	lb/hour	240.90 tons/year
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:			to tons/year
6. Emissions Factor : Reference :			
7. Emissions Method Code :	0		
8. Calculations of Emissions :	0.1 lb/MBTU * 550 MBTU/hr = 55.0 lb/hour set by allowable.		
9. Pollutant Potential/Estimated Emissions Comment :	The maximum allowable emissions for this pollutant is 0.1 lb/Mmbtu heat input. Also the visible emissions are limited to 20% opacity except for one two minute period/hour of up to 40% percent opacity.		

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Emissions Unit Information Section 3
Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 6

1. Pollutant Emitted :	PM10						
2. Total Percent Efficiency of Control :	%						
3. Potential Emissions :	<table style="width:100%; border:none;"> <tr> <td style="text-align:right; width:25%;">48.48</td> <td style="text-align:center; width:25%;">lb/hour</td> <td style="text-align:right; width:25%;">212.34</td> <td style="text-align:right; width:25%;">tons/year</td> </tr> </table>	48.48	lb/hour	212.34	tons/year		
48.48	lb/hour	212.34	tons/year				
4. Synthetically Limited? [X] Yes [] No							
5. Range of Estimated Fugitive/Other Emissions:	<table style="width:100%; border:none;"> <tr> <td style="width:60%;"></td> <td style="text-align:center;">to</td> <td style="width:40%;"></td> </tr> <tr> <td></td> <td></td> <td style="text-align:right;">tons/year</td> </tr> </table>		to				tons/year
	to						
		tons/year					
6. Emissions Factor :	Reference : AP-42 & Fire						
7. Emissions Method Code :	3						
8. Calculations of Emissions :							
<p>[12.074 lb/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]=212.34 tons/yr Source--AP-42 & FIRE</p>							
9. Pollutant Potential/Estimated Emissions Comment :							
<p>The maximum allowable emissions for this pollutant is 0.1 lb/Mmbtu heat input.</p>							

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3

Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 7

1. Pollutant Emitted :	VOC		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	3.05	lb/hour	13.37 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : Fire			
7. Emissions Method Code :	3		
8. Calculations of Emissions :	[.76 lb/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]=13.37 tons/yr Source--Fire		
9. Pollutant Potential/Estimated Emissions Comment :			

III. Part 9b - 7

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 8

1. Pollutant Emitted :	H015
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	0.00 lb/hour 0.01 tons/year
4. Synthetically Limited? [] Yes [X] No	
5. Range of Estimated Fugitive/Other Emissions:	to tons/year
6. Emissions Factor : Reference : SR	
7. Emissions Method Code :	5
8. Calculations of Emissions :	[.00083 lb arsenic/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]=.0146 tons/yr Source-- SR
9. Pollutant Potential/Estimated Emissions Comment :	

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 9

1. Pollutant Emitted :	H021		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.00 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00003 lb beryllium/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]=.0005276 tons/yr Source--SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 10

1. Pollutant Emitted :	H027		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.00 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor : Reference :	SR		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.000195 lb cadmium/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]=.003429 tons/yr Source--SR		
9. Pollutant Potential/Estimated Emissions Comment :			

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Emissions Unit Information Section 3

Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 11

1. Pollutant Emitted :	H046		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.01 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			to tons/year
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	<p>[.00078 lb chromium/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]=.01372 tons/yr Source--SR</p>		
9. Pollutant Potential/Estimated Emissions Comment :			

III. Part 9b - 11

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 12

1. Pollutant Emitted :	PB		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.01	lb/hour	0.02 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : SR Def			
7. Emissions Method Code :	5		
8. Calculations of Emissions : [.0012549 lb/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]=.0021 tons/yr Source-- SR Def			
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 13

1. Pollutant Emitted :	H113		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.01	lb/hour	0.03 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:			to tons/year
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00195 lb manganese/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]=.03429 tons/yr Source-- SR		
9. Pollutant Potential/Estimated Emissions Comment :	 		

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 14

1. Pollutant Emitted :	H114		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.00 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : MTF			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00015 lb mercury/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]=.002638 tons/yr Source--MTF		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 15

1. Pollutant Emitted :	H133		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.43	lb/hour	1.90 tons/year
4. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : SR		
7. Emissions Method Code :	5		
8. Calculations of Emissions:	[.108 lb nickel/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]=1.8994 tons/yr Source SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3

Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 16

1. Pollutant Emitted :	H047		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.02	lb/hour	0.10 tons/year
4. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : SR		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00555 lb cobalt/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]=.0976 tons/yr Source-- SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 17

1. Pollutant Emitted :	H014		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.02	lb/hour	0.09 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor : Reference : AP-42			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00525 lb antimony/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]=.09233 tons/yr Source AP-42		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 18

1. Pollutant Emitted :	H017		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.00 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.000165 lb benzene/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]= .002901 tons/yr. Source:SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 19

1. Pollutant Emitted :	H169		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.01	lb/hour	0.03 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	$[.001485 \text{ lb toluene/kgals}] [4.0152 \text{ kgals/hr}] [8760 \text{ hr/yr}] [1/2000] = .02612 \text{ tons/yr}$ Source: SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 20

1. Pollutant Emitted :	H162		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.01 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.0003 lb selenium/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000] =.005276 tons/yr Source: SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 21

1. Pollutant Emitted :	HCL
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	4.01 lb/hour 17.55 tons/year
4. Synthetically Limited? [] Yes [X] No	
5. Range of Estimated Fugitive/Other Emissions:	to tons/year
6. Emissions Factor : Reference : GDW/Schimdt	
7. Emissions Method Code :	5
8. Calculations of Emissions :	[.997988 lb/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000] = 17.551 tons/yr Source: GDW/Schimdt
9. Pollutant Potential/Estimated Emissions Comment :	

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 22

1. Pollutant Emitted :	H107		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	3.38	lb/hour	14.82 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : GDW cal			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.842446 lb HF/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000] = 14.8157 tons/yr Source: GDW cal		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 23

1. Pollutant Emitted :	DIOX		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.00	lb/hour	0.00 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00000000125 lb/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]= .00000002189 tons/yr. Source: SR		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 24

1. Pollutant Emitted :	H161	
2. Total Percent Efficiency of Control :	%	
3. Potential Emissions :	lb/hour	tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions:	to	tons/year
6. Emissions Factor : Reference : EPRI SR		
7. Emissions Method Code :	2	
8. Calculations of Emissions :		
	1.9 pCi radionuclides/g particulate	
	1.9 (454 g/lb) (55 lb particulate/hr) = 47443 pCi/hr	
	1.9 (454) (55) (8760 hr/yr) = 415600680 pCi/yr	
9. Pollutant Potential/Estimated Emissions Comment :		
	Source; EPRI Synthesis Report This pollutant not measured in lb/hr or ton/yr.	

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 25

1. Pollutant Emitted :	H151		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.01	lb/hour	0.06 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : Rad			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.0031725 lb POM/kgals] [4.0152 kgals/hr] [8760 hr/yr] [1/2000]=.0558 tons/yr Source: Rad		
9. Pollutant Potential/Estimated Emissions Comment :			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 3
 Crist Plant Unit 3 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 26

1. Pollutant Emitted :	H095		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.01	lb/hour	0.05 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor : Reference :	EPRI SR		
7. Emissions Method Code :	2		
8. Calculations of Emissions :	.00282 lbs formaldehyde/kgals .00282 (4.0152 kgals/hr) = .011 HCOH lbs/hr .00282 (2.335) (8760 hr/yr) (1ton/2000lbs) = .050 tons/yr		
9. Pollutant Potential/Estimated Emissions Comment :	Source; EPRI Synthesis Report		

Emissions Unit Information Section 3
Crist Plant Unit 3 Electric Utility Boiler

Pollutant Information Section 1

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :			
3. Requested Allowable Emissions and Units :	1.98	lbs/mmBtu	
4. Equivalent Allowable Emissions :	1,089.00	lb/hour	4,769.80 tons/year
5. Method of Compliance :	Proper combustion & low sulfur fuel		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Rule: 62-296.405(1)(c) i.e.		

Emissions Unit Information Section 3
Crist Plant Unit 3 Electric Utility Boiler

Pollutant Information Section 5

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :			
3. Requested Allowable Emissions and Units :	0.10	lbs/mmBtu	
4. Equivalent Allowable Emissions :	55.00	lb/hour	240.90 tons/year
5. Method of Compliance :	Proper combustion & annual testing when oil burned >400 hrs.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Rule: 62-296.405(1)(b)		

III. Part 9c - 2

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 3
Crist Plant Unit 3 Electric Utility Boiler

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype : VE
2. Basis for Allowable Opacity : RULE
3. Requested Allowable Opacity : Normal Conditions : 20 % Exceptional Conditions : 40 % Maximum Period of Excess Opacity Allowed : 2 min/hour
4. Method of Compliance : Annual Method #9 Test; Rule: 62-296.405(1)(e)1.
5. Visible Emissions Comment : Rule: 62-296.405(1)(a)

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 3
Crist Plant Unit 3 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : NOX	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : TECO Model Number : 42D Serial Number : 42D-44171-270	
5. Installation Date :	31-Jul-1994
6. Performance Specification Test Date :	24-Aug-1994
7. Continuous Monitor Comment : Spectrum systems model 300 dilution monitoring systems uses Siemens and TECO analyzers. CEM required under Title IV 40 CFR Part 75.	

III. Part 11 - 1

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 3
Crist Plant Unit 3 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : CO2	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Siemens Model Number : ULTRAMAT 5E Serial Number : C6-196	
5. Installation Date :	31-Jul-1994
6. Performance Specification Test Date :	24-Aug-1994
7. Continuous Monitor Comment : Spectrum System Model 300 Dilution Monitoring System uses Siemens and TECO analyzers. CEM required under Title IV 40 CFR Part 75.	

III. Part 11 - 2

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 3
Crist Plant Unit 3 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : EM	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Unit uses fuel flow and fuel analysis to calculate SO2 emissions. SO2 system is an Appendix D CEM system under Title IV 40 CFR Part 75.	

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION**

Emissions Unit Information Section 3

Crist Plant Unit 3 Electric Utility Boiler

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

III. Part 12 - 1

2. Increment Consuming for Nitrogen Dioxide?

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code :		
PM : U	SO2 : U	NO2 : U
4. Baseline Emissions :		
PM :	lb/hour	tons/year
SO2 :	lb/hour	tons/year
NO2 :		tons/year
5. PSD Comment :		

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 3

Crist Plant Unit 3 Electric Utility Boiler

Supplemental Requirements for All Applications

1. Process Flow Diagram :	EUS3-1
2. Fuel Analysis or Specification :	ESU3-2
3. Detailed Description of Control Equipment :	NA
4. Description of Stack Sampling Facilities :	NA
5. Compliance Test Report :	NA
6. Procedures for Startup and Shutdown :	ESU3-6
7. Operation and Maintenance Plan :	NA
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statue :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	ESU3-10
11. Alterntive Modes of Operation (Emissions Trading) :	NA

III. Part 13 - 1

12. Identification of Additional Applicable Requirements :	ESU3-12
13. Compliance Assurance Monitoring Plan :	NA
14. Acid Rain Application (Hard-copy Required) : ESU3-14 Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) New Unit Exemption (Form No. 62-210.900(1)(a)2.) Retired Unit Exemption (Form No. 62-210.900(1)(a)3.)	

III. Part 13 - 2