

Title V
CRIST ELECTRIC
GENERATING

PLANT PERMIT
APPLICATION

Volume II

III. EMISSIONS UNIT INFORMATION

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

Emissions Unit Information Section 4

Crist Plant Unit 4 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 4 Electric Utility Boiler		
2. Emissions Unit Identification Number :		004
[] 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 4 is a Combustion Engineering tangentially fired, dry bottom electric utility boiler. The primary fuels are coal and natural gas. Distillate #2 fuel oil is combusted as a secondary fuel.		

Emissions Unit Information Section 4
Crist Plant Unit 4 Electric Utility Boiler

Emissions Unit Control Equipment 1

1. Description :

Particulate emissions from Crist Unit 4 are controlled by hot side electrostatic precipitators manufactured by Buell Model Bal. 2x34n333-4-3p and cold side precipitators Buell Model 1.1x48k33-1p. Additional control is obtained by proper operation of the boiler and by the amount of sulfur in the fuel.

2. Control Device or Method Code : 10

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

Emissions Unit Information Section 4
Crist Plant Unit 4 Electric Utility Boiler

Emissions Unit Details

1. Initial Startup Date :	01-Jul-1959	
2. Long-term Reserve Shutdown Date :		
3. Package Unit :		
Manufacturer :	Model Number :	
4. Generator Nameplate Rating :	93	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 :	977	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 4 is capable of full load on coal with #2 fuel oil and "on-spec." used oil as secondary fuels. See Specific Condition 2 in permit in EUS4-12 regarding max heat input at 110% of item 1 above.		

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 4
Crist Plant Unit 4 Electric Utility Boiler

Rule Applicability Analysis

Not Applicable

List of Applicable Regulations

Title V Core List

Crist Unit 4 Federal-Regulation List (Cr4rule.EPA)

Crist Unit 4 State-Regulation List (Cr4rule.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.

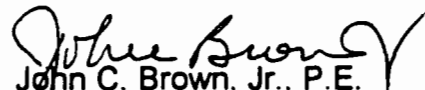
The Department has made numerous changes in its rules in recent months. Therefore, the Title V Core List, a list of rules that presumptively applies to each Title V source, has been updated and is provided for your convenience in completing the Title V application.

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.

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

<u>From:</u>	<u>To:</u>
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.

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

From:

To:

62-297:

297.200 - all definitions

297.310(4)

297.330(1)

297.330(1)(a)-(b)

297.330(1)(b)1.-3.

297.330(2)-(5)

Table 297.330-1

297.340(1)

297.340(1)(a)-(b)

297.340(1)(c)

297.340(1)(c)1.-2.

297.340(1)(d)

297.340(1)(d)1.

297.340(1)(d)2.a.-c.

297.340(1)(d)3.

297.340(1)(e)-(j)

297.340(2)-(3)

297.345

297.345(1)-(2)

297.345(3)(a)1.-5.

297.345(3)(b)1.-4.

297.345(3)(c)1.-2.

297.345(3)(d)1.-2.

297.345(3)(e)1.

297.345(3)(e)1.a.-c.

297.345(3)(e)2.-3.

297.350(1)-(2)

297.400(1)

297.420(1)

297.420(2)(a)-(b)

297.570(1)-(3)

297.570(3)(a)-(u)

210.200 - definitions merged in as needed

297.310(9)

297.310(4)(a)

297.310(4)(a)1.-2.

297.310(4)(a)2.a.-c.

297.310(4)(b)-(e)

Table 297.310-1

297.310(7)(a)

297.310(7)(a)1.-2.

297.310(7)(a)3.

297.310(7)(a)3.a.-b.

297.310(7)(a)4.

297.310(7)(a)4.a.

297.310(7)(a)4.b. - lang. combined in one paragraph

297.310(7)(a)4.c.

297.310(7)(a)5.-10.

297.310(7)(b)-(c)

297.310(6)

297.310(6)(a)-(b)

297.310(6)(c)1.-5.

297.310(6)(d)1.-4.

297.310(6)(e)1.-2.

297.310(6)(f)1.-2.

297.310(6)(g)1.

297.310(6)(g)1.a.-c.

297.310(6)(g)2.-3.

297.310(5)(a)-(b)

297.401 - last two sentences

297.401(9)(c)1.

297.401(9)(c)2.a.-b.

297.310(8)(a)-(c)

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 4 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 004
60.8	Performance tests.	0330045		×		Unit 004
60.11	Compliance with standards and maintenance requirements.	0330045		×		Unit 004
60.12	Circumvention.	0330045		×		Unit 004
60.13	Monitoring requirements	0330045		×		Unit 004
60.19	General notifications and reporting requirements	0330045		×		Unit 004
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 004
60.43	Standard for sulfur dioxide.	0330045		×		Unit 004
60.44	Standard for nitrogen oxides.	0330045		×		Unit 004
60.45	Emission and fuel monitoring.	0330045		×		Unit 004
60.46	Test methods and procedures.	0330045		×		Unit 004
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 004
60.43a	Standard for sulfur dioxide.	0330045		×		Unit 004
60.44a	Standard for nitrogen oxides.	0330045		×		Unit 004
60.45a	Commercial demonstration permit.	0330045		×		Unit 004
60.46a	Compliance provisions.	0330045		×		Unit 004
60.47a	Emission monitoring.	0330045		×		Unit 004

EPA Rule	GULF POWER - CRIST UNIT 4 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 004
60.49a	Reporting requirements.	0330045		X		Unit 004
Subpart Db — Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units						
60.42b	Standard for sulfur dioxide.	0330045		X		Unit 004
60.43b	Standard for particulate matter.	0330045		X		Unit 004
60.44b	Standard for nitrogen oxides.	0330045		X		Unit 004
60.45b	Compliance and performance test methods and procedures for sulfur dioxide.	0330045		X		Unit 004
60.46b	Compliance and performance test methods and procedures for particulate matter and nitrogen oxides.	0330045		X		Unit 004
60.47b	Emission monitoring for sulfur dioxide.	0330045		X		Unit 004
60.48b	Emission monitoring for particulate matter and nitrogen oxides.	0330045		X		Unit 004
60.49b	Reporting and recordkeeping.	0330045		X		Unit 004
Subpart Dc — Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units						
60.42c	Standard for sulfur dioxide.	0330045		X		Unit 004
60.43c	Standard for particulate matter.	0330045		X		Unit 004
60.44c	Compliance and performance test methods and procedures for sulfur dioxide.	0330045		X		Unit 004
60.45c	Compliance and performance test methods and procedures for particulate matter.	0330045		X		Unit 004
60.46c	Emission monitoring for sulfur dioxide.	0330045		X		Unit 004
60.47c	Emission monitoring for particulate matter.	0330045		X		Unit 004
60.48c	Reporting and recordkeeping.	0330045		X		Unit 004

EPA Rule	GULF POWER - CRIST UNIT 4 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 004
60.113	Monitoring of operations.	0330045		×		Unit 004
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 004
60.113a	Testing and procedures.	0330045		×		Unit 004
60.114a	Alternative means of emission limitations.	0330045		×		Unit 004
60.115a	Monitoring of operations.	0330045		×		Unit 004
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 004
60.113b	Testing and procedures.	0330045		×		Unit 004
60.114b	Alternative means of emission limitations.	0330045		×		Unit 004
60.115b	Recordkeeping and reporting requirements.	0330045		×		Unit 004
60.116b	Monitoring of operations.	0330045		×		Unit 004
Subpart Y — Standards of Performance for Coal Preparation Plants						
60.252	Standard for particulate matter.	0330045		×		Unit 004
60.253	Monitoring of operations.	0330045		×		Unit 004
60.254	Test methods and procedures.	0330045		×		Unit 004
Subpart GG — Standards of Performance for Stationary Gas Turbines						
60.332	Standard for nitrogen oxides.	0330045		×		Unit 004

EPA Rule	GULF POWER - CRIST UNIT 4 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 004
60.334	Monitoring of operations.	0330045		×		Unit 004
60.335	Test methods and procedures.	0330045		×		Unit 004
Subpart 000 — Standards of Performance for Nonmetallic Mineral Processing Plants						
60.672	Standard for Particulate Matter.	0330045		×		Unit 004
60.674	Monitoring of Operations.	0330045		×		Unit 004
60.676	Reporting and Recordkeeping.	0330045		×		Unit 004
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 004

EPA Rule	GULF POWER - CRIST UNIT 4 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 004
63.7	Performance Testing Requirements.	0330045		×		Unit 004
63.8	Monitoring Requirements.	0330045		×		Unit 004
63.9	Notification Requirements.	0330045		×		Unit 004
63.10	Reporting and Recordkeeping Requirements.	0330045		×		Unit 004
63.11	Control Device Requirements.	0330045		×		Unit 004
Subpart Q — National Emission Standards for Industrial Process Cooling Towers						
63.402	Standard.	0330045		×		Unit 004
63.403	Compliance Dates.	0330045		×		Unit 004
63.404	Compliance Demonstrations.	0330045		×		Unit 004
63.405	Notification Requirements.	0330045		×		Unit 004
63.406	Recordkeeping and Reporting Requirements.	0330045		×		Unit 004
Subpart T — National Emission Standards for Halogenated Solvent Cleaning						
63.462	Batch Cold Cleaning Machine Standards.	0330045		×		Unit 004
63.463	Batch Vapor and In-Line Cleaning Machine Standards.	0330045		×		Unit 004
63.464	Alternative Standards.	0330045		×		Unit 004
63.465	Test Methods.	0330045		×		Unit 004
63.466	Monitoring Procedures.	0330045		×		Unit 004
63.467	Recordkeeping Requirements.	0330045		×		Unit 004
63.468	Reporting Requirements.	0330045		×		Unit 004
Part 72 - EPA Acid Rain Program Permits						
Subpart A — General Provisions						

EPA Rule	GULF POWER - CRIST UNIT 4 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 004
72.8	Retired Units Exemption.	0330045		×		Unit 004
72.9	Standard Requirements.	0330045	✓			Unit 004
Subpart B — Designated Representative						
72.20	Authorization and Responsibilities of the Designated Representative	0330045	✓			Unit 004
72.21	Submissions.	0330045	✓			Unit 004
72.22	Alternate Designated Representative.	0330045	✓			Unit 004
72.23	Changing the Designated Representative, Alternate Designated Representative; Changes in the Owners and Operators.	0330045	✓			Unit 004
Subpart C — Acid Rain Applications						
72.30	Requirements to Apply.	0330045	✓			Unit 004
72.32	Permit Applications Shield and Binding Effect of Permit Application.	0330045	✓			Unit 004
72.33	Identification of Dispatch System.	0330045	✓			Unit 004
Subpart D — Acid Rain Compliance Plan and Compliance Options						
72.40	General.	0330045	✓			Unit 004
72.41	Phase I Substitution Plans.	0330045	✓			Unit 004
72.42	Phase I Extension Plans.	0330045		×		Unit 004
72.43	Phase I Reduced Utilization Plans.	0330045	✓			Unit 004
72.44	Phase II Repowering Extensions.	0330045		×		Unit 004
Subpart E — Acid Rain Permit Contents						
72.51	Permit Shield.	0330045	✓			Unit 004
Subpart I - Compliance Certification						

EPA Rule	GULF POWER - CRIST UNIT 4 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 004
72.91	Phase I Unit Adjusted Utilization.	0330045	✓			Unit 004
72.92	Phase I Unit Allowance Surrender.	0330045	✓			Unit 004
72.93	Units with Phase I Extension Plans.	0330045		×		Unit 004
72.94	Units with Repowering Extension Plans.	0330045		×		Unit 004
Part 73 - EPA Acid Rain Program Sulfur Dioxide Allowance System						
Subpart C — Allowance Tracking System						
73.33	Authorized Account Representative	0330045	✓			Unit 004
73.35	Compliance.	0330045	✓			Unit 004
Part 75 - EPA Acid Rain Program For Continuous Emission Monitoring						
Subpart A — General						
75.4	Compliance Dates.	0330045	✓			Unit 004
75.5	Prohibitions.	0330045	✓			Unit 004
Subpart B — Monitoring Provisions						
75.10	General Operating Requirements.	0330045	✓			Unit 004
75.11	Specific Provisions for Monitoring SO ₂ Emissions (SO ₂ and Flow Monitors).	0330045	✓			Unit 004
75.12	Specific Provisions for Monitoring NO _x Emissions (NO _x and Diluent Gas Monitors).	0330045	✓			Unit 004
75.13	Specific Provisions for Monitoring CO ₂ Emissions.	0330045	✓			Unit 004
75.14	Specific Provisions for Monitoring Opacity.	0330045	✓			Unit 004
75.15	Specific Provisions for Monitoring SO ₂ Emissions Removal by Qualifying Phase I Technology.	0330045		×		Unit 004

EPA Rule	GULF POWER - CRIST UNIT 4 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 004
75.17	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for NO _x Emission Rate.	0330045		×		Unit 004
75.18	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for Opacity.	0330045		×		Unit 004
Subpart C — Operation and Maintenance Requirements						
75.20	Certification and Recertification Procedures.	0330045	✓			Unit 004
75.21	Quality Assurance and Quality Control Requirements.	0330045	✓			Unit 004
75.22	Reference Test Methods.	0330045	✓			Unit 004
75.24	Out-of-Control Periods.	0330045	✓			Unit 004
Subpart D — Missing Data Substitution Procedures						
75.30	General Provisions.	0330045	✓			Unit 004
75.31	Initial Missing Data Procedures.	0330045	✓			Unit 004
75.32	Determination of Monitor Data Availability for Standard Missing Data Procedures.	0330045	✓			Unit 004
75.33	Standard Missing Data Procedures.	0330045	✓			Unit 004
75.34	Units with Add-On Emission Controls.	0330045		×		Unit 004
75.35	Missing Data Procedures for CO ₂	0330045	✓			Unit 004
75.36	Missing Data Procedures for Heat Input	0330045	✓			Unit 004
Subpart E — Alternative Monitoring Systems						
75.40	General Demonstration Requirements.	0330045		×		Unit 004
75.41	Precision Criteria.	0330045		×		Unit 004
75.42	Reliability Criteria.	0330045		×		Unit 004

EPA Rule	GULF POWER - CRIST UNIT 4 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		X		Unit 004
75.44	Timeliness Criteria.	0330045		X		Unit 004
75.45	Daily Quality Assurance Criteria.	0330045		X		Unit 004
75.46	Missing Data Substitution Criteria.	0330045		X		Unit 004
75.47	Criteria for a Class of Affected Units.	0330045		X		Unit 004
75.48	Petition for an Alternative Monitoring System.	0330045		X		Unit 004
Subpart F — Recordkeeping Requirements						
75.50	General Recordkeeping Provisions.	0330045	✓			Unit 004
75.51	General Recordkeeping Provisions for Specific Situations.	0330045		X		Unit 004
75.52	Certification, Quality Assurance, and Quality Control Record Provisions.	0330045	✓			Unit 004
75.53	Monitoring Plan.	0330045	✓			Unit 004
75.54	General Recordkeeping Provisions	0330045	✓			Unit 004
75.55	General Recordkeeping Provisions for Special Situations	0330045	✓			Unit 004
75.56	Certification, Quality Assurance and Quality Control Record Provision	0330045	✓			Unit 004
Subpart G — Reporting Requirements						
75.60	General Provisions.	0330045	✓			Unit 004
75.61	Notification of Certification and Recertification Test Dates.	0330045	✓			Unit 004
75.62	Monitoring Plan.	0330045	✓			Unit 004
75.63	Certification or Recertification Applications.	0330045	✓			Unit 004
75.64	Quarterly Reports.	0330045	✓			Unit 004
75.65	Opacity Reports.	0330045	✓			Unit 004

EPA Rule	GULF POWER - CRIST UNIT 4 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 004
Appendix B to Part 75 — Quality Assurance and Quality Control Procedures		0330045	✓			Unit 004
Appendix C to Part 75 — Missing Data Statistical Estimation Procedures		0330045	✓			Unit 004
Appendix D to Part 75 — Optional SO ₂ Emissions Data Protocol for Gas-Fired Units and Oil-Fired Units		0330045		×		Unit 004
Appendix E to Part 75 — Optional NO _x Emissions Estimation Protocol for Gas-Fired Peaking Units and Oil-Fired Peaking Units		0330045		×		Unit 004
EPA Part 76 - Acid Rain Nitrogen Oxides Emission Reduction Program						
76.5	NO _x Emission Limitations for Group 1 Boilers.	0330045	✓			Unit 004
76.8	Early Election for Group 1, Phase II Boilers.	0330045		×		Unit 004
76.9	Permit Applications and Compliance Plans.	0330045	✓			Unit 004
76.10	Alternative Emission Limitations.	0330045	✓			Unit 004
76.11	Emissions Averaging.	0330045	✓			Unit 004
76.12	Phase I NO _x Compliance Extensions.	0330045		×		Unit 004
76.13	Compliance and Excess Emissions	0330045	✓			Unit 004
76.14	Monitoring, Recordkeeping, and Reporting.	0330045	✓		Only if AEL is requested.	Unit 004
76.15	Test Methods and Procedures.	0330045	✓		Only if AEL is requested.	Unit 004
EPA Part 77 - Excess Emissions						
77.3	Offset Plans	0330045	✓			Unit 004
77.5(b)	Deduction of Allowances	0330045	✓			Unit 004
77.6	Excess Emission Penalties for SO ₂ and No _x ; and	0330045	✓			Unit 004
EPA Part 82 - Protection Of Stratospheric Ozone						

EPA Rule	GULF POWER - CRIST UNIT 4 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 4
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
62-4.04(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 004
	(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 004
	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 004
	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 004
	3. 40 CFR 60.40b Subpart Db, Industrial-Commercial-Institutional Steam Generating Units.	0330045		X	State only.	Unit 004
	4. 40 CFR 60.40c Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units.	0330045		X	State only.	Unit 004
	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 004
	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 004

GULF POWER - CRIST UNIT 4 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	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 004
	29. 40 CFR 60.250 Subpart Y, Coal Preparation Plants.	0330045		×	State only.	Unit 004
	37. 40 CFR 60.330 Subpart GG, Stationary Gas Turbines.	0330045		×	State only.	Unit 004
	62. 40 CFR 60.670 Subpart OOO, Non-Metallic Mineral Processing Plants.	0330045		×	State only.	Unit 004
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 004
	(7)(d) General Provisions Adopted.	0330045		×	State only.	Unit 004
	(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 004
	1. 40 CFR 60 Appendix A, Test Methods, are adopted by reference.	0330045		×	State only.	Unit 004
	2. 40 CFR 60 Appendix B, Performance Specifications.	0330045		×	State only.	Unit 004
	3. 40 CFR 60 Appendix C, Determination of Emission Rate Change.	0330045		×	State only.	Unit 004
	5. 40 CFR 60 Appendix F, Quality Assurance Procedures.	0330045		×	State only.	Unit 004
62-204.800(8)	National Emission Standards for Hazardous Air Pollutants (NESHAPS).					
	(8) Standards Adopted.	0330045		×	State only.	Unit 004
	(b)8. 40 CFR Part 61 Subpart M Asbestos.	0330045	✓		State only.	Unit 004

GULF POWER - CRIST UNIT 4 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(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 004
62-204.800(9)	National Emission Standards for Hazardous Air Pollutants (NESHAPS) - Part 63.					
	(9) Standards Adopted.	0330045		✗	State only.	Unit 004
	(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 004
	(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 004
	(d) General Subparts Adopted.	0330045		✗	State only.	Unit 004
	1. 40 CFR 63 Subpart A, General Provisions	0330045		✗	State only.	Unit 004
	2. 40 CFR 63 Subpart B, Equivalent Emission Limitation by Permit (112(j))	0330045		✗	State only.	Unit 004
	4. 40 CFR 63 Subpart D, Compliance Extensions for Early Reductions	0330045		✗	State only.	Unit 004
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 004
62-204.800 (13)	Adoption of 40 CFR 73, S02 Allowance System	0330045	✓		State only.	Unit 004
62-204.800 (14)	Adoption of 40 CFR 75, CEMS	0330045	✓		State only.	Unit 004
62-204.800 (15)	Adoption of 40 CFR 76, Acid Rain Nox Requirement	0330045	✓		State only.	Unit 004
62-204.800 (16)	Adoption of 40 CFR 77, Acid Rain Excess Emissions	0330045	✓		State only.	Unit 004

FDEP Rule	GULF POWER - CRIST UNIT 4 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 004/ 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 004
	(3) Annual Operating Report for Air Pollutant Emitting Facility.	0330045	✓			Facility
62-210.650	Circumvention.	0330045		×		Unit 004
62-210.700	Excess Emissions.	0330045	✓			Unit 004
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 4 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		
62-213.205	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 004 /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 004
62-214.340	Exemptions.					
	(5) The owners and operators of each unit . . .	0330045	✓			Unit 004
	(6) A new unit shall no longer be exempted . . .	0330045		×		Unit 004
	(7) A retired unit shall no longer be exempted . . .	0330045	✓			Unit 004
62-214.350	Certification.	0330045	✓			Unit 004
62-214.430	Implementation and Termination of Compliance Options. Procedures for activation and termination of compliance options.					
	(1) Activation.	0330045	✓			Unit 004
	(2) Termination.	0330045	✓			Unit 004
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 4 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		
	(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	✓		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 4 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-281.500	(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 004
	(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 004
	(b) Particulate Matter - 0.1 pound per million Btu heat input, as measured by applicable compliance methods.	0330045	✓			Unit 004
	(c) Sulfur Dioxide, as measured by applicable compliance methods.	0330045	✓			Unit 004
	1. (c) e. Sources burning liquid fuel.	0330045	✓		1.98 lbs/MBTU	Unit 004
	2. (c) Sources burning solid fuel.	0330045	✓		5.90 lbs/MBTU	Unit 004

FDEP Rule	GULF POWER - CRIST UNIT 4 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 004
	(d) Nitrogen Oxides (expressed as NO _x).	0330045		×		Unit 004
62-296.405	(e) Test Methods and Procedures.	0330045	✓		Presumably federally enforceable.	Unit 004
	(f) Continuous Emissions Monitoring Requirements.	0330045	✓			Unit 004
	(g) Quarterly Reporting Requirements.	0330045	✓			Unit 004
	(2) New Emissions Units.					
	(a) Visible Emissions - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a	0330045		×		Unit 004
	(b) Particulate Matter - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a	0330045		×		Unit 004
	(c) Sulfur Dioxide - See Rule 62-204.800(7) and 40 CFR 60.43 and 60.43a	0330045		×		Unit 004
	(d) Nitrogen Oxides - See Rule 62-204.800(7) and 40 CFR 60.44 and 60.44a	0330045		×		Unit 004
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 004
	(2) Particulate Matter - Best available control technology in accordance with Rule 62-210.200(40)	0330045		×		Unit 004
	(3) Sulfur Dioxide - Best available control technology in accordance with Rule 62-210.200(40)	0330045		×		Unit 004
62-296.411	Sulfur Storage and Handling Facilities	0330045		×		Unit 004
62-296.500	Reasonably Available Control Technology (RACT) - Volatile Organic Compounds (VOC) and Nitrogen Oxides (NO _x) Emitting Facilities.					
	(1) Applicability.	0330045		×		Unit 004

GULF POWER - CRIST UNIT 4 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 004
	(a) Permits - Special Considerations.	0330045		X		Unit 004
	(b) Recordkeeping.	0330045		X		Unit 004
62-296.500	(c) Reporting.	0330045		X		Unit 004
	(3) Exceptions.	0330045		X		Unit 004
	(4) Consideration of Exempt Solvents	0330045		X		Unit 004
	(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 004
62-296.508	Petroleum Liquid Storage					
	(1) Applicability.	0330045		X		Unit 004
	(2) Control Technology.	0330045		X		Unit 004
	(3) Test Methods and Procedures.	0330045		X		Unit 004
62-296.511	Solvent Metal Cleaning.					
	(1) Applicability.	0330045		X		Unit 004
	(2) Cold Cleaning Control Technology.	0330045		X		Unit 004
	(3) Open Top Vapor Degreaser Control Technology.	0330045		X		Unit 004
	(4) Conveyorized Degreaser Control Technology.	0330045		X		Unit 004
	(5) Test Methods and Procedures.	0330045		X	* 8-hr test requirement not in SIP.	Unit 004
62-296.516	Petroleum Liquid Storage Tanks with External Floating Roofs					
	(1) Applicability.	0330045		X		Unit 004
	(2) Control Technology.	0330045		X		Unit 004
	(3) Test Methods and Procedures.	0330045		X		Unit 004

FDEP Rule	GULF POWER - CRIST UNIT 4 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 004
	(2) Compliance Requirements.	0330045		×	State Only	Unit 004
62-296.570	(3) Operation Permit Requirements.	0330045		×	State Only	Unit 004
	(4) RACT Emission Limiting Standards.	0330045		×	State Only	Unit 004
	(a) Compliance Dates and Monitoring.	0330045		×	State Only	Unit 004
	(b) Emission Limiting Standards.	0330045		×	State Only	Unit 004
	(c) Exception for Startup, Shutdown or Malfunction.	0330045		×	State Only	Unit 004
62-296.700	Reasonably Available Control Technology (RACT) Particulate Matter.					
	(1) Applicability.	0330045		×		Unit 004
	(2) Exemptions.	0330045		×		Unit 004
	(3) Specific RACT Emission Limiting Standards for Stationary Emissions Units.	0330045		×		Unit 004
	(4) Maximum Allowable Emission Rates.	0330045		×		Unit 004
	(a) Emissions Unit Data.	0330045		×		Unit 004
	(b) Maximum Emission Rates.	0330045		×		Unit 004
	(5) Circumvention.	0330045		×		Unit 004
	(6) Operation and Maintenance Plan.	0330045		×		Unit 004
	(a) Air Pollution Control Devices and Collection Systems.	0330045		×		Unit 004
	(b) Control Equipment Data.	0330045		×		Unit 004
	(c) Processing or Materials Handling Systems.	0330045		×		Unit 004
	(d) Fossil Fuel Steam Generators.	0330045		×		Unit 004
62-296.702	Fossil Fuel Steam Generators.					

FDEP Rule	GULF POWER - CRIST UNIT 4 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 004
	(2) Emission Limitations.	0330045		×		Unit 004
	(a) Particulate Matter - 0.10 lb/mmBtu	0330045		×		Unit 004
62-296.711	(b) Visible Emissions - 20% opacity.	0330045		×		Unit 004
	(3) Test Methods and Procedures.	0330045		×		Unit 004
Materials Handling, Sizing, Screening, Crushing and Grinding Operations.						
	(1) Applicability	0330045		×		Unit 004
	(2) Emission Limitations.	0330045		×		Unit 004
	(3) Test Methods and Procedures.	0330045		×		Unit 004
Chapter 62-297 Stationary Sources -- Emission Monitoring						
62-297.310	General Test Requirements.	0330045	✓			Unit 004
	(1) Required Number of Test Runs	0330045	✓			Unit 004
	(2) Operating Rate During Testing	0330045	✓			Unit 004
	(3) Calculation of Emission Rate	0330045	✓			Unit 004
	(4) Applicable Test Procedures.	0330045	✓			Unit 004
	(a) Required Sampling Time.	0330045	✓			Unit 004
	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	✓			Unit 004
	2. Opacity Compliance Tests.	0330045	✓			Unit 004
	(b) Minimum Sample Volume.	0330045	✓			Unit 004
	(c) Required Flow Rate Range.	0330045	✓			Unit 004
	(d) Calibration.	0330045	✓			Unit 004

FDEP Rule	GULF POWER - CRIST UNIT 4 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(e) EPA Method 5.	0330045	✓			Unit 004
	(5) Determination of Process Variables.	0330045	✓			Unit 004
	(6) Required Stack Sampling Facilities					
	(a) Permanent Test Facilities.	0330045	✓			Unit 004
	(b) Temporary Test Facilities.	0330045		×		Unit 004
	(c) Test Facilities.	0330045	✓			Unit 004
62-297.310	1. Sampling Ports.	0330045	✓			Unit 004
	(d) Work Platforms.	0330045	✓			Unit 004
	(e) Access.	0330045	✓			Unit 004
	(f) Electrical Power.	0330045	✓			Unit 004
	(g) Sampling Equipment Support.	0330045	✓			Unit 004
	(7) Frequency of Compliance Tests.					
	(a) General Compliance Testing.	0330045	✓			Unit 004
	1. Compliance test requirement prior to obtaining operating permit.	0330045		×		Unit 004
	2. Annual test requirement for excess PM emissions.	0330045	✓			Unit 004
	3. Annual test requirement prior to obtaining renewal permit.	0330045	✓			Unit 004
	4.(a) Annual VE test,	0330045	✓			Unit 004
	(b) Annual test for lead, acrylonitrile and other regulated pollutants,	0330045		×		Unit 004
	(c) Annual test for each NESHAP pollutant	0330045		×		Unit 004
	5. No annual PM test required if burn no liquid and/or solid fuel for greater than 400 hrs/year.	0330045		×		Unit 004
	6. Exemption from semi-annual PM test for steam generators.	0330045		×		Unit 004
	7. Exemption from quarterly PM test for units not utilizing liquid and/or solid fuel for more than 100 hrs.	0330045		×		Unit 004

GULF POWER - CRIST UNIT 4 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. Five year VE test requirement for units that operate no more than 400 hrs/year.	0330045		×		Unit 004
	9. Fifteen day advance notification requirement prior to test.	0330045	✓			Unit 004
	10. Compliance test exemption for exempt units and units utilizing a general permit.	0330045		×		Unit 004
62-297.310	(b) Special Compliance Tests.	0330045	✓		Applicable upon any complaint.	Unit 004
	(c) Waiver of Compliance Test Requirement.	0330045	✓		SO2 24 hour CEM/ FS&A program in lieu of annual compliance test.	Unit 004
	(8) Test Reports.	0330045	✓			Unit 004

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 4

Crist Plant Unit 4 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 :	
Common stack shared with Units 1- 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 :	7.70 %
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 for this stack is 030 33' 57"
The longitude for the stack is 087 13' 26"

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 4

Crist Plant Unit 4 Electric Utility Boiler

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with pulverized bituminous coal. Emissions related to tons burned.	
2. Source Classification Code (SCC) : 1-01-002-12	
3. SCC Units : Tons Burned (all solid fuels)	
4. Maximum Hourly Rate : 40.52	5. Maximum Annual Rate : 354,955.20
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 3.50	8. Maximum Percent Ash : 9.30
9. Million Btu per SCC Unit : 24	
10. Segment Comment : Unit 4 is primarily a coal fired unit. This unit is also capable of full load using natural gas. No. 2 fuel oil is used as a secondary fuel.	

III. Part 8 - 1

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 4

Crist Plant Unit 4 Electric Utility Boiler

Segment Description and Rate : Segment 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with natural gas. Emissions related to million cubic feet burned.	
2. Source Classification Code (SCC) : 1-01-006-01	
3. SCC Units : Million Cubic Feet Burned (all gaseous fuels)	
4. Maximum Hourly Rate : 0.96	5. Maximum Annual Rate : 8,409.60
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 :	

III. Part 8 - 2

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 4

Crist Plant Unit 4 Electric Utility Boiler

Segment Description and Rate : Segment 3

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with No. 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 : 7.18	5. Maximum Annual Rate : 62,931.84
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 :	

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 4
Crist Plant Unit 4 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			EL
CO			NS
PM	010	010	EL
PM10	010	010	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 4
Crist Plant Unit 4 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 4

Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 4

1. Pollutant Emitted :	CO		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	38.40	lb/hour	168.19 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 :	<p>[40 lb/mmcf] [.96 mmcf/hr] [8760 hr/yr] [1/2000] =168.19 tons/yr Source: AP-42 & fire</p>		
9. Pollutant Potential/Estimated Emissions Comment :	<p>Potential emissions highest with unit operates on natural gas.</p>		

III. Part 9b - 4

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

Emissions Unit Information Section 4

Crist Plant Unit 4 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?	[] 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 :	[.00000000117 lb/kgals] [7.184 kgals/hr] [8760 hr/yr] [1/2000]= .00000003682 Dioxin tons/yr Source: SR			
9. Pollutant Potential/Estimated Emissions Comment :	Potential emissions highest when unit operates on #2 fuel oil.			

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

Emissions Unit Information Section 4

Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 17

1. Pollutant Emitted :	H014
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	0.04 lb/hour 0.16 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 :	[.004935 lb/kgals] [7.184 gals/hr] [8760 hr/yr] [1/2000]=.1553 Sb tons/yr Source: AP-42
9. Pollutant Potential/Estimated Emissions Comment :	Potential emissions highest when operated on #2 fuel oil.

III. Part 9b - 17

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

Emissions Unit Information Section 4

Crist Plant Unit 4 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 0.02 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 :	[.0005922 lb arsenic/kgals] [7.184 kgals/hr] [8760 hr/yr] [1/2000]=.0186 As tons/yr Source: Rad
9. Pollutant Potential/Estimated Emissions Comment :	Potential emissions highest with unit operates on #2 fuel oil.

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

Emissions Unit Information Section 4
 Crist Plant Unit 4 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	0.02 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor : Reference :	EPRISR		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.0000912 lb/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=.0162 Benzene tons/yr Source: EPRISR		
9. Pollutant Potential/Estimated Emissions Comment :			

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

Emissions Unit Information Section 4
Crist Plant Unit 4 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	0.02 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 :	2		
8. Calculations of Emissions :	[.000103 lb beryllium/ton of coal] [40.516 tons/hr] [8760 hr/yr] [1/2000]=.0183 Be tons/yr Source:SR		
9. Pollutant Potential/Estimated Emissions Comment :	Source: EPRI Synthesis Report		

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

Emissions Unit Information Section 4

Crist Plant Unit 4 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	0.01 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 :	[.000079 lb/ton of coal] [40.516 tons/hr] [8760 hr/yr] [1/2000]=.01402 Cd 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 4
 Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 11

1. Pollutant Emitted :	H046		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.02	lb/hour	0.08 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 :	[.0004496 lb/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=.0797 Cr tons/yr Source: SR		
9. Pollutant Potential/Estimated Emissions Comment :	Source: EPRI Synthesis Report		

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

Emissions Unit Information Section 4

Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 16

1. Pollutant Emitted :	H047		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.04	lb/hour	0.16 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 :	[.005217 lb/kgals] [7.184 kgals/hr] [8760 hr/yr] [1/2000]=.1642 Co tons/yr Source: SR		
9. Pollutant Potential/Estimated Emissions Comment :	Potential emissions highest when unit operated on #2 fuel oil.		

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

Emissions Unit Information Section 4

Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 21

1. Pollutant Emitted :	HCL		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	70.50	lb/hour	308.79 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>[1.740104 lb/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=308.79 HCL tons/yr Source: SR</p>		
9. Pollutant Potential/Estimated Emissions Comment :	<p>Potential emissions from HCL makes unit Title V for HAPs.</p>		

III. Part 9b - 21

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

Emissions Unit Information Section 4

Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 22

1. Pollutant Emitted :	H107						
2. Total Percent Efficiency of Control :	%						
3. Potential Emissions :	<table style="width:100%; border:none;"> <tr> <td style="text-align:right; width:25%;">6.83</td> <td style="text-align:center; width:25%;">lb/hour</td> <td style="text-align:right; width:25%;">29.90</td> <td style="text-align:right; width:25%;">tons/year</td> </tr> </table>	6.83	lb/hour	29.90	tons/year		
6.83	lb/hour	29.90	tons/year				
4. Synthetically Limited? [] Yes [X] 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 : SR							
7. Emissions Method Code : 5							
8. Calculations of Emissions :	<p>[.16848 lb/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=29.9 HF tons/yr Source: SR</p>						
9. Pollutant Potential/Estimated Emissions Comment :	<p>Potential emissions from HF makes unit Title V for HAPS.</p>						

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

Emissions Unit Information Section 4

Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 13

1. Pollutant Emitted :	H113		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.02	lb/hour	0.10 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 :	<p>[.000542 lb manganese/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=.09618 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 4

Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 14

1. Pollutant Emitted :	H114
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	0.01 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 : GDW	
7. Emissions Method Code :	5
8. Calculations of Emissions :	[.00014 lb mercury/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=.02484 tons/yr Source:GDW
9. Pollutant Potential/Estimated Emissions Comment :	

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

Emissions Unit Information Section 4
Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 15

1. Pollutant Emitted :	H133		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.17	lb/hour	0.75 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>[.02397 lb nickel/kgals] [7.184 kgals/hr] [8760 hr/yr] [1/2000]=.7542 tons/yr Source: SR</p>		
9. Pollutant Potential/Estimated Emissions Comment :	<p>Potential emissions highest of unit when operated on #2 fuel oil.</p>		

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

Emissions Unit Information Section 4

Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 25

1. Pollutant Emitted :	H151
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	0.02 lb/hour 0.10 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 :	[.0031725 lb/kgals] [7.184 kgal./hr] [8760 hr/yr] [1/2000]=.09982 POM tons/yr Source: Rad
9. Pollutant Potential/Estimated Emissions Comment :	Potential emissions highest when unit operates on # 2 fuel oil.

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

Emissions Unit Information Section 4
 Crist Plant Unit 4 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 :	<p>52.75 pCi radionuclides/g particulate 52.75 (454 g/lb) (30.14 lb particulate/hr) = 721807.79 pCi/hr 52.75 (454) (30.14) (8760 hr/yr) = 6323036240.40 pCi/yr</p>	
9. Pollutant Potential/Estimated Emissions Comment :	<p>Source; EPRI Synthesis Report This pollutant not measured in lb/hr or ton/yr.</p>	

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

Emissions Unit Information Section 4
 Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 20

1. Pollutant Emitted :	H162		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.10	lb/hour	0.45 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 :	[.002541lb/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=.4509 Se 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 4

Crist Plant Unit 4 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	0.04 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 :	[.0013959 lb/kgals] [7.184 kgals/hr] [8760 hr/yr] [1/2000]=.0439 Toluene tons/yr Source: SR		
9. Pollutant Potential/Estimated Emissions Comment :	Potential emissions highest when operated on #2 fuel oil.		

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

Emissions Unit Information Section 4
 Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 3

1. Pollutant Emitted :	NOX		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	583.43	lb/hour	2,555.42 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 :	[14.4 lb/tons] [40.516 tons/hr] [8760 hr/yr] [1/2000]=2555.423 tons/yr Source: AP-42 & Fire		
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 4
 Crist Plant Unit 4 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 0.05 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 : [.000259 lb/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=.0459 Pb tons/yr Source: SR	
9. Pollutant Potential/Estimated Emissions Comment : Source: EPRI Synthesis Report	

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

Emissions Unit Information Section 4

Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 5

1. Pollutant Emitted :	PM		
2. Total Percent Efficiency of Control :	99.00	%	
3. Potential Emissions :	30.14	lb/hour	132.03 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>[.744 lb/ton] [40.516 ton/hr] [8760 hr/yr] [1/2000]=132.0303 tons/yr using (.80(A%) @ 9.3%A = .744) Source: AP-42</p>		
9. Pollutant Potential/Estimated Emissions Comment :	<p>Particulate emissions shall not exceed .1 lb/MMbtu heat input. Visible emissions shall not exceed 40% opacity.</p>		

III. Part 9b - 5

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

Emissions Unit Information Section 4

Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 6

1. Pollutant Emitted :	PM10		
2. Total Percent Efficiency of Control :	99.00	%	
3. Potential Emissions :	18.84	lb/hour	82.52 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>[.465 lb/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=82.5189 tons/yr Source: AP-42</p>		
9. Pollutant Potential/Estimated Emissions Comment :	<p>particulate emissions shall not exceed .1 lb/mmbtu heat input. visible emissions shall not exceed 40% opacity.</p>		

III. Part 9b - 6

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

Emissions Unit Information Section 4

Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted :	SAM
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	46.23 lb/hour 202.51 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 : [1.14114 lb/ton] [40.516 tons/hr] [8760 hr/yr] [1/2000]=202.5068 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 4
 Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted :	SO2		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	5,704.25	lb/hour	24,984.60 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: 38(S%)*.95			
7. Emissions Method Code :	3		
8. Calculations of Emissions :	<p>[140.79 lb/tons] [40.516 tons/hr] = 5704.25 lbs/hr (140.79 lb/tons) (40.516 tons/hr) [8760 hr/yr] [1/2000]=24984.6 tons/yr using (38(S%)).95 @ 3.9%S=140.79 lbs/ ton of coal) : Source: AP-42</p>		
9. Pollutant Potential/Estimated Emissions Comment :	<p>SO2 emissions shall not exceed 5.90 lbs./MMbtu heat input</p>		

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

Emissions Unit Information Section 4
 Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 7

1. Pollutant Emitted :	VOC
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	<div style="display: flex; justify-content: space-between;"> 2.43 lb/hour 10.65 tons/year </div>
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive/Other Emissions:	<div style="display: flex; justify-content: space-between;"> to tons/year </div>
6. Emissions Factor : Reference : Fire	
7. Emissions Method Code :	3
8. Calculations of Emissions :	<p>[.06 lb/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=10.648 tons/yr Source: Fire</p>
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 4

Crist Plant Unit 4 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 26

1. Pollutant Emitted :	H095		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.02	lb/hour	0.09 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 HCOH lbs/kgals .00282 (7.184 kgals/hr) = .020 HCOH lbs/hr .00282 (7.184) (8760 hr/yr) (1ton/2000lbs) = .089 tons/yr		
9. Pollutant Potential/Estimated Emissions Comment :	Source; EPRI Synthesis Report		

III. Part 9b - 26

Emissions Unit Information Section 4
Crist Plant Unit 4 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 :	5.90	lbs/mmBtu	
4. Equivalent Allowable Emissions :	5,764.30	lb/hour	25,247.63 tons/year
5. Method of Compliance :	Daily 24 hour average based on CEM or FS&A. See SC 12.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Please see Specific Condition 12 in existing permit relating to compliance to SO2 in Unit 4 Additional Applicable Requirements section EUS4-12. Rule: 62-296.405(1)(c)2.c.		

III. Part 9c - 2

Emissions Unit Information Section 4
Crist Plant Unit 4 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 :	97.70	lb/hour	427.93 tons/year
5. Method of Compliance :	Annual Method 17 Particulate Test.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Particulate standard is .1 lbs/mmBtu in 62-296.405(1)(b) and test method is 62-296.405(1)(e)2. Please see Specific Condition 11 in existing permit in EUS4-12.		

Emissions Unit Information Section 4
Crist Plant Unit 4 Electric Utility Boiler

Pollutant Information Section 5

Allowable Emissions 2

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :			
3. Requested Allowable Emissions and Units :	0.30	lbs/MBTU	
4. Equivalent Allowable Emissions :	293.10	lb/hour	160.47 tons/year
5. Method of Compliance :	Annual Method 17 Particulate Test		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Excess emissions under 62-210.700 (3). Test method is 62-296.405(1)(e)2. Please see Specific Condition 11 in existing permit in EUS4-12.		

Emissions Unit Information Section 4
Crist Plant Unit 4 Electric Utility Boiler

Pollutant Information Section 5

Allowable Emissions 2

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :			
3. Requested Allowable Emissions and Units :	0.30	lbs/MBTU	
4. Equivalent Allowable Emissions :	293.10	lb/hour	160.47 tons/year
5. Method of Compliance :	Annual Method 17 Particulate Test		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Excess emissions under 62-210.700 (3). Test method is 62-296.405(1)(e)2. Please see Specific Condition 11 in existing permit in EUS4-12.		

III. Part 9c - 2

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

Emissions Unit Information Section 4

Crist Plant Unit 4 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : United Science Model Number : ULTRAFLOW 100 Serial Number : 9401588	
5. Installation Date :	01-Jul-1994
6. Performance Specification Test Date :	24-Jul-1994
7. Continuous Monitor Comment : Spectrum Systems Model 300 Dilution Monitoring System uses heat input measurements from flow to calculate hourly emissions. CEM flow monitors are required under Title IV 40 CFR Part 75.	

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

Emissions Unit Information Section 4
Crist Plant Unit 4 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : EM	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Teco Model Number : 42D Serial Number : 42D-44859-272	
5. Installation Date :	01-Jul-1994
6. Performance Specification Test Date :	24-Jul-1994
7. Continuous Monitor Comment : Spectrum Systems Model 300 Dilution Monitoring System uses Siemens and Teco analyzers to calculate unit NOx emission rate. CEM required under Title IV 40 CFR Part 75.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 4
Crist Plant Unit 4 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : VE	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Lear Siegler Model Number : SS-4542 Serial Number : 940601	
5. Installation Date :	01-Jul-1994
6. Performance Specification Test Date :	24-Jul-1994
7. Continuous Monitor Comment : Unit required to monitor opacity under 62-96.405(1)(f)1.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 4
Crist Plant Unit 4 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 4

1. Parameter Code : EM	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Teco Model Number : 43H Serial Number : 43H-44285-271	
5. Installation Date :	01-Jul-1994
6. Performance Specification Test Date :	24-Jul-1994
7. Continuous Monitor Comment : Unit has elected to install and operate CEM for SO2 in lieu of monitoring emissions using fuel sampling and analysis under rule 62-296.405(1)(f)1. Specific conditions from existing permit is enclosed as attachment G4 for reference. CEM is also required under Title IV 40 CFR Part 75.	

III. Part 11 - 4

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

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 4
Crist Plant Unit 4 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 5

1. Parameter Code : CO2	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Siemens Model Number : ULTRAMAT 5E Serial Number : E3-729	
5. Installation Date :	01-Jul-1994
6. Performance Specification Test Date :	24-Jul-1994
7. Continuous Monitor Comment : Spectrum Systems Model 300 Dilution Monitoring System uses the Siemens CO2 analyzer to measure the diluent component of the SO2 and NOX emission rate. Unit is required to monitor CO2 under 2-296.405(1)(f)1. and Title IV 40 CFR Part 75.	

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

Emissions Unit Information Section

4

Crist Plant Unit 4 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

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 :		

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 4

Crist Plant Unit 4 Electric Utility Boiler

Supplemental Requirements for All Applications

1. Process Flow Diagram :	EUS4-1
2. Fuel Analysis or Specification :	EUS4-2
3. Detailed Description of Control Equipment :	EUS4-3
4. Description of Stack Sampling Facilities :	EUS4-4
5. Compliance Test Report :	EUS4-5
6. Procedures for Startup and Shutdown :	EUS4-6
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 :	EUS4-10
11. Alternative Modes of Operation (Emissions Trading) :	NA

12. Identification of Additional Applicable Requirements :	EUS4-12								
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">EUS4-14</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>		EUS4-14	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.)
EUS4-14	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. EMISSIONS UNIT INFORMATION

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

Emissions Unit Information Section 5

Crist Plant Unit 5 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 5 Electric Utility Boiler		
2. Emissions Unit Identification Number : 005 [] 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 5 is a Combustion Engineering tangentially fired, dry bottom boiler. The primary fuels are coal and natural gas. Distillate #2 fuel oil is combusted as a secondary fuel.		

Emissions Unit Information Section 5
Crist Plant Unit 5 Electric Utility Boiler

Emissions Unit Control Equipment 1

1. Description :

Particulate emissions from Crist Unit 5 are controlled by hot side electrostatic precipitators manufactured by Buell Model Bal .2x34n333-4-3p and cold side electrostatic precipitators Buell Model 1.1x48k33-1p. Additional control is obtained by proper operation of the boiler and by the amount of sulfur in the fuel.

2. Control Device or Method Code : 10

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

Emissions Unit Information Section 5
 Crist Plant Unit 5 Electric Utility Boiler

Emissions Unit Details

1. Initial Startup Date :	01-Jun-1961	
2. Long-term Reserve Shutdown Date :		
3. Package Unit :		
Manufacturer :		Model Number :
4. Generator Nameplate Rating :	93	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 :	977	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 5 is capable of full load on coal with #2 fuel oil and "on-spec." used oil as secondary fuels. See Specific Condition 2 in permit in EUS5-12 regarding max heat input at 110% of item 1 above.	

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 5
Crist Plant Unit 5 Electric Utility Boiler

Rule Applicability Analysis

Not Applicable

List of Applicable Regulations

Title V Core List

Crist Unit 5 Federal-Regulation List (Cr5rule.EPA)

Crist Unit 5 State-Regulation List (Cr5rule.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

[**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
297.310(4)
297.330(1)
297.330(1)(a)-(b)
297.330(1)(b)1.-3.
297.330(2)-(5)
Table 297.330-1
297.340(1)
297.340(1)(a)-(b)
297.340(1)(c)
297.340(1)(c)1.-2.
297.340(1)(d)
297.340(1)(d)1.
297.340(1)(d)2.a.-c.
297.340(1)(d)3.
297.340(1)(e)-(j)
297.340(2)-(3)
297.345
297.345(1)-(2)
297.345(3)(a)1.-5.
297.345(3)(b)1.-4.
297.345(3)(c)1.-2.
297.345(3)(d)1.-2.
297.345(3)(e)1.
297.345(3)(e)1.a.-c.
297.345(3)(e)2.-3.
297.350(1)-(2)
297.400(1)
297.420(1)
297.420(2)(a)-(b)
297.570(1)-(3)
297.570(3)(a)-(u)

210.200 - definitions merged in as needed
297.310(9)
297.310(4)(a)
297.310(4)(a)1.-2.
297.310(4)(a)2.a.-c.
297.310(4)(b)-(e)
Table 297.310-1
297.310(7)(a)
297.310(7)(a)1.-2.
297.310(7)(a)3.
297.310(7)(a)3.a.-b.
297.310(7)(a)4.
297.310(7)(a)4.a.
297.310(7)(a)4.b. - lang. combined in one paragraph
297.310(7)(a)4.c.
297.310(7)(a)5.-10.
297.310(7)(b)-(c)
297.310(6)
297.310(6)(a)-(b)
297.310(6)(c)1.-5.
297.310(6)(d)1.-4.
297.310(6)(e)1.-2.
297.310(6)(f)1.-2.
297.310(6)(g)1.
297.310(6)(g)1.a.-c.
297.310(6)(g)2.-3.
297.310(5)(a)-(b)
297.401 - last two sentences
297.401(9)(c)1.
297.401(9)(c)2.a.-b.
297.310(8)(a)-(c)
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

<u>Rule Repealed:</u>	<u>Comment:</u>
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	EPA Title	(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
GULF POWER - CRIST UNIT 5 EPA APPLICABLE REQUIREMENTS LIST						
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 005
60.8	Performance tests.	0330045		X		Unit 005
60.11	Compliance with standards and maintenance requirements.	0330045		X		Unit 005
60.12	Circumvention.	0330045		X		Unit 005
60.13	Monitoring requirements	0330045		X		Unit 005
60.19	General notifications and reporting requirements	0330045		X		Unit 005
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 005
60.43	Standard for sulfur dioxide.	0330045		X		Unit 005
60.44	Standard for nitrogen oxides.	0330045		X		Unit 005
60.45	Emission and fuel monitoring.	0330045		X		Unit 005
60.46	Test methods and procedures.	0330045		X		Unit 005
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 005
60.43a	Standard for sulfur dioxide.	0330045		X		Unit 005
60.44a	Standard for nitrogen oxides.	0330045		X		Unit 005
60.45a	Commercial demonstration permit.	0330045		X		Unit 005
60.46a	Compliance provisions.	0330045		X		Unit 005
60.47a	Emission monitoring.	0330045		X		Unit 005

EPA Rule	GULF POWER - CRIST UNIT 5 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		×		Unit 005
60.49a	Reporting requirements.	0330045		×		Unit 005
Subpart Db — Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units						
60.42b	Standard for sulfur dioxide.	0330045		×		Unit 005
60.43b	Standard for particulate matter.	0330045		×		Unit 005
60.44b	Standard for nitrogen oxides.	0330045		×		Unit 005
60.45b	Compliance and performance test methods and procedures for sulfur dioxide.	0330045		×		Unit 005
60.46b	Compliance and performance test methods and procedures for particulate matter and nitrogen oxides.	0330045		×		Unit 005
60.47b	Emission monitoring for sulfur dioxide.	0330045		×		Unit 005
60.48b	Emission monitoring for particulate matter and nitrogen oxides.	0330045		×		Unit 005
60.49b	Reporting and recordkeeping.	0330045		×		Unit 005
Subpart Dc — Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units						
60.42c	Standard for sulfur dioxide.	0330045		×		Unit 005
60.43c	Standard for particulate matter.	0330045		×		Unit 005
60.44c	Compliance and performance test methods and procedures for sulfur dioxide.	0330045		×		Unit 005
60.45c	Compliance and performance test methods and procedures for particulate matter.	0330045		×		Unit 005
60.46c	Emission monitoring for sulfur dioxide.	0330045		×		Unit 005
60.47c	Emission monitoring for particulate matter.	0330045		×		Unit 005
60.48c	Reporting and recordkeeping.	0330045		×		Unit 005

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 005
60.113	Monitoring of operations.	0330045		X		Unit 005
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 005
60.113a	Testing and procedures.	0330045		X		Unit 005
60.114a	Alternative means of emission limitations.	0330045		X		Unit 005
60.115a	Monitoring of operations.	0330045		X		Unit 005
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 005
60.113b	Testing and procedures.	0330045		X		Unit 005
60.114b	Alternative means of emission limitations.	0330045		X		Unit 005
60.115b	Recordkeeping and reporting requirements.	0330045		X		Unit 005
60.116b	Monitoring of operations.	0330045		X		Unit 005
Subpart Y — Standards of Performance for Coal Preparation Plants						
60.252	Standard for particulate matter.	0330045		X		Unit 005
60.253	Monitoring of operations.	0330045		X		Unit 005
60.254	Test methods and procedures.	0330045		X		Unit 005
Subpart GG — Standards of Performance for Stationary Gas Turbines						
60.332	Standard for nitrogen oxides.	0330045		X		Unit 005

EPA Rule	GULF POWER - CRIST UNIT 5 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 005
60.334	Monitoring of operations.	0330045		X		Unit 005
60.335	Test methods and procedures.	0330045		X		Unit 005
Subpart 000 — Standards of Performance for Nonmetallic Mineral Processing Plants						
60.672	Standard for Particulate Matter.	0330045		X		Unit 005
60.674	Monitoring of Operations.	0330045		X		Unit 005
60.676	Reporting and Recordkeeping.	0330045		X		Unit 005
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 005

EPA Rule	GULF POWER - CRIST UNIT 5 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 005
63.7	Performance Testing Requirements.	0330045		X		Unit 005
63.8	Monitoring Requirements.	0330045		X		Unit 005
63.9	Notification Requirements.	0330045		X		Unit 005
63.10	Reporting and Recordkeeping Requirements.	0330045		X		Unit 005
63.11	Control Device Requirements.	0330045		X		Unit 005
Subpart Q — National Emission Standards for Industrial Process Cooling Towers						
63.402	Standard.	0330045		X		Unit 005
63.403	Compliance Dates.	0330045		X		Unit 005
63.404	Compliance Demonstrations.	0330045		X		Unit 005
63.405	Notification Requirements.	0330045		X		Unit 005
63.406	Recordkeeping and Reporting Requirements.	0330045		X		Unit 005
Subpart T — National Emission Standards for Halogenated Solvent Cleaning						
63.462	Batch Cold Cleaning Machine Standards.	0330045		X		Unit 005
63.463	Batch Vapor and In-Line Cleaning Machine Standards.	0330045		X		Unit 005
63.464	Alternative Standards.	0330045		X		Unit 005
63.465	Test Methods.	0330045		X		Unit 005
63.466	Monitoring Procedures.	0330045		X		Unit 005
63.467	Recordkeeping Requirements.	0330045		X		Unit 005
63.468	Reporting Requirements.	0330045		X		Unit 005
Part 72 - EPA Acid Rain Program Permits						
Subpart A — General Provisions						

**GULF POWER - CRIST UNIT 5
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		
72.7	New Units Exemption.	0330045		X		Unit 005
72.8	Retired Units Exemption.	0330045		X		Unit 005
72.9	Standard Requirements.	0330045	✓			Unit 005
Subpart B — Designated Representative						
72.20	Authorization and Responsibilities of the Designated Representative	0330045	✓			Unit 005
72.21	Submissions.	0330045	✓			Unit 005
72.22	Alternate Designated Representative.	0330045	✓			Unit 005
72.23	Changing the Designated Representative, Alternate Designated Representative; Changes in the Owners and Operators.	0330045	✓			Unit 005
Subpart C — Acid Rain Applications						
72.30	Requirements to Apply.	0330045	✓			Unit 005
72.32	Permit Applications Shield and Binding Effect of Permit Application.	0330045	✓			Unit 005
72.33	Identification of Dispatch System.	0330045	✓			Unit 005
Subpart D — Acid Rain Compliance Plan and Compliance Options						
72.40	General.	0330045	✓			Unit 005
72.41	Phase I Substitution Plans.	0330045	✓			Unit 005
72.42	Phase I Extension Plans.	0330045		X		Unit 005
72.43	Phase I Reduced Utilization Plans.	0330045	✓			Unit 005
72.44	Phase II Repowering Extensions.	0330045		X		Unit 005
Subpart E — Acid Rain Permit Contents						
72.51	Permit Shield.	0330045	✓			Unit 005
Subpart I - Compliance Certification						

EPA Rule	GULF POWER - CRIST UNIT 5 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 005
72.91	Phase I Unit Adjusted Utilization.	0330045	✓			Unit 005
72.92	Phase I Unit Allowance Surrender.	0330045	✓			Unit 005
72.93	Units with Phase I Extension Plans.	0330045		×		Unit 005
72.94	Units with Repowering Extension Plans.	0330045		×		Unit 005
Part 73 - EPA Acid Rain Program Sulfur Dioxide Allowance System						
Subpart C — Allowance Tracking System						
73.33	Authorized Account Representative	0330045	✓			Unit 005
73.35	Compliance.	0330045	✓			Unit 005
Part 75 - EPA Acid Rain Program For Continuous Emission Monitoring						
Subpart A — General						
75.4	Compliance Dates.	0330045	✓			Unit 005
75.5	Prohibitions.	0330045	✓			Unit 005
Subpart B — Monitoring Provisions						
75.10	General Operating Requirements.	0330045	✓			Unit 005
75.11	Specific Provisions for Monitoring SO ₂ Emissions (SO ₂ and Flow Monitors).	0330045	✓			Unit 005
75.12	Specific Provisions for Monitoring NO _x Emissions (NO _x and Diluent Gas Monitors).	0330045	✓			Unit 005
75.13	Specific Provisions for Monitoring CO ₂ Emissions.	0330045	✓			Unit 005
75.14	Specific Provisions for Monitoring Opacity.	0330045	✓			Unit 005
75.15	Specific Provisions for Monitoring SO ₂ Emissions Removal by Qualifying Phase I Technology.	0330045		×		Unit 005

EPA Rule	GULF POWER - CRIST UNIT 5 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 005
75.17	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for NO _x Emission Rate.	0330045		×		Unit 005
75.18	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for Opacity.	0330045		×		Unit 005
Subpart C — Operation and Maintenance Requirements						
75.20	Certification and Recertification Procedures.	0330045	✓			Unit 005
75.21	Quality Assurance and Quality Control Requirements.	0330045	✓			Unit 005
75.22	Reference Test Methods.	0330045	✓			Unit 005
75.24	Out-of-Control Periods.	0330045	✓			Unit 005
Subpart D — Missing Data Substitution Procedures						
75.30	General Provisions.	0330045	✓			Unit 005
75.31	Initial Missing Data Procedures.	0330045	✓			Unit 005
75.32	Determination of Monitor Data Availability for Standard Missing Data Procedures.	0330045	✓			Unit 005
75.33	Standard Missing Data Procedures.	0330045	✓			Unit 005
75.34	Units with Add-On Emission Controls.	0330045		×		Unit 005
75.35	Missing Data Procedures for CO ₂	0330045	✓			Unit 005
75.36	Missing Data Procedures for Heat Input	0330045	✓			Unit 005
Subpart E — Alternative Monitoring Systems						
75.40	General Demonstration Requirements.	0330045		×		Unit 005
75.41	Precision Criteria.	0330045		×		Unit 005
75.42	Reliability Criteria.	0330045		×		Unit 005

EPA Rule	GULF POWER - CRIST UNIT 5 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 005
75.44	Timeliness Criteria.	0330045		×		Unit 005
75.45	Daily Quality Assurance Criteria.	0330045		×		Unit 005
75.46	Missing Data Substitution Criteria.	0330045		×		Unit 005
75.47	Criteria for a Class of Affected Units.	0330045		×		Unit 005
75.48	Petition for an Alternative Monitoring System.	0330045		×		Unit 005
Subpart F — Recordkeeping Requirements						
75.50	General Recordkeeping Provisions.	0330045	✓			Unit 005
75.51	General Recordkeeping Provisions for Specific Situations.	0330045		×		Unit 005
75.52	Certification, Quality Assurance, and Quality Control Record Provisions.	0330045	✓			Unit 005
75.53	Monitoring Plan.	0330045	✓			Unit 005
75.54	General Recordkeeping Provisions	0330045	✓			Unit 005
75.55	General Recordkeeping Provisions for Special Situations	0330045	✓			Unit 005
75.56	Certification, Quality Assurance and Quality Control Record Provision	0330045	✓			Unit 005
Subpart G — Reporting Requirements						
75.60	General Provisions.	0330045	✓			Unit 005
75.61	Notification of Certification and Recertification Test Dates.	0330045	✓			Unit 005
75.62	Monitoring Plan.	0330045	✓			Unit 005
75.63	Certification or Recertification Applications.	0330045	✓			Unit 005
75.64	Quarterly Reports.	0330045	✓			Unit 005
75.65	Opacity Reports.	0330045	✓			Unit 005

EPA Rule	GULF POWER - CRIST UNIT 5 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 005
Appendix B to Part 75 — Quality Assurance and Quality Control Procedures		0330045	✓			Unit 005
Appendix C to Part 75 — Missing Data Statistical Estimation Procedures		0330045	✓			Unit 005
Appendix D to Part 75 — Optional SO ₂ Emissions Data Protocol for Gas-Fired Units and Oil-Fired Units		0330045		×		Unit 005
Appendix E to Part 75 — Optional NO _x Emissions Estimation Protocol for Gas-Fired Peaking Units and Oil-Fired Peaking Units		0330045		×		Unit 005
EPA Part 76 - Acid Rain Nitrogen Oxides Emission Reduction Program						
76.5	NO _x Emission Limitations for Group I Boilers.	0330045	✓			Unit 005
76.8	Early Election for Group I, Phase II Boilers.	0330045		×		Unit 005
76.9	Permit Applications and Compliance Plans.	0330045	✓			Unit 005
76.10	Alternative Emission Limitations.	0330045	✓			Unit 005
76.11	Emissions Averaging.	0330045	✓			Unit 005
76.12	Phase I NO _x Compliance Extensions.	0330045		×		Unit 005
76.13	Compliance and Excess Emissions	0330045	✓			Unit 005
76.14	Monitoring, Recordkeeping, and Reporting.	0330045	✓		Only if AEL is requested.	Unit 005
76.15	Test Methods and Procedures.	0330045	✓		Only if AEL is requested.	Unit 005
EPA Part 77 - Excess Emissions						
77.3	Offset Plans	0330045	✓			Unit 005
77.5(b)	Deduction of Allowances	0330045	✓			Unit 005
77.6	Excess Emission Penalties for SO ₂ and No _x ; and	0330045	✓			Unit 005
EPA Part 82 - Protection Of Stratospheric Ozone						

GULF POWER - CRIST UNIT 5 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 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 5
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
62-4.04(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 005
	(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 005
	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 005
	2. 40 CFR 60.40a Subpart Da, Electric Utility Steam Generators for which Construction is Commenced after September 18, 1978.	0330045		×	State only.	Unit 005
	3. 40 CFR 60.40b Subpart Db, Industrial-Commercial-Institutional Steam Generating Units.	0330045		×	State only.	Unit 005
	4. 40 CFR 60.40c Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units.	0330045		×	State only.	Unit 005
	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 005
	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 005

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		X	State only.	Unit 005
	29. 40 CFR 60.250 Subpart Y, Coal Preparation Plants.	0330045		X	State only.	Unit 005
	37. 40 CFR 60.330 Subpart GG, Stationary Gas Turbines.	0330045		X	State only.	Unit 005
	62. 40 CFR 60.670 Subpart OOO, Non-Metallic Mineral Processing Plants.	0330045		X	State only.	Unit 005
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 005
	(7)(d) General Provisions Adopted.	0330045		X	State only.	Unit 005
	(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 005
	1. 40 CFR 60 Appendix A, Test Methods, are adopted by reference.	0330045		X	State only.	Unit 005
	2. 40 CFR 60 Appendix B, Performance Specifications.	0330045		X	State only.	Unit 005
	3. 40 CFR 60 Appendix C, Determination of Emission Rate Change.	0330045		X	State only.	Unit 005
	5. 40 CFR 60 Appendix F, Quality Assurance Procedures.	0330045		X	State only.	Unit 005
62-204.800(8)	National Emission Standards for Hazardous Air Pollutants (NESHAPS).					
	(8) Standards Adopted.	0330045		X	State only.	Unit 005
	(b)8. 40 CFR Part 61 Subpart M Asbestos.	0330045	✓		State only.	Unit 005

GULF POWER - CRIST UNIT 5 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(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 005
62-204.800(9)	National Emission Standards for Hazardous Air Pollutants (NESHAPS) - Part 63.					
	(9) Standards Adopted.	0330045		×	State only.	Unit 005
	(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 005
	(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 005
	(d) General Subparts Adopted.	0330045		×	State only.	Unit 005
	1. 40 CFR 63 Subpart A, General Provisions	0330045		×	State only.	Unit 005
	2. 40 CFR 63 Subpart B, Equivalent Emission Limitation by Permit (112(j))	0330045		×	State only.	Unit 005
	4. 40 CFR 63 Subpart D, Compliance Extensions for Early Reductions	0330045		×	State only.	Unit 005
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 005
62-204.800 (13)	Adoption of 40 CFR 73, SO2 Allowance System	0330045	✓		State only.	Unit 005
62-204.800 (14)	Adoption of 40 CFR 75, CEMS	0330045	✓		State only.	Unit 005
62-204.800 (15)	Adoption of 40 CFR 76, Acid Rain Nox Requirement	0330045	✓		State only.	Unit 005
62-204.800 (16)	Adoption of 40 CFR 77, Acid Rain Excess Emissions	0330045	✓		State only.	Unit 005

**GULF POWER - CRIST UNIT 5
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 (19)	Adoption of 40 CFR 82, Stratospheric Ozone	0330045	✓		State only.	Unit 005/ 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 005
	(3) Annual Operating Report for Air Pollutant Emitting Facility.	0330045	✓			Facility
62-210.650	Circumvention.	0330045		✗		Unit 005
62-210.700	Excess Emissions.	0330045	✓			Unit 005
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 5
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 005 /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 005
62-214.340	Exemptions.					
	(5) The owners and operators of each unit . . .	0330045	✓			Unit 005
	(6) A new unit shall no longer be exempted . . .	0330045		×		Unit 005
	(7) A retired unit shall no longer be exempted . . .	0330045	✓			Unit 005
62-214.350	Certification.	0330045	✓			Unit 005
62-214.430	Implementation and Termination of Compliance Options. Procedures for activation and termination of compliance options.					
	(1) Activation.	0330045	✓			Unit 005
	(2) Termination.	0330045	✓			Unit 005
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 5 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		×	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	✓		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 5 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-281.500	(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		X		Facility
	(2) Objectionable Odor Prohibited.	0330045	✓			Facility
	(3) Open Burning.	0330045	✓		State Only	Facility
	(4)(a) Process Weight Table.	0330045		X		Unit 005
	(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 005
	(b) Particulate Matter - 0.1 pound per million Btu heat input, as measured by applicable compliance methods.	0330045	✓			Unit 005
	(c) Sulfur Dioxide, as measured by applicable compliance methods.	0330045	✓			Unit 005
	1. (c) e. Sources burning liquid fuel.	0330045	✓		1.98 lbs/MBTU	Unit 005
	2. (c) Sources burning solid fuel.	0330045	✓		5.90 lbs/MBTU	Unit 005

FDEP Rule	GULF POWER - CRIST UNIT 5 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 005
	(d) Nitrogen Oxides (expressed as NO _x).	0330045		×		Unit 005
62-296.405	(e) Test Methods and Procedures.	0330045	✓		Presumably federally enforceable.	Unit 005
	(f) Continuous Emissions Monitoring Requirements.	0330045	✓			Unit 005
	(g) Quarterly Reporting Requirements.	0330045	✓			Unit 005
	(2) New Emissions Units.					
	(a) Visible Emissions - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a	0330045		×		Unit 005
	(b) Particulate Matter - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a	0330045		×		Unit 005
	(c) Sulfur Dioxide - See Rule 62-204.800(7) and 40 CFR 60.43 and 60.43a	0330045		×		Unit 005
	(d) Nitrogen Oxides - See Rule 62-204.800(7) and 40 CFR 60.44 and 60.44a	0330045		×		Unit 005
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 005
	(2) Particulate Matter - Best available control technology in accordance with Rule 62-210.200(40)	0330045		×		Unit 005
	(3) Sulfur Dioxide - Best available control technology in accordance with Rule 62-210.200(40)	0330045		×		Unit 005
62-296.411	Sulfur Storage and Handling Facilities	0330045		×		Unit 005
62-296.500	Reasonably Available Control Technology (RACT) - Volatile Organic Compounds (VOC) and Nitrogen Oxides (NO _x) Emitting Facilities.					
	(1) Applicability.	0330045		×		Unit 005

GULF POWER - CRIST UNIT 5 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 005
	(a) Permits - Special Considerations.	0330045		X		Unit 005
	(b) Recordkeeping.	0330045		X		Unit 005
62-296.500	(c) Reporting.	0330045		X		Unit 005
	(3) Exceptions.	0330045		X		Unit 005
	(4) Consideration of Exempt Solvents	0330045		X		Unit 005
	(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 005
62-296.508	Petroleum Liquid Storage					
	(1) Applicability.	0330045		X		Unit 005
	(2) Control Technology.	0330045		X		Unit 005
	(3) Test Methods and Procedures.	0330045		X		Unit 005
62-296.511	Solvent Metal Cleaning.					
	(1) Applicability.	0330045		X		Unit 005
	(2) Cold Cleaning Control Technology.	0330045		X		Unit 005
	(3) Open Top Vapor Degreaser Control Technology.	0330045		X		Unit 005
	(4) Conveyorized Degreaser Control Technology.	0330045		X		Unit 005
	(5) Test Methods and Procedures.	0330045		X	* 8-hr test requirement not in SIP.	Unit 005
62-296.516	Petroleum Liquid Storage Tanks with External Floating Roofs					
	(1) Applicability.	0330045		X		Unit 005
	(2) Control Technology.	0330045		X		Unit 005
	(3) Test Methods and Procedures.	0330045		X		Unit 005

**GULF POWER - CRIST UNIT 5
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 005
	(2) Compliance Requirements.	0330045		X	State Only	Unit 005
62-296.570	(3) Operation Permit Requirements.	0330045		X	State Only	Unit 005
	(4) RACT Emission Limiting Standards.	0330045		X	State Only	Unit 005
	(a) Compliance Dates and Monitoring.	0330045		X	State Only	Unit 005
	(b) Emission Limiting Standards.	0330045		X	State Only	Unit 005
	(c) Exception for Startup, Shutdown or Malfunction.	0330045		X	State Only	Unit 005
62-296.700	Reasonably Available Control Technology (RACT) Particulate Matter.					
	(1) Applicability.	0330045		X		Unit 005
	(2) Exemptions.	0330045		X		Unit 005
	(3) Specific RACT Emission Limiting Standards for Stationary Emissions Units.	0330045		X		Unit 005
	(4) Maximum Allowable Emission Rates.	0330045		X		Unit 005
	(a) Emissions Unit Data.	0330045		X		Unit 005
	(b) Maximum Emission Rates.	0330045		X		Unit 005
	(5) Circumvention.	0330045		X		Unit 005
	(6) Operation and Maintenance Plan.	0330045		X		Unit 005
	(a) Air Pollution Control Devices and Collection Systems.	0330045		X		Unit 005
	(b) Control Equipment Data.	0330045		X		Unit 005
	(c) Processing or Materials Handling Systems.	0330045		X		Unit 005
	(d) Fossil Fuel Steam Generators.	0330045		X		Unit 005
62-296.702	Fossil Fuel Steam Generators.					

FDEP Rule	GULF POWER - CRIST UNIT 5 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 005
	(2) Emission Limitations.	0330045		×		Unit 005
	(a) Particulate Matter - 0.10 lb/mmBtu	0330045		×		Unit 005
62-296.711	(b) Visible Emissions - 20% opacity.	0330045		×		Unit 005
	(3) Test Methods and Procedures.	0330045		×		Unit 005
	Materials Handling, Sizing, Screening, Crushing and Grinding Operations.					
	(1) Applicability	0330045		×		Unit 005
	(2) Emission Limitations.	0330045		×		Unit 005
	(3) Test Methods and Procedures.	0330045		×		Unit 005
Chapter 62-297 Stationary Sources – Emission Monitoring						
62-297.310	General Test Requirements.	0330045	✓			Unit 005
	(1) Required Number of Test Runs	0330045	✓			Unit 005
	(2) Operating Rate During Testing	0330045	✓			Unit 005
	(3) Calculation of Emission Rate	0330045	✓			Unit 005
	(4) Applicable Test Procedures.	0330045	✓			Unit 005
	(a) Required Sampling Time.	0330045	✓			Unit 005
	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	✓			Unit 005
	2. Opacity Compliance Tests.	0330045	✓			Unit 005
	(b) Minimum Sample Volume.	0330045	✓			Unit 005
	(c) Required Flow Rate Range.	0330045	✓			Unit 005
	(d) Calibration.	0330045	✓			Unit 005

FDEP Rule	GULF POWER - CRIST UNIT 5 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(e) EPA Method 5.	0330045	✓			Unit 005
	(5) Determination of Process Variables.	0330045	✓			Unit 005
	(6) Required Stack Sampling Facilities					
	(a) Permanent Test Facilities.	0330045	✓			Unit 005
	(b) Temporary Test Facilities.	0330045		×		Unit 005
	(c) Test Facilities.	0330045	✓			Unit 005
62-297.310	1. Sampling Ports.	0330045	✓			Unit 005
	(d) Work Platforms.	0330045	✓			Unit 005
	(e) Access.	0330045	✓			Unit 005
	(f) Electrical Power.	0330045	✓			Unit 005
	(g) Sampling Equipment Support.	0330045	✓			Unit 005
	(7) Frequency of Compliance Tests.					
	(a) General Compliance Testing.	0330045	✓			Unit 005
	1. Compliance test requirement prior to obtaining operating permit.	0330045		×		Unit 005
	2. Annual test requirement for excess PM emissions.	0330045	✓			Unit 005
	3. Annual test requirement prior to obtaining renewal permit.	0330045	✓			Unit 005
	4.(a) Annual VE test,	0330045	✓			Unit 005
	(b) Annual test for lead, acrylonitrile and other regulated pollutants,	0330045		×		Unit 005
	(c) Annual test for each NESHAP pollutant	0330045		×		Unit 005
	5. No annual PM test required if burn no liquid and/or solid fuel for greater than 400 hrs/year.	0330045		×		Unit 005
	6. Exemption from semi-annual PM test for steam generators.	0330045		×		Unit 005
	7. Exemption from quarterly PM test for units not utilizing liquid and/or solid fuel for more than 100 hrs.	0330045		×		Unit 005

GULF POWER - CRIST UNIT 5 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. Five year VE test requirement for units that operate no more than 400 hrs/year.	0330045		×		Unit 005
	9. Fifteen day advance notification requirement prior to test.	0330045	✓			Unit 005
	10. Compliance test exemption for exempt units and units utilizing a general permit.	0330045		×		Unit 005
62-297.310	(b) Special Compliance Tests.	0330045	✓		Applicable upon any complaint.	Unit 005
	(c) Waiver of Compliance Test Requirement.	0330045	✓		SO2 24 hour CEM/ FS&A program in lieu of annual compliance test.	Unit 005
	(8) Test Reports.	0330045	✓			Unit 005

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 5

Crist Plant Unit 5 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 :	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 Unit 1 - ARMS # 001 Crist Unit 2 - ARMS # 002 Crist Unit 3 - ARMS # 003 Crist Unit 4 - ARMS # 004 Crist 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' 57"
The longitude of the stack is 087 13' 26"

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 5

Crist Plant Unit 5 Electric Utility Boiler

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with pulverized bituminous coal. Emissions related to tons burned.	
2. Source Classification Code (SCC) : 1-01-002-12	
3. SCC Units : Tons Burned (all solid fuels)	
4. Maximum Hourly Rate : 40.52	5. Maximum Annual Rate : 354,955.20
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 3.90	8. Maximum Percent Ash : 9.30
9. Million Btu per SCC Unit : 24	
10. Segment Comment : Unit 5 is primarily a coal fired unit. This unit is also capable of full load using natural gas. No. 2 fuel oil is used as a secondary fuel.	

III. Part 8 - 1

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 5

Crist Plant Unit 5 Electric Utility Boiler

Segment Description and Rate : Segment 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with natural gas. Emissions related to million cubic feet burned.	
2. Source Classification Code (SCC) : 1-01-006-01	
3. SCC Units : Million Cubic Feet Burned (all gaseous fuels)	
4. Maximum Hourly Rate : 0.96	5. Maximum Annual Rate : 8,409.60
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 :	

III. Part 8 - 2

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 5

Crist Plant Unit 5 Electric Utility Boiler

Segment Description and Rate : Segment 3

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with No. 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 : 7.18	5. Maximum Annual Rate : 62,931.84
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 :	

III. Part 8 - 3

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

Emissions Unit Information Section 5
Crist Plant Unit 5 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			EL
CO			NS
PM	010	010	EL
PM10	010	010	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 5
Crist Plant Unit 5 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 5

Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 4

1. Pollutant Emitted :	CO
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	38.40 lb/hour 168.19 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] [.96 mmcf/hr] [8760 hr/yr] [1/2000]=168.192 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 5

Crist Plant Unit 5 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? [] 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 :	[.00000000117 lb/kgals] [7.184 kgals/hr] [8760 hr/yr] [1/2000] =.00000003682 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 5

Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 17

1. Pollutant Emitted :	H014		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.04	lb/hour	0.16 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 :	<p>[.004935 lb antimony/kgals] [7.184 kgals/hr] [8760 hr/yr] [1/2000]= .1553 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 5
 Crist Plant Unit 5 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	0.02 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 :	[.0005922 lb arsenic/ton of coal] [7.184 kgals/hr] [8760 hr/yr] [1/2000]=.0186 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 5

Crist Plant Unit 5 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	0.02 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor : Reference :	EPRISR		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.0000912 lb benzene/ton of coal] [40.516 tons/yr] [8760 hr/yr] [1/2000]=.01618 tons/yr Source EPRISR		
9. Pollutant Potential/Estimated Emissions Comment :			

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

Emissions Unit Information Section 5
 Crist Plant Unit 5 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	0.02 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 :	[.000103 lb beryllium/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=.0183 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 5
 Crist Plant Unit 5 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	0.01 tons/year
4. Synthetically Limited?	[] Yes [X] No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : Radian		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.000079 lb cadmium/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=.0140 tons/yr Source :Radian		
9. Pollutant Potential/Estimated Emissions Comment :			

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

Emissions Unit Information Section 5
 Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 11

1. Pollutant Emitted :	H046		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.02	lb/hour	0.08 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 :	[.0004496 lb chromium/ton of coal] [40.516 ton /hr] [8760 hr/yr] [1/2000]=.0798 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 5

Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 16

1. Pollutant Emitted :	H047
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	0.04 lb/hour 0.16 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 : [.005217 lb cobalt/kgals] [7.184 kgals/hr] [8760 hr/yr] [1/2000]= .1642 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 5

Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 26

1. Pollutant Emitted :	H095		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.02	lb/hour	0.09 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 :	<p>.00282 lbs formaldehyde/kgals .00282 (7.184 kgals/hr) = .020 HCOH lbs/hr .00282 (7.184) (8760 hr/yr) (1ton/2000lbs) = .089 tons/yr</p>		
9. Pollutant Potential/Estimated Emissions Comment :	Source; EPRI Synthesis Report		

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

Emissions Unit Information Section 5

Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 21

1. Pollutant Emitted :	HCL		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	70.50	lb/hour	308.80 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 :	[1.740104 lb/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=308.798 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 5

Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 22

1. Pollutant Emitted :	H107		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	6.83	lb/hour	29.90 tons/year
4. Synthetically Limited?	[] Yes [X] No.		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : GDW		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.16849 lb HF/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=29.9 tons/yr. Source: GDW		
9. Pollutant Potential/Estimated Emissions Comment :			

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DEP Form No. 62-210.900(1) - Form

Effective : 3-21-96

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

Emissions Unit Information Section 5
Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 13

1. Pollutant Emitted :	H113		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.02	lb/hour	0.10 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 :	[.000542 lb manganese/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=.0962 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 5
 Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 14

1. Pollutant Emitted :	H114		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.01	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 : GDW		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.00014 lb mercury/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=.02484 tons/yr Source:GDW		
9. Pollutant Potential/Estimated Emissions Comment :			

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

Emissions Unit Information Section 5

Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 15

1. Pollutant Emitted :	H133		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.17	lb/hour	0.75 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 :	3		
8. Calculations of Emissions :	[.02397 lb nickel/kgals] [7.184 kgals/hr] [8760 hr/yr] [1/2000]=.7542 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 5

Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 25

1. Pollutant Emitted :	H151		
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 : Rad		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.0031725 lb POM/kgals] [7.184 kgals/hr] [8760 hr/yr] [1/2000]=.09982 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 5

Crist Plant Unit 5 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 :	<p>52.75 pCi radionuclides/g particulate 52.75 (454 g/lb) (30.14 lb particulate/hr) = 721807.79 pCi/hr 52.75 (454) (30.14) (8760 hr/yr) = 6323036240.40 pCi/yr</p>	
9. Pollutant Potential/Estimated Emissions Comment :	<p>Source; EPRI Synthesis Report This pollutant not measured in lb/hr or ton/yr.</p>	

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

Emissions Unit Information Section 5

Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 20

1. Pollutant Emitted :	H162
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	0.10 lb/hour 0.45 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 :	[.002541 lb selenium/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=.451 ton/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 5

Crist Plant Unit 5 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	0.04 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 :	[.0013959 lb toluene/kgals] [7.184 kgals/hr] [8760 hr/yr] [1/2000]=.0439 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 5
 Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 3

1. Pollutant Emitted :	NOX		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	583.43	lb/hour	2,555.42 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 :	<p>[14.4 lb/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=2555.42 tons/yr Source: AP-42</p>		
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 5

Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted :	SAM		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	46.23	lb/hour	202.51 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 :	[1.14114 lb/ton of coal] [40.516 ton./hr] [8760 hr/yr] [1/2000]=202.507 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 5
 Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted :	SO2		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	5,704.25	lb/hour	24,984.60 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>[140.79 lb/ton] [40.516 tons/hr] = 5704.25 lbs/hr (140.79 lb/ton)(40.516 tons/hr) [8760 hr/yr] [1/2000]=24,984.6 tons/yr using (38(S%) .95 @3.9%S = 140.79 lb/ton of coal) : Source: AP-42</p>		
9. Pollutant Potential/Estimated Emissions Comment :	SO2 emissions shall not exceed 5.9 lb/mmbtu heat input		

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

Emissions Unit Information Section 5
 Crist Plant Unit 5 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	0.05 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 :	.000259 lb/ton of coal [40.516 ton/hr] [8760 hr/yr] [1/2000]=.0459 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 5
 Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 5

1. Pollutant Emitted :	PM		
2. Total Percent Efficiency of Control :	99.00	%	
3. Potential Emissions :	30.14	lb/hour	132.03 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 : AP-42			
7. Emissions Method Code :	3		
8. Calculations of Emissions :	<p>[.744 lb/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=132.03 tons/yr using (.80(A%) @9.3%A = .744) Source -42</p>		
9. Pollutant Potential/Estimated Emissions Comment :	<p>Particulate emissions shall not exceed .1 lb/mmbtu heat input</p>		

III. Part 9b - 5

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

Emissions Unit Information Section 5
 Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 6

1. Pollutant Emitted :	PM10		
2. Total Percent Efficiency of Control :	99.00	%	
3. Potential Emissions :	18.84	lb/hour	82.52 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 :	<p>[.465 lb/ton of coal] [40.516 tons/hr] [8760 hr/yr] [1/2000]=82.519 tons/yr Source: AP-42</p>		
9. Pollutant Potential/Estimated Emissions Comment :	<p>The particulate emissions shall not exceed .1 lb /mmbtu heat input .</p>		

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

Emissions Unit Information Section 5
Crist Plant Unit 5 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 7

1. Pollutant Emitted :	VOC		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	2.43	lb/hour	10.64 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 :	<p>[.06 lb/ton of coal] [40.516 ton/hr] [8760 hr/yr] [1/2000]=10.64 tons/yr Source: AP-42</p>		
9. Pollutant Potential/Estimated Emissions Comment :			

Emissions Unit Information Section 5
Crist Plant Unit 5 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 :	5.90	lbs/mmBtu	
4. Equivalent Allowable Emissions :	5,764.30	lb/hour	25,247.63 tons/year
5. Method of Compliance :	Daily 24 hour average based on CEM or FS&A. See SC 12.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Please see Specific Condition 12 in existing permit relating to compliance to SO2 in Unit 5 Additional Applicable Requirements section EUS5-12. Rule: 62-296.405(1)(c)2.c.		

Emissions Unit Information Section 5
Crist Plant Unit 5 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 :	97.70	lb/hour	427.93 tons/year
5. Method of Compliance :	Annual Method 17 Particulate Test.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Particulate standard is .1 lbs/mmBtu in 62-296.405(1)(b) and test method is 62-296.405(1)(e)2. Please see Specific Condition 11 in existing permit in EUS5-12.		

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

Emissions Unit Information Section 5
Crist Plant Unit 5 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 4

1.- Parameter Code : EM	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Teco Model Number : 43H Serial Number : 43H-44334-271	
5. Installation Date :	01-Jul-1994
6. Performance Specification Test Date :	24-Jul-1994
7. Continuous Monitor Comment : Unit has elected to install and operate CEM for SO2 in lieu of monitoring emissions using fuel sampling and analysis under rule 62-296.405(1)(f)1. Specific conditions from existing permit is enclosed as attachment G5 for reference. CEM is also required under Title IV 40 CFR Part 75.	

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

Emissions Unit Information Section 5

Crist Plant Unit 5 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 5

1. Parameter Code : CO2	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Siemens Model Number : Ultramat 5E Serial Number : E3-730	
5. Installation Date :	01-Jul-1994
6. Performance Specification Test Date :	24-Jul-1994
7. Continuous Monitor Comment : Spectrum Systems Model 300 Dilution Monitoring System uses the Siemens CO2 analyzer to measure the diluent component of the SO2 and NOX emission rate. Unit is required to monitor CO2 under 2-296.405(1)(f)1. and Title IV 40 CFR Part 75.	

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

Emissions Unit Information Section 5

Crist Plant Unit 5 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

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

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 5

Crist Plant Unit 5 Electric Utility Boiler

Supplemental Requirements for All Applications

1. Process Flow Diagram :	EUS5-1
2. Fuel Analysis or Specification :	EUS5-2
3. Detailed Description of Control Equipment :	EUS5-3
4. Description of Stack Sampling Facilities :	EUS5-4
5. Compliance Test Report :	EUS5-5
6. Procedures for Startup and Shutdown :	EUS5-6
7. Operation and Maintenance Plan :	NA
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statute :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	EUS5-10
11. Alternative Modes of Operation (Emissions Trading) :	NA

III. Part 13 - 1

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

12. Identification of Additional Applicable Requirements :	EUS5-12
13. Compliance Assurance Monitoring Plan :	NA
14. Acid Rain Application (Hard-copy Required) : EUA5-14 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

III. EMISSIONS UNIT INFORMATION

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

Emissions Unit Information Section 6

Crist Plant Unit 6 Electric Utility Boiler

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one :

- 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 :

- 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 6 Electric Utility Boiler		
2. Emissions Unit Identification Number :		006
[] 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 6 is a Foster Wheeler front wall fired, dry bottom boiler. The primary fuels are coal and natural gas. Distillate #2 fuel oil is combusted as a secondary fuel.		

Emissions Unit Information Section 6
Crist Plant Unit 6 Electric Utility Boiler

Emissions Unit Control Equipment 1

1. Description :

Particulate emissions from Crist Unit 6 are controlled by a cold side electrostatic precipitator manufactured by Wheelabrator; model number HaRDE. Additional control is obtained by proper operation of the boiler and by the amount of sulfur in the fuel.

2. Control Device or Method Code : 10

Emissions Unit Information Section 6
Crist Plant Unit 6 Electric Utility Boiler

Emissions Unit Control Equipment 2

1. Description :

NOx emissions from Crist Unit 6 are controlled by Foster Wheeler Low NOx Burners installed under the Acid Rain Phase I Program.

2. Control Device or Method Code : 24

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

Emissions Unit Information Section 6
 Crist Plant Unit 6 Electric Utility Boiler

Emissions Unit Details

1. Initial Startup Date :	01-May-1970	
2. Long-term Reserve Shutdown Date :		
3. Package Unit :		
Manufacturer :	Model Number :	
4. Generator Nameplate Rating :	369	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 :	3368	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 6 is capable of full load on coal with #2 fuel oil and "on-spec." used oil as secondary fuels. See Specific Condition 3 in permit in EUS6-12 regarding max heat input at 110% of item 1 above.		

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 6
Crist Plant Unit 6 Electric Utility Boiler

Rule Applicability Analysis

Not Applicable

Emissions Unit Information Section
Crist Plant Unit 6 Electric Utility Boiler

6

List of Applicable Regulations

Title V Core List

Crist Unit 6 Federal-Regulation List (Cr6rule.EPA)

Crist Unit 6 State-Regulation List (Cr6.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

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

<u>Rule Repealed:</u>	<u>Comment:</u>
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 297.345-1 297.400(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	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)

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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
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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 6 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 006
60.8	Performance tests.	0330045		X		Unit 006
60.11	Compliance with standards and maintenance requirements.	0330045		X		Unit 006
60.12	Circumvention.	0330045		X		Unit 006
60.13	Monitoring requirements	0330045		X		Unit 006
60.19	General notifications and reporting requirements	0330045		X		Unit 006
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 006
60.43	Standard for sulfur dioxide.	0330045		X		Unit 006
60.44	Standard for nitrogen oxides.	0330045		X		Unit 006
60.45	Emission and fuel monitoring.	0330045		X		Unit 006
60.46	Test methods and procedures.	0330045		X		Unit 006
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 006
60.43a	Standard for sulfur dioxide.	0330045		X		Unit 006
60.44a	Standard for nitrogen oxides.	0330045		X		Unit 006
60.45a	Commercial demonstration permit.	0330045		X		Unit 006
60.46a	Compliance provisions.	0330045		X		Unit 006
60.47a	Emission monitoring.	0330045		X		Unit 006

EPA Rule	GULF POWER - CRIST UNIT 6 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 006
60.49a	Reporting requirements.	0330045		X		Unit 006
Subpart Db — Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units						
60.42b	Standard for sulfur dioxide.	0330045		X		Unit 006
60.43b	Standard for particulate matter.	0330045		X		Unit 006
60.44b	Standard for nitrogen oxides.	0330045		X		Unit 006
60.45b	Compliance and performance test methods and procedures for sulfur dioxide.	0330045		X		Unit 006
60.46b	Compliance and performance test methods and procedures for particulate matter and nitrogen oxides.	0330045		X		Unit 006
60.47b	Emission monitoring for sulfur dioxide.	0330045		X		Unit 006
60.48b	Emission monitoring for particulate matter and nitrogen oxides.	0330045		X		Unit 006
60.49b	Reporting and recordkeeping.	0330045		X		Unit 006
Subpart Dc — Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units						
60.42c	Standard for sulfur dioxide.	0330045		X		Unit 006
60.43c	Standard for particulate matter.	0330045		X		Unit 006
60.44c	Compliance and performance test methods and procedures for sulfur dioxide.	0330045		X		Unit 006
60.45c	Compliance and performance test methods and procedures for particulate matter.	0330045		X		Unit 006
60.46c	Emission monitoring for sulfur dioxide.	0330045		X		Unit 006
60.47c	Emission monitoring for particulate matter.	0330045		X		Unit 006
60.48c	Reporting and recordkeeping.	0330045		X		Unit 006

EPA Rule	GULF POWER - CRIST UNIT 6 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		X		Unit 006
60.113	Monitoring of operations.	0330045		X		Unit 006
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 006
60.113a	Testing and procedures.	0330045		X		Unit 006
60.114a	Alternative means of emission limitations.	0330045		X		Unit 006
60.115a	Monitoring of operations.	0330045		X		Unit 006
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 006
60.113b	Testing and procedures.	0330045		X		Unit 006
60.114b	Alternative means of emission limitations.	0330045		X		Unit 006
60.115b	Recordkeeping and reporting requirements.	0330045		X		Unit 006
60.116b	Monitoring of operations.	0330045		X		Unit 006
Subpart Y — Standards of Performance for Coal Preparation Plants						
60.252	Standard for particulate matter.	0330045		X		Unit 006
60.253	Monitoring of operations.	0330045		X		Unit 006
60.254	Test methods and procedures.	0330045		X		Unit 006
Subpart GG — Standards of Performance for Stationary Gas Turbines						
60.332	Standard for nitrogen oxides.	0330045		X		Unit 006

EPA Rule	GULF POWER - CRIST UNIT 6 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 006
60.334	Monitoring of operations.	0330045		X		Unit 006
60.335	Test methods and procedures.	0330045		X		Unit 006
Subpart 000 — Standards of Performance for Nonmetallic Mineral Processing Plants						
60.672	Standard for Particulate Matter.	0330045		X		Unit 006
60.674	Monitoring of Operations.	0330045		X		Unit 006
60.676	Reporting and Recordkeeping.	0330045		X		Unit 006
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 006

EPA Rule	GULF POWER - CRIST UNIT 6 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 006
63.7	Performance Testing Requirements.	0330045		×		Unit 006
63.8	Monitoring Requirements.	0330045		×		Unit 006
63.9	Notification Requirements.	0330045		×		Unit 006
63.10	Reporting and Recordkeeping Requirements.	0330045		×		Unit 006
63.11	Control Device Requirements.	0330045		×		Unit 006
Subpart Q — National Emission Standards for Industrial Process Cooling Towers						
63.402	Standard.	0330045		×		Unit 006
63.403	Compliance Dates.	0330045		×		Unit 006
63.404	Compliance Demonstrations.	0330045		×		Unit 006
63.405	Notification Requirements.	0330045		×		Unit 006
63.406	Recordkeeping and Reporting Requirements.	0330045		×		Unit 006
Subpart T — National Emission Standards for Halogenated Solvent Cleaning						
63.462	Batch Cold Cleaning Machine Standards.	0330045		×		Unit 006
63.463	Batch Vapor and In-Line Cleaning Machine Standards.	0330045		×		Unit 006
63.464	Alternative Standards.	0330045		×		Unit 006
63.465	Test Methods.	0330045		×		Unit 006
63.466	Monitoring Procedures.	0330045		×		Unit 006
63.467	Recordkeeping Requirements.	0330045		×		Unit 006
63.468	Reporting Requirements.	0330045		×		Unit 006
Part 72 - EPA Acid Rain Program Permits						
Subpart A — General Provisions						

GULF POWER - CRIST UNIT 6 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		
72.7	New Units Exemption.	0330045		×		Unit 006
72.8	Retired Units Exemption.	0330045		×		Unit 006
72.9	Standard Requirements.	0330045	✓			Unit 006
Subpart B — Designated Representative						
72.20	Authorization and Responsibilities of the Designated Representative	0330045	✓			Unit 006
72.21	Submissions.	0330045	✓			Unit 006
72.22	Alternate Designated Representative.	0330045	✓			Unit 006
72.23	Changing the Designated Representative, Alternate Designated Representative; Changes in the Owners and Operators.	0330045	✓			Unit 006
Subpart C — Acid Rain Applications						
72.30	Requirements to Apply.	0330045	✓			Unit 006
72.32	Permit Applications Shield and Binding Effect of Permit Application.	0330045	✓			Unit 006
72.33	Identification of Dispatch System.	0330045	✓			Unit 006
Subpart D — Acid Rain Compliance Plan and Compliance Options						
72.40	General.	0330045	✓			Unit 006
72.41	Phase I Substitution Plans.	0330045		×		Unit 006
72.42	Phase I Extension Plans.	0330045	✓		Crist Unit 6 & 7	Unit 006
72.43	Phase I Reduced Utilization Plans.	0330045	✓			Unit 006
72.44	Phase II Repowering Extensions.	0330045		×		Unit 006
Subpart E — Acid Rain Permit Contents						
72.51	Permit Shield.	0330045	✓			Unit 006
Subpart I - Compliance Certification						

EPA Rule	GULF POWER - CRIST UNIT 6 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 006
72.91	Phase I Unit Adjusted Utilization.	0330045	✓			Unit 006
72.92	Phase I Unit Allowance Surrender.	0330045	✓			Unit 006
72.93	Units with Phase I Extension Plans.	0330045		×		Unit 006
72.94	Units with Repowering Extension Plans.	0330045		×		Unit 006
Part 73 - EPA Acid Rain Program Sulfur Dioxide Allowance System						
Subpart C — Allowance Tracking System						
73.33	Authorized Account Representative	0330045	✓			Unit 006
73.35	Compliance.	0330045	✓			Unit 006
Part 75 - EPA Acid Rain Program For Continuous Emission Monitoring						
Subpart A — General						
75.4	Compliance Dates.	0330045	✓			Unit 006
75.5	Prohibitions.	0330045	✓			Unit 006
Subpart B — Monitoring Provisions						
75.10	General Operating Requirements.	0330045	✓			Unit 006
75.11	Specific Provisions for Monitoring SO ₂ Emissions (SO ₂ and Flow Monitors).	0330045	✓			Unit 006
75.12	Specific Provisions for Monitoring NO _x Emissions (NO _x and Diluent Gas Monitors).	0330045	✓			Unit 006
75.13	Specific Provisions for Monitoring CO ₂ Emissions.	0330045	✓			Unit 006
75.14	Specific Provisions for Monitoring Opacity.	0330045	✓			Unit 006
75.15	Specific Provisions for Monitoring SO ₂ Emissions Removal by Qualifying Phase I Technology.	0330045		×		Unit 006

EPA Rule	GULF POWER - CRIST UNIT 6 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 006
75.17	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for NO _x Emission Rate.	0330045		×		Unit 006
75.18	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for Opacity.	0330045		×		Unit 006
Subpart C — Operation and Maintenance Requirements						
75.20	Certification and Recertification Procedures.	0330045	✓			Unit 006
75.21	Quality Assurance and Quality Control Requirements.	0330045	✓			Unit 006
75.22	Reference Test Methods.	0330045	✓			Unit 006
75.24	Out-of-Control Periods.	0330045	✓			Unit 006
Subpart D — Missing Data Substitution Procedures						
75.30	General Provisions.	0330045	✓			Unit 006
75.31	Initial Missing Data Procedures.	0330045	✓			Unit 006
75.32	Determination of Monitor Data Availability for Standard Missing Data Procedures.	0330045	✓			Unit 006
75.33	Standard Missing Data Procedures.	0330045	✓			Unit 006
75.34	Units with Add-On Emission Controls.	0330045		×		Unit 006
75.35	Missing Data Procedures for CO ₂	0330045	✓			Unit 006
75.36	Missing Data Procedures for Heat Input	0330045	✓			Unit 006
Subpart E — Alternative Monitoring Systems						
75.40	General Demonstration Requirements.	0330045		×		Unit 006
75.41	Precision Criteria.	0330045		×		Unit 006
75.42	Reliability Criteria.	0330045		×		Unit 006

EPA Rule	GULF POWER - CRIST UNIT 6 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		X		Unit 006
75.44	Timeliness Criteria.	0330045		X		Unit 006
75.45	Daily Quality Assurance Criteria.	0330045		X		Unit 006
75.46	Missing Data Substitution Criteria.	0330045		X		Unit 006
75.47	Criteria for a Class of Affected Units.	0330045		X		Unit 006
75.48	Petition for an Alternative Monitoring System.	0330045		X		Unit 006
Subpart F --- Recordkeeping Requirements						
75.50	General Recordkeeping Provisions.	0330045	✓			Unit 006
75.51	General Recordkeeping Provisions for Specific Situations.	0330045		X		Unit 006
75.52	Certification, Quality Assurance, and Quality Control Record Provisions.	0330045	✓			Unit 006
75.53	Monitoring Plan.	0330045	✓			Unit 006
75.54	General Recordkeeping Provisions	0330045	✓			Unit 006
75.55	General Recordkeeping Provisions for Special Situations	0330045	✓			Unit 006
75.56	Certification, Quality Assurance and Quality Control Record Provision	0330045	✓			Unit 006
Subpart G --- Reporting Requirements						
75.60	General Provisions.	0330045	✓			Unit 006
75.61	Notification of Certification and Recertification Test Dates.	0330045	✓			Unit 006
75.62	Monitoring Plan.	0330045	✓			Unit 006
75.63	Certification or Recertification Applications.	0330045	✓			Unit 006
75.64	Quarterly Reports.	0330045	✓			Unit 006
75.65	Opacity Reports.	0330045	✓			Unit 006

EPA Rule	GULF POWER - CRIST UNIT 6 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 006
Appendix B to Part 75 — Quality Assurance and Quality Control Procedures		0330045	✓			Unit 006
Appendix C to Part 75 — Missing Data Statistical Estimation Procedures		0330045	✓			Unit 006
Appendix D to Part 75 — Optional SO ₂ Emissions Data Protocol for Gas-Fired Units and Oil-Fired Units		0330045		×		Unit 006
Appendix E to Part 75 — Optional NO _x Emissions Estimation Protocol for Gas-Fired Peaking Units and Oil-Fired Peaking Units		0330045		×		Unit 006
EPA Part 76 - Acid Rain Nitrogen Oxides Emission Reduction Program						
76.5	NO _x Emission Limitations for Group 1 Boilers.	0330045	✓			Unit 006
76.8	Early Election for Group 1, Phase II Boilers.	0330045		×		Unit 006
76.9	Permit Applications and Compliance Plans.	0330045	✓			Unit 006
76.10	Alternative Emission Limitations.	0330045	✓			Unit 006
76.11	Emissions Averaging.	0330045	✓			Unit 006
76.12	Phase I NO _x Compliance Extensions.	0330045		×		Unit 006
76.13	Compliance and Excess Emissions	0330045	✓			Unit 006
76.14	Monitoring, Recordkeeping, and Reporting.	0330045	✓		Cost reporting under 76.14 (c).	Unit 006
76.15	Test Methods and Procedures.	0330045	✓		Only if AEL is requested.	Unit 006
EPA Part 77 - Excess Emissions						
77.3	Offset Plans	0330045	✓			Unit 006
77.5(b)	Deduction of Allowances	0330045	✓			Unit 006
77.6	Excess Emission Penalties for SO ₂ and No _x ; and	0330045	✓			Unit 006
EPA Part 82 - Protection Of Stratospheric Ozone						

EPA Rule	GULF POWER - CRIST UNIT 6 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 6 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		
Chapter 62-4 Permits						
62-4.030	General Prohibition.	0330045	✓		State Only	Facility
62-4.04(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 006
	(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 006
	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 006
	2. 40 CFR 60.40a Subpart Da, Electric Utility Steam Generators for which Construction is Commenced after September 18, 1978.	0330045		×	State only.	Unit 006
	3. 40 CFR 60.40b Subpart Db, Industrial-Commercial-Institutional Steam Generating Units.	0330045		×	State only.	Unit 006
	4. 40 CFR 60.40c Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units.	0330045		×	State only.	Unit 006
	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 006
	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 006

GULF POWER - CRIST UNIT 6 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 006
	29. 40 CFR 60.250 Subpart Y, Coal Preparation Plants.	0330045		X	State only.	Unit 006
	37. 40 CFR 60.330 Subpart GG, Stationary Gas Turbines.	0330045		X	State only.	Unit 006
	62. 40 CFR 60.670 Subpart OOO, Non-Metallic Mineral Processing Plants.	0330045		X	State only.	Unit 006
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 006
	(7)(d) General Provisions Adopted.	0330045		X	State only.	Unit 006
	(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 006
	1. 40 CFR 60 Appendix A, Test Methods, are adopted by reference.	0330045		X	State only.	Unit 006
	2. 40 CFR 60 Appendix B, Performance Specifications.	0330045		X	State only.	Unit 006
	3. 40 CFR 60 Appendix C, Determination of Emission Rate Change.	0330045		X	State only.	Unit 006
	5. 40 CFR 60 Appendix F, Quality Assurance Procedures.	0330045		X	State only.	Unit 006
62-204.800(8)	National Emission Standards for Hazardous Air Pollutants (NESHAPS).					
	(8) Standards Adopted.	0330045		X	State only.	Unit 006
	(b)8. 40 CFR Part 61 Subpart M Asbestos.	0330045	✓		State only.	Unit 006

GULF POWER - CRIST UNIT 6 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 006
62-204.800(9)	National Emission Standards for Hazardous Air Pollutants (NESHAPS) - Part 63.					
	(9) Standards Adopted.	0330045		×	State only.	Unit 006
	(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 006
	(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 006
	(d) General Subparts Adopted.	0330045		×	State only.	Unit 006
	1. 40 CFR 63 Subpart A, General Provisions	0330045		×	State only.	Unit 006
	2. 40 CFR 63 Subpart B, Equivalent Emission Limitation by Permit (112(j))	0330045		×	State only.	Unit 006
	4. 40 CFR 63 Subpart D, Compliance Extensions for Early Reductions	0330045		×	State only.	Unit 006
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 006
62-204.800 (13)	Adoption of 40 CFR 73, SO2 Allowance System	0330045	✓		State only.	Unit 006
62-204.800 (14)	Adoption of 40 CFR 75, CEMS	0330045	✓		State only.	Unit 006
62-204.800 (15)	Adoption of 40 CFR 76, Acid Rain Nox Requirement	0330045	✓		State only.	Unit 006
62-204.800 (16)	Adoption of 40 CFR 77, Acid Rain Excess Emissions	0330045	✓		State only.	Unit 006

GULF POWER - CRIST UNIT 6 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 006/ 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 006
	(3) Annual Operating Report for Air Pollutant Emitting Facility.	0330045	✓			Facility
62-210.650	Circumvention.	0330045		×		Unit 006
62-210.700	Excess Emissions.	0330045	✓			Unit 006
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 6 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		
62-213.205	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 006 /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 006
62-214.340	Exemptions.					
	(5) The owners and operators of each unit . . .	0330045	✓			Unit 006
	(6) A new unit shall no longer be exempted . . .	0330045		×		Unit 006
	(7) A retired unit shall no longer be exempted . . .	0330045	✓			Unit 006
62-214.350	Certification.	0330045	✓			Unit 006
62-214.430	Implementation and Termination of Compliance Options. Procedures for activation and termination of compliance options.					
	(1) Activation.	0330045	✓			Unit 006
	(2) Termination.	0330045	✓			Unit 006
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 6 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		
	(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	✓		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.					

GULF POWER - CRIST UNIT 6 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		
62-281.500	(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 006
	(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 006
	(b) Particulate Matter - 0.1 pound per million Btu heat input, as measured by applicable compliance methods.	0330045	✓			Unit 006
	(c) Sulfur Dioxide, as measured by applicable compliance methods.	0330045	✓			Unit 006
	1. (c) e. Sources burning liquid fuel.	0330045	✓		1.98 lbs/MBTU	Unit 006
	2. (c) Sources burning solid fuel.	0330045	✓		5.90 lbs/MBTU	Unit 006

FDEP Rule	GULF POWER - CRIST UNIT 6 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 006
	(d) Nitrogen Oxides (expressed as NO _x).	0330045		×		Unit 006
62-296.405	(e) Test Methods and Procedures.	0330045	✓		Presumably federally enforceable.	Unit 006
	(f) Continuous Emissions Monitoring Requirements.	0330045	✓			Unit 006
	(g) Quarterly Reporting Requirements.	0330045	✓			Unit 006
	(2) New Emissions Units.					
	(a) Visible Emissions - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a	0330045		×		Unit 006
	(b) Particulate Matter - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a	0330045		×		Unit 006
	(c) Sulfur Dioxide - See Rule 62-204.800(7) and 40 CFR 60.43 and 60.43a	0330045		×		Unit 006
	(d) Nitrogen Oxides - See Rule 62-204.800(7) and 40 CFR 60.44 and 60.44a	0330045		×		Unit 006
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 006
	(2) Particulate Matter - Best available control technology in accordance with Rule 62-210.200(40)	0330045		×		Unit 006
	(3) Sulfur Dioxide - Best available control technology in accordance with Rule 62-210.200(40)	0330045		×		Unit 006
62-296.411	Sulfur Storage and Handling Facilities	0330045		×		Unit 006
62-296.500	Reasonably Available Control Technology (RACT) - Volatile Organic Compounds (VOC) and Nitrogen Oxides (NO _x) Emitting Facilities.					
	(1) Applicability.	0330045		×		Unit 006

FDEP Rule	GULF POWER - CRIST UNIT 6 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 006
	(a) Permits - Special Considerations.	0330045		X		Unit 006
	(b) Recordkeeping.	0330045		X		Unit 006
62-296.500	(c) Reporting.	0330045		X		Unit 006
	(3) Exceptions.	0330045		X		Unit 006
	(4) Consideration of Exempt Solvents	0330045		X		Unit 006
	(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 006
62-296.508	Petroleum Liquid Storage					
	(1) Applicability.	0330045		X		Unit 006
	(2) Control Technology.	0330045		X		Unit 006
	(3) Test Methods and Procedures.	0330045		X		Unit 006
62-296.511	Solvent Metal Cleaning.					
	(1) Applicability.	0330045		X		Unit 006
	(2) Cold Cleaning Control Technology.	0330045		X		Unit 006
	(3) Open Top Vapor Degreaser Control Technology.	0330045		X		Unit 006
	(4) Conveyorized Degreaser Control Technology.	0330045		X		Unit 006
	(5) Test Methods and Procedures.	0330045		X	* 8-hr test requirement not in SIP.	Unit 006
62-296.516	Petroleum Liquid Storage Tanks with External Floating Roofs					
	(1) Applicability.	0330045		X		Unit 006
	(2) Control Technology.	0330045		X		Unit 006
	(3) Test Methods and Procedures.	0330045		X		Unit 006

FDEP Rule	GULF POWER - CRIST UNIT 6 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 006
	(2) Compliance Requirements.	0330045		×	State Only	Unit 006
62-296.570	(3) Operation Permit Requirements.	0330045		×	State Only	Unit 006
	(4) RACT Emission Limiting Standards.	0330045		×	State Only	Unit 006
	(a) Compliance Dates and Monitoring.	0330045		×	State Only	Unit 006
	(b) Emission Limiting Standards.	0330045		×	State Only	Unit 006
	(c) Exception for Startup, Shutdown or Malfunction.	0330045		×	State Only	Unit 006
62-296.700	Reasonably Available Control Technology (RACT) Particulate Matter.					
	(1) Applicability.	0330045		×		Unit 006
	(2) Exemptions.	0330045		×		Unit 006
	(3) Specific RACT Emission Limiting Standards for Stationary Emissions Units.	0330045		×		Unit 006
	(4) Maximum Allowable Emission Rates.	0330045		×		Unit 006
	(a) Emissions Unit Data.	0330045		×		Unit 006
	(b) Maximum Emission Rates.	0330045		×		Unit 006
	(5) Circumvention.	0330045		×		Unit 006
	(6) Operation and Maintenance Plan.	0330045		×		Unit 006
	(a) Air Pollution Control Devices and Collection Systems.	0330045		×		Unit 006
	(b) Control Equipment Data.	0330045		×		Unit 006
	(c) Processing or Materials Handling Systems.	0330045		×		Unit 006
	(d) Fossil Fuel Steam Generators.	0330045		×		Unit 006
62-296.702	Fossil Fuel Steam Generators.					

FDEP Rule	GULF POWER - CRIST UNIT 6 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 006
	(2) Emission Limitations.	0330045		×		Unit 006
	(a) Particulate Matter - 0.10 lb/mmBtu	0330045		×		Unit 006
62-296.711	(b) Visible Emissions - 20% opacity.	0330045		×		Unit 006
	(3) Test Methods and Procedures.	0330045		×		Unit 006
	Materials Handling, Sizing, Screening, Crushing and Grinding Operations.					
	(1) Applicability	0330045		×		Unit 006
	(2) Emission Limitations.	0330045		×		Unit 006
	(3) Test Methods and Procedures.	0330045		×		Unit 006
Chapter 62-297 Stationary Sources -- Emission Monitoring						
62-297.310	General Test Requirements.	0330045	✓			Unit 006
	(1) Required Number of Test Runs	0330045	✓			Unit 006
	(2) Operating Rate During Testing	0330045	✓			Unit 006
	(3) Calculation of Emission Rate	0330045	✓			Unit 006
	(4) Applicable Test Procedures.	0330045	✓			Unit 006
	(a) Required Sampling Time.	0330045	✓			Unit 006
	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	✓			Unit 006
	2. Opacity Compliance Tests.	0330045	✓			Unit 006
	(b) Minimum Sample Volume.	0330045	✓			Unit 006
	(c) Required Flow Rate Range.	0330045	✓			Unit 006
	(d) Calibration.	0330045	✓			Unit 006

FDEP Rule	GULF POWER - CRIST UNIT 6 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(e) EPA Method 5.	0330045	✓			Unit 006
	(5) Determination of Process Variables.	0330045	✓			Unit 006
	(6) Required Stack Sampling Facilities					
	(a) Permanent Test Facilities.	0330045	✓			Unit 006
	(b) Temporary Test Facilities.	0330045		✗		Unit 006
	(c) Test Facilities.	0330045	✓			Unit 006
62-297.310	1. Sampling Ports.	0330045	✓			Unit 006
	(d) Work Platforms.	0330045	✓			Unit 006
	(e) Access.	0330045	✓			Unit 006
	(f) Electrical Power.	0330045	✓			Unit 006
	(g) Sampling Equipment Support.	0330045	✓			Unit 006
	(7) Frequency of Compliance Tests.					
	(a) General Compliance Testing.	0330045	✓			Unit 006
	1. Compliance test requirement prior to obtaining operating permit.	0330045		✗		Unit 006
	2. Annual test requirement for excess PM emissions.	0330045	✓			Unit 006
	3. Annual test requirement prior to obtaining renewal permit.	0330045	✓			Unit 006
	4.(a) Annual VE test,	0330045	✓			Unit 006
	(b) Annual test for lead, acrylonitrile and other regulated pollutants,	0330045		✗		Unit 006
	(c) Annual test for each NESHAP pollutant	0330045		✗		Unit 006
	5. No annual PM test required if burn no liquid and/or solid fuel for greater than 400 hrs/year.	0330045		✗		Unit 006
	6. Exemption from semi-annual PM test for steam generators.	0330045		✗		Unit 006
	7. Exemption from quarterly PM test for units not utilizing liquid and/or solid fuel for more than 100 hrs.	0330045		✗		Unit 006

GULF POWER - CRIST UNIT 6 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. Five year VE test requirement for units that operate no more than 400 hrs/year.	0330045		×		Unit 006
	9. Fifteen day advance notification requirement prior to test.	0330045	✓			Unit 006
	10. Compliance test exemption for exempt units and units utilizing a general permit.	0330045		×		Unit 006
62-297.310	(b) Special Compliance Tests.	0330045	✓		Applicable upon any complaint.	Unit 006
	(c) Waiver of Compliance Test Requirement.	0330045	✓		SO2 24 hour CEM/ FS&A program in lieu of annual compliance test.	Unit 006
	(8) Test Reports.	0330045	✓			Unit 006

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 6

Crist Plant Unit 6 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 :	
Common stack shared with Unit 7	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	
Crist Unit 6 - ARMS # 006 Crist Unit 7 - ARMS # 007	
5. Discharge Type Code :	V
6. Stack Height :	450 feet
7. Exit Diameter :	23.2 feet
8. Exit Temperature :	320 °F
9. Actual Volumetric Flow Rate :	2462700 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) : 478.500
	North (km) : 3381.300
14. Emission Point Comment :	

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F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 6

Crist Plant Unit 6 Electric Utility Boiler

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with pulverized bituminous coal. Emissions related to tons burned.	
2. Source Classification Code (SCC) : 1-01-002-02	
3. SCC Units : Tons Burned (all solid fuels)	
4. Maximum Hourly Rate : 140.35	5. Maximum Annual Rate : 1,229,466.00
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 3.90	8. Maximum Percent Ash : 9.30
9. Million Btu per SCC Unit : 24	
10. Segment Comment : Unit 6 is primarily a coal fired unit. This unit is also capable of full load using natural gas. No. 2 fuel oil is used as a secondary fuel.	

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F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 6

Crist Plant Unit 6 Electric Utility Boiler

Segment Description and Rate : Segment 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with natural gas. Emissions related to million cubic feet burned.	
2. Source Classification Code (SCC) : 1-01-006-01	
3. SCC Units : Million Cubic Feet Burned (all gaseous fuels)	
4. Maximum Hourly Rate : 3.20	5. Maximum Annual Rate : 28,032.00
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 :	

III. Part 8 - 2

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 6

Crist Plant Unit 6 Electric Utility Boiler

Segment Description and Rate : Segment 3

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with No. 2 fuel 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 : 5.18	5. Maximum Annual Rate : 45,411.84
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 : Unit 6 limited to 5,184 gallons per hour of #2 oil. Fuel used for startup and flame stabilization.	

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 6
Crist Plant Unit 6 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	024		EL
CO			NS
PM	010		EL
PM10	010		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 6
Crist Plant Unit 6 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
H161			NS
DIOX			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 6
 Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 4

1. Pollutant Emitted :	CO						
2. Total Percent Efficiency of Control :	%						
3. Potential Emissions :	<table style="width:100%; border:none;"> <tr> <td style="text-align:right; width:25%;">70.18</td> <td style="text-align:center; width:25%;">lb/hour</td> <td style="text-align:right; width:25%;">307.37</td> <td style="text-align:right; width:25%;">tons/year</td> </tr> </table>	70.18	lb/hour	307.37	tons/year		
70.18	lb/hour	307.37	tons/year				
4. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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; width:10%;">to</td> <td style="width:30%;"></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						
7. Emissions Method Code :	3						
8. Calculations of Emissions :							
<p>[.5 lb/ton of coal] [140.35 ton/hr] [8760 hr/yr] [1/2000]=307.367 tona/yr Source: AP-42</p>							
9. Pollutant Potential/Estimated Emissions Comment :							

III. Part 9b - 4

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

Emissions Unit Information Section 6

Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 24

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 :	[.00000000004 lb/ton of coal] [140.35 ton/hr] [8760 hr/yr] [1/2000]=.0000000246 ton/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 6
 Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 17

1. Pollutant Emitted :	H014		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.03	lb/hour	0.11 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 :	[.004935 lb antimony/kgals] [5.184 kgals/hr] [8760 hr/yr] [1/2000]=.1121 ton/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 6
 Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 8

1. Pollutant Emitted :	H015		
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 : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.000092 lb arsenic/ton of coal] [140.35 ton /yr] [8760 hr/yr] [1/2000]=.0568 ton/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 6
 Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 18

1. Pollutant Emitted :	H017		
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:	<div style="text-align: right;">to tons/year</div>		
6. Emissions Factor :	Reference : EPRISR		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	<p>[.0000912 lb benzene/ton of coal] [140.35 ton/hr] [8760 hr/yr] [1/2000]=.0561 ton /yr Source EPRISR</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 6
 Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 9

1. Pollutant Emitted :	H021		
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 : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.000103 lb beryllium/ton of coal] [140.35 ton /hr] [8760 hr/yr] [1/2000]=.06303 ton/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 6
Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 10

1. Pollutant Emitted :	H027		
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 : SR			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.000079 lb cadmium/ton of coal] [140.35 ton/hr] [8760 hr/yr] [1/2000]=.0485 ton/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 6
 Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 11

1. Pollutant Emitted :	H046		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.06	lb/hour	0.28 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 :	[.0004496 lb chromium/ton of coal] [140.35 ton/hr] [8760 hr/yr] [1/2000]=.2764 ton/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 6
 Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 16

1. Pollutant Emitted :	H047		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.03	lb/hour	0.12 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 :	[.005217 lb cobalt/kgals] [5.184 kgals/hr] [8760 hr/yr] [1/2000]= .1183 ton/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 6

Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 26

1. Pollutant Emitted :	H095		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.02	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 :	EPRI SR		
7. Emissions Method Code :	2		
8. Calculations of Emissions :	.00282 lbs formaldehyde/kgals .00282 (5.184 kgals/hr) = .015 HCOH lbs/hr .00282 (5.184) (8760 hr/yr) (1ton/2000lbs) = .064 tons/yr		
9. Pollutant Potential/Estimated Emissions Comment :	Source; EPRI Synthesis Report		

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

Emissions Unit Information Section 6

Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 21

1. Pollutant Emitted :	HCL		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	244.22	lb/hour	1,069.70 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 :	[1.740104 lb/ton of coal] [140.35 ton/hr] [8760 hr/yr] [1/2000]=10.69.70 ton/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 6
 Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 22

1. Pollutant Emitted :	H107		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	23.65	lb/hour	103.58 tons/year
4. Synthetically Limited?	[] Yes [X] No		
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor :	Reference : GDW		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.168489 lb HF/ton of coal] [140.35 =ton/hr] [8760 hr/yr] [1/2000]=103.58 ton/yr Source: GDW		
9. Pollutant Potential/Estimated Emissions Comment :			

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

Emissions Unit Information Section 6
 Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 13

1. Pollutant Emitted :	H113
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	0.03 lb/hour 0.33 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 : [.000542 lb manganese/ton of coal] [140.35 ton/hr][8760 hr/yr] [1/2000]=.333 ton/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 6
 Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 14

1. Pollutant Emitted :	H114		
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 : GDW			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	.00014 lb mercury/ton of coal] [140.35 ton/hr] [8760 hr/yr] [1/2000]=.086 ton/yr Source: GDW		
9. Pollutant Potential/Estimated Emissions Comment :			

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

Emissions Unit Information Section 6

Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 15

1. Pollutant Emitted :	H133		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.12	lb/hour	0.54 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 :	[.02397 lb nickel/kgals] [5.184 kgals/hr] [8760 hr/yr] [1/2000]=.5443 ton/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 6

Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 25

1. Pollutant Emitted :	H151		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.02	lb/hour	0.07 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 :	[.0031725 lb POM/kgals] [5.184 kgals/hr] [8760 hr/yr] [1/2000]=.072 ton/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 6
 Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 23

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 :	<p>52.75 pCi radionuclides/g particulate 52.75 (454 g/lb) (104.42 lb particulate/hr) = 2500702.37 pCi/hr 52.75 (454) (104.42) (8760 hr/yr) = 21906152761.2 pCi/yr</p>	
9. Pollutant Potential/Estimated Emissions Comment :	<p>Source; EPRI Synthesis Report This pollutant not measured in lb/hr or ton/yr.</p>	

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

Emissions Unit Information Section 6

Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 20

1. Pollutant Emitted :	H162		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.36	lb/hour	1.56 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 :	[.002541 lb selenium/ton of coal] [140.345 ton/hr] [8760 hr/yr] [1/2000]=1.562 ton/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 6
 Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 19

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 :	EPRISR		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.000034 lb toluene/ton of coal] [140.35 ton/hr] [8760 hr/yr] [1/2000]=.021 ton/yr Source: EPRISR		
9. Pollutant Potential/Estimated Emissions Comment :			

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

Emissions Unit Information Section 6

Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 3

1. Pollutant Emitted :	NOX				
2. Total Percent Efficiency of Control :	%				
3. Potential Emissions :	<table style="width:100%; border:none;"> <tr> <td style="text-align:right;">1,903.50</td> <td style="text-align:center;">lb/hour</td> <td style="text-align:right;">8,337.32</td> <td style="text-align:right;">tons/year</td> </tr> </table>	1,903.50	lb/hour	8,337.32	tons/year
1,903.50	lb/hour	8,337.32	tons/year		
4. Synthetically Limited? [] Yes [X] No					
5. Range of Estimated Fugitive/Other Emissions:	to tons/year				
6. Emissions Factor : Reference : AP-42 @GDW @37.5%					
7. Emissions Method Code : 5					
8. Calculations of Emissions :					
<p>[13.5625 lb/ton of coal] [140:35 ton /hr] [8760 hr/yr] [1/2000] =8337.32 tons/yr using reduction of 37.5% for Low NOx Burners (21.7 * 67.5%) =13.5625 ; Source: AP-42 @ GDW @37.5%</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 6
 Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 12

1. Pollutant Emitted :	PB		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.04	lb/hour	0.16 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 : [.000259 lb/ton of coal] [140.35 ton/hr] [8760 hr/yr] [1/2000]=.159 ton/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 6

Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 5

1. Pollutant Emitted :	PM		
2. Total Percent Efficiency of Control :	99.00	%	
3. Potential Emissions :	104.42	lb/hour	457.36 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		
7. Emissions Method Code :	3		
8. Calculations of Emissions :	<p>[.744 lb/ton of coal] [140.35 ton/hr] [8760 hr/yr] [1/2000]=457.36 ton/yr using (.80(A%) @ 9.3%A = .744); Source: AP-42</p>		
9. Pollutant Potential/Estimated Emissions Comment :	<p>The allowable emissions for this pollutant is 1475 ton/year. Rule 17-296.405 (1)(b)</p>		

III. Part 9b - 5

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

Emissions Unit Information Section 6
Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 6

1. Pollutant Emitted :	PM10		
2. Total Percent Efficiency of Control :	99.00	%	
3. Potential Emissions :	65.26	lb/hour	285.85 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 :	[.465 lb/ton of coal] [140.35 ton /hr] [8760 hr/yr] [1/2000]=285.85 ton/yr Source: AP-42		
9. Pollutant Potential/Estimated Emissions Comment :	the allowable emissions for this pollutant is 1475 ton/year. Rule 17-296.405 (1) (b)		

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

Emissions Unit Information Section 6
Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted :	SAM
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	<div style="display: flex; justify-content: space-between;"> 160.16 lb/hour 701.50 tons/year </div>
4. Synthetically Limited? [<input type="checkbox"/>] Yes [X <input checked="" type="checkbox"/>] No	
5. Range of Estimated Fugitive/Other Emissions:	<div style="display: flex; justify-content: space-between;"> to tons/year </div>
6. Emissions Factor : Reference : AP-42	
7. Emissions Method Code : 3	
8. Calculations of Emissions :	<p>[1.14114 lb/ton of coal] [140.35 ton/hr] [8760 hr/yr] [1/2000] =701..5 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 6
Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted :	SO2
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	19,759.88 lb/hour 86,548.26 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>[140.79 lb/ton] [140.35 ton/hr] = 19,759.88 lbs/hr (140.79 lb/ton) (140.35 ton/hr) [8760 hr/yr] [1/2000]=86548.26 tons/yr using (38(S%).95 @ 3.9%S = 140.79 lb/ ton of coal) : Source AP-42</p>
9. Pollutant Potential/Estimated Emissions Comment :	<p>The allowable emissions for this pollutant is 87035 ton /year Rule 17-296.405 (1) (c) 2c</p>

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

Emissions Unit Information Section 6
Crist Plant Unit 6 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 7

1. Pollutant Emitted :	VOC		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	8.42	lb/hour	36.88 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>[.06 lb/ton of coal] [140.35 ton/hr] [8760 hr/yr] [1/2000]=36.88 ton/yr Source: AP-42</p>		
9. Pollutant Potential/Estimated Emissions Comment :			

Emissions Unit Information Section 6
Crist Plant Unit 6 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 :	5.90 lbs/mmBtu
4. Equivalent Allowable Emissions :	19,871.20 lb/hour 87,035.85 tons/year
5. Method of Compliance :	Daily 24 average based on CEM or FS&A. See SC 15.
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Please see Specific Condition 15 in existing permit relating to compliance to SO2 in Unit 6 Additional Applicable Requirements section EUS6-12. Rule: 62-296.405(1)(c)2.c.

Emissions Unit Information Section 6
Crist Plant Unit 6 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 :	336.80	lb/hour	1,475.18 tons/year
5. Method of Compliance :	Annual Method 17 Particulate Test.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Particulate standard is .1 lbs/mmBtu in 62-296.405(1)(b) and test method is 62-296.405(1)(e)2. Please see Specific Conditions 12 in existing permit in EUS6-12.		

III. Part 9c - 2

Emissions Unit Information Section 6
Crist Plant Unit 6 Electric Utility Boiler

Pollutant Information Section 5

Allowable Emissions 2

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :			
3. Requested Allowable Emissions and Units :	0.30	lbs/MBTU	
4. Equivalent Allowable Emissions :	1,010.40	lb/hour	553.19 tons/year
5. Method of Compliance :	Annual Method 17 Particulate Test.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Excess emissions under 62-210.700 (3). Tet method is 62-296.405 (1) (e)2. Please see Specific Condition 12 in existing permitin EUS6-12.		

III. Part 9c - 4

Emissions Unit Information Section 6
Crist Plant Unit 6 Electric Utility Boiler

Pollutant Information Section 3

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	OTHER
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	
4. Equivalent Allowable Emissions :	
	lb/hour tons/year
5. Method of Compliance :	CEM annual average of Title V Phase I NOx Averaging Plan.
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Crist Unit 6 is part of the Gulf/Mississippi Power NOx Averaging Plan for compliance with Phase I NOx limits. See 40 CFR Part 76 for details. No hrly annual equivalent allowable emissions necessary.

III. Part 9c - 3

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6
Crist Plant Unit 6 Electric Utility Boiler

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	VES									
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;">40</td><td style="padding: 0 10px;">%</td></tr><tr><td style="padding: 0 20px;">Exceptional Conditions :</td><td style="padding: 0 10px;">60</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;">6</td><td style="padding: 0 10px;">min/hour</td></tr></table>	Normal Conditions :	40	%	Exceptional Conditions :	60	%	Maximum Period of Excess Opacity Allowed :	6	min/hour
Normal Conditions :	40	%								
Exceptional Conditions :	60	%								
Maximum Period of Excess Opacity Allowed :	6	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 6

Crist Plant Unit 6 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : VE	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Lear Siegler Model Number : SS-4542 Serial Number : 926231	
5. Installation Date :	01-Dec-1992
6. Performance Specification Test Date :	01-Sep-1993
7. Continuous Monitor Comment : Unit required to monitor opacity under 62-96.405(1)(f)1.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6

Crist Plant Unit 6 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : EM	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Teco Model Number : 43H Serial Number : 43H-38026-257	
5. Installation Date :	01-Dec-1992
6. Performance Specification Test Date :	24-Sep-1993
7. Continuous Monitor Comment : Unit has elected to install and operate CEM for SO2 in lieu of monitoring emissions using fuel sampling and analysis under rule 62-296.405(1)(f)1. Specific conditions from existing permit is enclosed as attachment G6 for reference. CEM is also required under Title IV 40 CFR Part 75.	

III. Part 11 - 2

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Effective : 3-21-96

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6
Crist Plant Unit 6 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : EM	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Teco Model Number : 42D Serial Number : 42D-38570-258	
5. Installation Date :	01-Dec-1992
6. Performance Specification Test Date :	01-Sep-1993
7. Continuous Monitor Comment : Spectrum Systems Model 300 Dilution Monitoring System uses Siemens and Teco analyzers to calculate unit NOx emission rate. CEM required under Title IV 40 CFR Part 75.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6

Crist Plant Unit 6 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 4

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Sierra Model Number : 650 Serial Number : CR-6	
5. Installation Date :	01-Sep-1993
6. Performance Specification Test Date :	24-Sep-1993
7. Continuous Monitor Comment : Spectrum Systems Model 300 Dilution Monitoring System uses heat input measurements from flow to calculate hourly emissions. CEM flow monitors are required under Title IV 40 CFR Part 75.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6

Crist Plant Unit 6 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 5

1. Parameter Code : CO2	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Siemens Model Number : ULTRAMAT 5E Serial Number : C4-136	
5. Installation Date :	01-Dec-1992
6. Performance Specification Test Date :	01-Sep-1993
7. Continuous Monitor Comment : Spectrum Systems Model 300 Dilution Monitoring System uses the Siemens CO2 analyzer to measure the diluent component of the SO2 and NOX emission rate. Unit is required to monitor CO2 under 2-296.405(1)(f)1. and Title IV 40 CFR Part 75.	

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

Emissions Unit Information Section 6

Crist Plant Unit 6 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	NO2 : U
SO2 :	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 6

Crist Plant Unit 6 Electric Utility Boiler

Supplemental Requirements for All Applications

1. Process Flow Diagram :	EUS6-1
2. Fuel Analysis or Specification :	EUS6-2
3. Detailed Description of Control Equipment :	EUS6-3
4. Description of Stack Sampling Facilities :	EUS6-4
5. Compliance Test Report :	EUS6-5
6. Procedures for Startup and Shutdown :	EUS6-6
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 :	EUS6-10
11. Alternative Modes of Operation (Emissions Trading) :	EUS6-11

III. Part 13 - 1

12. Identification of Additional Applicable Requirements :	EUS6-12
13. Compliance Assurance Monitoring Plan :	NA
14. Acid Rain Application (Hard-copy Required) :	
EUS6-14	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

III. EMISSIONS UNIT INFORMATION

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

Emissions Unit Information Section 7

Crist Plant Unit 7 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 7 Electric Utility Boiler		
2. Emissions Unit Identification Number : 007 [] 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 7 is a Foster Wheeler front and rear wall fired, dry bottom boiler. The primary fuels are coal and natural gas. Distillate #2 fuel oil is combusted as a secondary fuel.		

Emissions Unit Information Section 7
Crist Plant Unit 7 Electric Utility Boiler

Emissions Unit Control Equipment 1

1. Description :

The particulate emissions from Crist Unit 7 are controlled by cold side Buell electrostatic precipitators. Additional control is obtained by proper operation of the boiler and by the amount of sulfur in the fuel.

2. Control Device or Method Code : 10

Emissions Unit Information Section 7
Crist Plant Unit 7 Electric Utility Boiler

Emissions Unit Control Equipment 2

1. Description :	
NOx emissions from Crist Unit 7 are controlled by Foster Wheeler Low NOx Burners installed under the Acid Rain Phase I Program.	
2. Control Device or Method Code :	24

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

Emissions Unit Information Section
Crist Plant Unit 7 Electric Utility Boiler

7

Emissions Unit Details

1. Initial Startup Date :	01-Aug-1973	
2. Long-term Reserve Shutdown Date :		
3. Package Unit :		
Manufacturer :		Model Number :
4. Generator Nameplate Rating :	578	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 :	5824	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 7 is capable of full load on coal with #2 fuel oil and "on-spec." used oil as secondary fuels. See Specific Condition 15 in permit in EUS7-12 regarding max heat input at 110% of item 1 above.	

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 7
Crist Plant Unit 7 Electric Utility Boiler

Rule Applicability Analysis

Not Applicable

III. Part 6a - 1

Emissions Unit Information Section
Crist Plant Unit 7 Electric Utility Boiler

7

List of Applicable Regulations

Title V Core List

Crist Unit 7 Federal-Regulation List (Cr7rule.EPA)

Crist Unit 7 State-Regulation List (Cr7rule.DEF)

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.

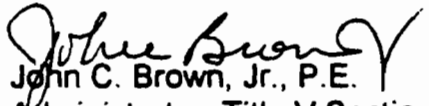
The Department has made numerous changes in its rules in recent months. Therefore, the Title V Core List, a list of rules that presumptively applies to each Title V source, has been updated and is provided for your convenience in completing the Title V application.

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

EPA Rule	GULF POWER - CRIST UNIT 7 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 007
60.8	Performance tests.	0330045		X		Unit 007
60.11	Compliance with standards and maintenance requirements.	0330045		X		Unit 007
60.12	Circumvention.	0330045		X		Unit 007
60.13	Monitoring requirements	0330045		X		Unit 007
60.19	General notifications and reporting requirements	0330045		X		Unit 007
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 007
60.43	Standard for sulfur dioxide.	0330045		X		Unit 007
60.44	Standard for nitrogen oxides.	0330045		X		Unit 007
60.45	Emission and fuel monitoring.	0330045		X		Unit 007
60.46	Test methods and procedures.	0330045		X		Unit 007
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 007
60.43a	Standard for sulfur dioxide.	0330045		X		Unit 007
60.44a	Standard for nitrogen oxides.	0330045		X		Unit 007
60.45a	Commercial demonstration permit.	0330045		X		Unit 007
60.46a	Compliance provisions.	0330045		X		Unit 007
60.47a	Emission monitoring.	0330045		X		Unit 007

EPA Rule	GULF POWER - CRIST UNIT 7 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		×		Unit 007
60.49a	Reporting requirements.	0330045		×		Unit 007
Subpart Db — Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units						
60.42b	Standard for sulfur dioxide.	0330045		×		Unit 007
60.43b	Standard for particulate matter.	0330045		×		Unit 007
60.44b	Standard for nitrogen oxides.	0330045		×		Unit 007
60.45b	Compliance and performance test methods and procedures for sulfur dioxide.	0330045		×		Unit 007
60.46b	Compliance and performance test methods and procedures for particulate matter and nitrogen oxides.	0330045		×		Unit 007
60.47b	Emission monitoring for sulfur dioxide.	0330045		×		Unit 007
60.48b	Emission monitoring for particulate matter and nitrogen oxides.	0330045		×		Unit 007
60.49b	Reporting and recordkeeping.	0330045		×		Unit 007
Subpart Dc — Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units						
60.42c	Standard for sulfur dioxide.	0330045		×		Unit 007
60.43c	Standard for particulate matter.	0330045		×		Unit 007
60.44c	Compliance and performance test methods and procedures for sulfur dioxide.	0330045		×		Unit 007
60.45c	Compliance and performance test methods and procedures for particulate matter.	0330045		×		Unit 007
60.46c	Emission monitoring for sulfur dioxide.	0330045		×		Unit 007
60.47c	Emission monitoring for particulate matter.	0330045		×		Unit 007
60.48c	Reporting and recordkeeping.	0330045		×		Unit 007

EPA Rule	GULF POWER - CRIST UNIT 7 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		X		Unit 007
60.113	Monitoring of operations.	0330045		X		Unit 007
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 007
60.113a	Testing and procedures.	0330045		X		Unit 007
60.114a	Alternative means of emission limitations.	0330045		X		Unit 007
60.115a	Monitoring of operations.	0330045		X		Unit 007
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 007
60.113b	Testing and procedures.	0330045		X		Unit 007
60.114b	Alternative means of emission limitations.	0330045		X		Unit 007
60.115b	Recordkeeping and reporting requirements.	0330045		X		Unit 007
60.116b	Monitoring of operations.	0330045		X		Unit 007
Subpart Y — Standards of Performance for Coal Preparation Plants						
60.252	Standard for particulate matter.	0330045		X		Unit 007
60.253	Monitoring of operations.	0330045		X		Unit 007
60.254	Test methods and procedures.	0330045		X		Unit 007
Subpart GG — Standards of Performance for Stationary Gas Turbines						
60.332	Standard for nitrogen oxides.	0330045		X		Unit 007

EPA Rule	GULF POWER - CRIST UNIT 7 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 007
60.334	Monitoring of operations.	0330045		X		Unit 007
60.335	Test methods and procedures.	0330045		X		Unit 007
Subpart 000 — Standards of Performance for Nonmetallic Mineral Processing Plants						
60.672	Standard for Particulate Matter.	0330045		X		Unit 007
60.674	Monitoring of Operations.	0330045		X		Unit 007
60.676	Reporting and Recordkeeping.	0330045		X		Unit 007
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 007

EPA Rule	GULF POWER - CRIST UNIT 7 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 007
63.7	Performance Testing Requirements.	0330045		×		Unit 007
63.8	Monitoring Requirements.	0330045		×		Unit 007
63.9	Notification Requirements.	0330045		×		Unit 007
63.10	Reporting and Recordkeeping Requirements.	0330045		×		Unit 007
63.11	Control Device Requirements.	0330045		×		Unit 007
Subpart Q — National Emission Standards for Industrial Process Cooling Towers						
63.402	Standard.	0330045		×		Unit 007
63.403	Compliance Dates.	0330045		×		Unit 007
63.404	Compliance Demonstrations.	0330045		×		Unit 007
63.405	Notification Requirements.	0330045		×		Unit 007
63.406	Recordkeeping and Reporting Requirements.	0330045		×		Unit 007
Subpart T — National Emission Standards for Halogenated Solvent Cleaning						
63.462	Batch Cold Cleaning Machine Standards.	0330045		×		Unit 007
63.463	Batch Vapor and In-Line Cleaning Machine Standards.	0330045		×		Unit 007
63.464	Alternative Standards.	0330045		×		Unit 007
63.465	Test Methods.	0330045		×		Unit 007
63.466	Monitoring Procedures.	0330045		×		Unit 007
63.467	Recordkeeping Requirements.	0330045		×		Unit 007
63.468	Reporting Requirements.	0330045		×		Unit 007
Part 72 - EPA Acid Rain Program Permits						
Subpart A — General Provisions						

EPA Rule	GULF POWER - CRIST UNIT 7 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 007
72.8	Retired Units Exemption.	0330045		×		Unit 007
72.9	Standard Requirements.	0330045	✓			Unit 007
Subpart B — Designated Representative						
72.20	Authorization and Responsibilities of the Designated Representative	0330045	✓			Unit 007
72.21	Submissions.	0330045	✓			Unit 007
72.22	Alternate Designated Representative.	0330045	✓			Unit 007
72.23	Changing the Designated Representative, Alternate Designated Representative; Changes in the Owners and Operators.	0330045	✓			Unit 007
Subpart C — Acid Rain Applications						
72.30	Requirements to Apply.	0330045	✓			Unit 007
72.32	Permit Applications Shield and Binding Effect of Permit Application.	0330045	✓			Unit 007
72.33	Identification of Dispatch System.	0330045	✓			Unit 007
Subpart D — Acid Rain Compliance Plan and Compliance Options						
72.40	General.	0330045	✓			Unit 007
72.41	Phase I Substitution Plans.	0330045	✓		Crist Unit 7	Unit 007
72.42	Phase I Extension Plans.	0330045	✓		Crist Unit 6 & 7	Unit 007
72.43	Phase I Reduced Utilization Plans.	0330045	✓			Unit 007
72.44	Phase II Repowering Extensions.	0330045		×		Unit 007
Subpart E — Acid Rain Permit Contents						
72.51	Permit Shield.	0330045	✓			Unit 007
Subpart I - Compliance Certification						

EPA Rule	GULF POWER - CRIST UNIT 7 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 007
72.91	Phase I Unit Adjusted Utilization.	0330045	✓			Unit 007
72.92	Phase I Unit Allowance Surrender.	0330045	✓			Unit 007
72.93	Units with Phase I Extension Plans.	0330045		×		Unit 007
72.94	Units with Repowering Extension Plans.	0330045		×		Unit 007
Part 73 - EPA Acid Rain Program Sulfur Dioxide Allowance System						
Subpart C — Allowance Tracking System						
73.33	Authorized Account Representative	0330045	✓			Unit 007
73.35	Compliance.	0330045	✓			Unit 007
Part 75 - EPA Acid Rain Program For Continuous Emission Monitoring						
Subpart A — General						
75.4	Compliance Dates.	0330045	✓			Unit 007
75.5	Prohibitions.	0330045	✓			Unit 007
Subpart B — Monitoring Provisions						
75.10	General Operating Requirements.	0330045	✓			Unit 007
75.11	Specific Provisions for Monitoring SO ₂ Emissions (SO ₂ and Flow Monitors).	0330045	✓			Unit 007
75.12	Specific Provisions for Monitoring NO _x Emissions (NO _x and Diluent Gas Monitors).	0330045	✓			Unit 007
75.13	Specific Provisions for Monitoring CO ₂ Emissions.	0330045	✓			Unit 007
75.14	Specific Provisions for Monitoring Opacity.	0330045	✓			Unit 007
75.15	Specific Provisions for Monitoring SO ₂ Emissions Removal by Qualifying Phase I Technology.	0330045		×		Unit 007

EPA Rule	GULF POWER - CRIST UNIT 7 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 007
75.17	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for NO _x Emission Rate.	0330045		×		Unit 007
75.18	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for Opacity.	0330045		×		Unit 007
Subpart C — Operation and Maintenance Requirements						
75.20	Certification and Recertification Procedures.	0330045	✓			Unit 007
75.21	Quality Assurance and Quality Control Requirements.	0330045	✓			Unit 007
75.22	Reference Test Methods.	0330045	✓			Unit 007
75.24	Out-of-Control Periods.	0330045	✓			Unit 007
Subpart D — Missing Data Substitution Procedures						
75.30	General Provisions.	0330045	✓			Unit 007
75.31	Initial Missing Data Procedures.	0330045	✓			Unit 007
75.32	Determination of Monitor Data Availability for Standard Missing Data Procedures.	0330045	✓			Unit 007
75.33	Standard Missing Data Procedures.	0330045	✓			Unit 007
75.34	Units with Add-On Emission Controls.	0330045		×		Unit 007
75.35	Missing Data Procedures for CO ₂	0330045	✓			Unit 007
75.36	Missing Data Procedures for Heat Input	0330045	✓			Unit 007
Subpart E — Alternative Monitoring Systems						
75.40	General Demonstration Requirements.	0330045		×		Unit 007
75.41	Precision Criteria.	0330045		×		Unit 007
75.42	Reliability Criteria.	0330045		×		Unit 007

EPA Rule	GULF POWER - CRIST UNIT 7 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 007
75.44	Timeliness Criteria.	0330045		×		Unit 007
75.45	Daily Quality Assurance Criteria.	0330045		×		Unit 007
75.46	Missing Data Substitution Criteria.	0330045		×		Unit 007
75.47	Criteria for a Class of Affected Units.	0330045		×		Unit 007
75.48	Petition for an Alternative Monitoring System.	0330045		×		Unit 007
Subpart F — Recordkeeping Requirements						
75.50	General Recordkeeping Provisions.	0330045	✓			Unit 007
75.51	General Recordkeeping Provisions for Specific Situations.	0330045		×		Unit 007
75.52	Certification, Quality Assurance, and Quality Control Record Provisions.	0330045	✓			Unit 007
75.53	Monitoring Plan.	0330045	✓			Unit 007
75.54	General Recordkeeping Provisions	0330045	✓			Unit 007
75.55	General Recordkeeping Provisions for Special Situations	0330045	✓			Unit 007
75.56	Certification, Quality Assurance and Quality Control Record Provision	0330045	✓			Unit 007
Subpart G — Reporting Requirements						
75.60	General Provisions.	0330045	✓			Unit 007
75.61	Notification of Certification and Recertification Test Dates.	0330045	✓			Unit 007
75.62	Monitoring Plan.	0330045	✓			Unit 007
75.63	Certification or Recertification Applications.	0330045	✓			Unit 007
75.64	Quarterly Reports.	0330045	✓			Unit 007
75.65	Opacity Reports.	0330045	✓			Unit 007

GULF POWER - CRIST UNIT 7 EPA APPLICABLE REQUIREMENTS LIST		(AIRS) Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
EPA Rule	EPA Title					
Appendix A to Part 75 — Specifications and Test Procedures		0330045	✓			Unit 007
Appendix B to Part 75 — Quality Assurance and Quality Control Procedures		0330045	✓			Unit 007
Appendix C to Part 75 — Missing Data Statistical Estimation Procedures		0330045	✓			Unit 007
Appendix D to Part 75 — Optional SO ₂ Emissions Data Protocol for Gas-Fired Units and Oil-Fired Units		0330045		×		Unit 007
Appendix E to Part 75 — Optional NO _x Emissions Estimation Protocol for Gas-Fired Peaking Units and Oil-Fired Peaking Units		0330045		×		Unit 007
EPA Part 76 - Acid Rain Nitrogen Oxides Emission Reduction Program						
76.5	NO _x Emission Limitations for Group 1 Boilers.	0330045	✓			Unit 007
76.8	Early Election for Group 1, Phase II Boilers.	0330045		×		Unit 007
76.9	Permit Applications and Compliance Plans.	0330045	✓			Unit 007
76.10	Alternative Emission Limitations.	0330045	✓			Unit 007
76.11	Emissions Averaging.	0330045	✓			Unit 007
76.12	Phase I NO _x Compliance Extensions.	0330045		×		Unit 007
76.13	Compliance and Excess Emissions	0330045Ap55	3X	Unit 007		
76.14	Monitoring, Recordkeeping, and Reporting.	0330045	✓		Cost reporting under 76.14 (c).	Unit 007
76.15	Test Methods and Procedures.	0330045	✓		Only if AEL is requested.	Unit 007
EPA Part 77 - Excess Emissions						
77.3	Offset Plans	0330045	✓			Unit 007
77.5(b)	Deduction of Allowances	0330045	✓			Unit 007
77.6	Excess Emission Penalties for SO ₂ and No _x ; and	0330045	✓			Unit 007
EPA Part 82 - Protection Of Stratospheric Ozone						

EPA Rule	GULF POWER - CRIST UNIT 7 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 7 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
62-4.04(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 007
	(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 007
	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 007
	2. 40 CFR 60.40a Subpart Da, Electric Utility Steam Generators for which Construction is Commenced after September 18, 1978.	0330045		×	State only.	Unit 007
	3. 40 CFR 60.40b Subpart Db, Industrial-Commercial-Institutional Steam Generating Units.	0330045		×	State only.	Unit 007
	4. 40 CFR 60.40c Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units.	0330045		×	State only.	Unit 007
	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 007
	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 007

GULF POWER - CRIST UNIT 7 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 007
	29. 40 CFR 60.250 Subpart Y, Coal Preparation Plants.	0330045		X	State only.	Unit 007
	37. 40 CFR 60.330 Subpart GG, Stationary Gas Turbines.	0330045		X	State only.	Unit 007
	62. 40 CFR 60.670 Subpart OOO, Non-Metallic Mineral Processing Plants.	0330045		X	State only.	Unit 007
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 007
	(7)(d) General Provisions Adopted.	0330045		X	State only.	Unit 007
	(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 007
	1. 40 CFR 60 Appendix A, Test Methods, are adopted by reference.	0330045		X	State only.	Unit 007
	2. 40 CFR 60 Appendix B, Performance Specifications.	0330045		X	State only.	Unit 007
	3. 40 CFR 60 Appendix C, Determination of Emission Rate Change.	0330045		X	State only.	Unit 007
	5. 40 CFR 60 Appendix F, Quality Assurance Procedures.	0330045		X	State only.	Unit 007
62-204.800(8)	National Emission Standards for Hazardous Air Pollutants (NESHAPS).					
	(8) Standards Adopted.	0330045		X	State only.	Unit 007
	(b)8. 40 CFR Part 61 Subpart M Asbestos.	0330045	✓		State only.	Unit 007

FDEP Rule	GULF POWER - CRIST UNIT 7 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 007
62-204.800(9)	National Emission Standards for Hazardous Air Pollutants (NESHAPS) - Part 63.					
	(9) Standards Adopted.	0330045		×	State only.	Unit 007
	(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 007
	(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 007
	(d) General Subparts Adopted.	0330045		×	State only.	Unit 007
	1. 40 CFR 63 Subpart A, General Provisions	0330045		×	State only.	Unit 007
	2. 40 CFR 63 Subpart B, Equivalent Emission Limitation by Permit (112(j))	0330045		×	State only.	Unit 007
	4. 40 CFR 63 Subpart D, Compliance Extensions for Early Reductions	0330045		×	State only.	Unit 007
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 007
62-204.800 (13)	Adoption of 40 CFR 73, SO2 Allowance System	0330045	✓		State only.	Unit 007
62-204.800 (14)	Adoption of 40 CFR 75, CEMS	0330045	✓		State only.	Unit 007
62-204.800 (15)	Adoption of 40 CFR 76, Acid Rain Nox Requirement	0330045	✓		State only.	Unit 007
62-204.800 (16)	Adoption of 40 CFR 77, Acid Rain Excess Emissions	0330045	✓		State only.	Unit 007

GULF POWER - CRIST UNIT 7 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 007/ 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 007
	(3) Annual Operating Report for Air Pollutant Emitting Facility.	0330045	✓			Facility
62-210.650	Circumvention.	0330045		×		Unit 007
62-210.700	Excess Emissions.	0330045	✓			Unit 007
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 7
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 007 /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 007
62-214.340	Exemptions.					
	(5) The owners and operators of each unit . . .	0330045	✓			Unit 007
	(6) A new unit shall no longer be exempted . . .	0330045		×		Unit 007
	(7) A retired unit shall no longer be exempted . . .	0330045	✓			Unit 007
62-214.350	Certification.	0330045	✓			Unit 007
62-214.430	Implementation and Termination of Compliance Options. Procedures for activation and termination of compliance options.					
	(1) Activation.	0330045	✓			Unit 007
	(2) Termination.	0330045	✓			Unit 007
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 7
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.					

FDEP Rule	GULF POWER - CRIST UNIT 7 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
62-281.500	(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.	0330045RRp4423XState OnX		X		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)(a) Process Weight Table.	0330045		X		Unit 007
	(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 007
	(b) Particulate Matter - 0.1 pound per million Btu heat input, as measured by applicable compliance methods.	0330045	✓			Unit 007
	(c) Sulfur Dioxide, as measured by applicable compliance methods.	0330045	✓			Unit 007
	1. (c) e. Sources burning liquid fuel.	0330045	✓		1.98 lbs/MBTU	Unit 007
	2. (c) Sources burning solid fuel.	0330045	✓		5.90 lbs/MBTU	Unit 007

**GULF POWER - CRIST UNIT 7
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 007
	(d) Nitrogen Oxides (expressed as NO _x).	0330045		×		Unit 007
62-296.405	(e) Test Methods and Procedures.	0330045	✓		Presumably federally enforceable.	Unit 007
	(f) Continuous Emissions Monitoring Requirements.	0330045	✓			Unit 007
	(g) Quarterly Reporting Requirements.	0330045	✓			Unit 007
	(2) New Emissions Units.					
	(a) Visible Emissions - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a	0330045		×		Unit 007
	(b) Particulate Matter - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a	0330045		×		Unit 007
	(c) Sulfur Dioxide - See Rule 62-204.800(7) and 40 CFR 60.43 and 60.43a	0330045		×		Unit 007
	(d) Nitrogen Oxides - See Rule 62-204.800(7) and 40 CFR 60.44 and 60.44a	0330045		×		Unit 007
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 007
	(2) Particulate Matter - Best available control technology in accordance with Rule 62-210.200(40)	0330045		×		Unit 007
	(3) Sulfur Dioxide - Best available control technology in accordance with Rule 62-210.200(40)	0330045		×		Unit 007
62-296.411	Sulfur Storage and Handling Facilities	0330045	✓		S03 generator on Unit 7 only.	Unit 007
62-296.500	Reasonably Available Control Technology (RACT) - Volatile Organic Compounds (VOC) and Nitrogen Oxides (NO _x) Emitting Facilities.					
	(1) Applicability.	0330045		×		Unit 007

GULF POWER - CRIST UNIT 7 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 007
	(a) Permits - Special Considerations.	0330045		X		Unit 007
	(b) Recordkeeping.	0330045		X		Unit 007
62-296.500	(c) Reporting.	0330045		X		Unit 007
	(3) Exceptions.	0330045		X		Unit 007
	(4) Consideration of Exempt Solvents	0330045		X		Unit 007
	(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 007
62-296.508	Petroleum Liquid Storage					
	(1) Applicability.	0330045		X		Unit 007
	(2) Control Technology.	0330045		X		Unit 007
	(3) Test Methods and Procedures.	0330045		X		Unit 007
62-296.511	Solvent Metal Cleaning.					
	(1) Applicability.	0330045		X		Unit 007
	(2) Cold Cleaning Control Technology.	0330045		X		Unit 007
	(3) Open Top Vapor Degreaser Control Technology.	0330045		X		Unit 007
	(4) Conveyorized Degreaser Control Technology.	0330045		X		Unit 007
	(5) Test Methods and Procedures.	0330045		X	* 8-hr test requirement not in SIP.	Unit 007
62-296.516	Petroleum Liquid Storage Tanks with External Floating Roofs					
	(1) Applicability.	0330045		X		Unit 007
	(2) Control Technology.	0330045		X		Unit 007
	(3) Test Methods and Procedures.	0330045		X		Unit 007

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 007
	(2) Compliance Requirements.	0330045		X	State Only	Unit 007
62-296.570	(3) Operation Permit Requirements.	0330045		X	State Only	Unit 007
	(4) RACT Emission Limiting Standards.	0330045		X	State Only	Unit 007
	(a) Compliance Dates and Monitoring.	0330045		X	State Only	Unit 007
	(b) Emission Limiting Standards.	0330045		X	State Only	Unit 007
	(c) Exception for Startup, Shutdown or Malfunction.	0330045		X	State Only	Unit 007
62-296.700	Reasonably Available Control Technology (RACT) Particulate Matter.					
	(1) Applicability.	0330045		X		Unit 007
	(2) Exemptions.	0330045		X		Unit 007
	(3) Specific RACT Emission Limiting Standards for Stationary Emissions Units.	0330045		X		Unit 007
	(4) Maximum Allowable Emission Rates.	0330045		X		Unit 007
	(a) Emissions Unit Data.	0330045		X		Unit 007
	(b) Maximum Emission Rates.	0330045		X		Unit 007
	(5) Circumvention.	0330045		X		Unit 007
	(6) Operation and Maintenance Plan.	0330045		X		Unit 007
	(a) Air Pollution Control Devices and Collection Systems.	0330045		X		Unit 007
	(b) Control Equipment Data.	0330045		X		Unit 007
	(c) Processing or Materials Handling Systems.	0330045		X		Unit 007
	(d) Fossil Fuel Steam Generators.	0330045		X		Unit 007
62-296.702	Fossil Fuel Steam Generators.					

FDEP Rule	GULF POWER - CRIST UNIT 7 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 007
	(2) Emission Limitations.	0330045		×		Unit 007
	(a) Particulate Matter - 0.10 lb/mmBtu	0330045		×		Unit 007
62-296.711	(b) Visible Emissions - 20% opacity.	0330045		×		Unit 007
	(3) Test Methods and Procedures.	0330045		×		Unit 007
Materials Handling, Sizing, Screening, Crushing and Grinding Operations.						
	(1) Applicability	0330045		×		Unit 007
	(2) Emission Limitations.	0330045		×		Unit 007
	(3) Test Methods and Procedures.	0330045		×		Unit 007
Chapter 62-297 Stationary Sources -- Emission Monitoring						
62-297.310	General Test Requirements.	0330045	✓			Unit 007
	(1) Required Number of Test Runs	0330045	✓			Unit 007
	(2) Operating Rate During Testing	0330045	✓			Unit 007
	(3) Calculation of Emission Rate	0330045	✓			Unit 007
	(4) Applicable Test Procedures.	0330045	✓			Unit 007
	(a) Required Sampling Time.	0330045	✓			Unit 007
	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	✓			Unit 007
	2. Opacity Compliance Tests.	0330045	✓			Unit 007
	(b) Minimum Sample Volume.	0330045	✓			Unit 007
	(c) Required Flow Rate Range.	0330045	✓			Unit 007
	(d) Calibration.	0330045	✓			Unit 007

FDEP Rule	GULF POWER - CRIST UNIT 7 FDEP APPLICABLE REQUIREMENTS LIST FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Unit/Facility Potential Applicability
			Yes	No/NA		
	(e) EPA Method 5.	0330045	✓			Unit 007
	(5) Determination of Process Variables.	0330045	✓			Unit 007
	(6) Required Stack Sampling Facilities					
	(a) Permanent Test Facilities.	0330045	✓			Unit 007
	(b) Temporary Test Facilities.	0330045		×		Unit 007
	(c) Test Facilities.	0330045	✓			Unit 007
62-297.310	1. Sampling Ports.	0330045	✓			Unit 007
	(d) Work Platforms.	0330045	✓			Unit 007
	(e) Access.	0330045	✓			Unit 007
	(f) Electrical Power.	0330045	✓			Unit 007
	(g) Sampling Equipment Support.	0330045	✓			Unit 007
	(7) Frequency of Compliance Tests.					
	(a) General Compliance Testing.	0330045	✓			Unit 007
	1. Compliance test requirement prior to obtaining operating permit.	0330045		×		Unit 007
	2. Annual test requirement for excess PM emissions.	0330045	✓			Unit 007
	3. Annual test requirement prior to obtaining renewal permit.	0330045	✓			Unit 007
	4.(a) Annual VE test,	0330045	✓			Unit 007
	(b) Annual test for lead, acrylonitrile and other regulated pollutants,	0330045		×		Unit 007
	(c) Annual test for each NESHAP pollutant	0330045		×		Unit 007
	5. No annual PM test required if burn no liquid and/or solid fuel for greater than 400 hrs/year.	0330045		×		Unit 007
	6. Exemption from semi-annual PM test for steam generators.	0330045		×		Unit 007
	7. Exemption from quarterly PM test for units not utilizing liquid and/or solid fuel for more than 100 hrs.	0330045		×		Unit 007

**GULF POWER - CRIST UNIT 7
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. Five year VE test requirement for units that operate no more than 400 hrs/year.	0330045		X		Unit 007
	9. Fifteen day advance notification requirement prior to test.	0330045	✓			Unit 007
	10. Compliance test exemption for exempt units and units utilizing a general permit.	0330045		X		Unit 007
62-297.310	(b) Special Compliance Tests.	0330045	✓		Applicable upon any complaint.	Unit 007
	(c) Waiver of Compliance Test Requirement.	0330045	✓		SO2 24 hour CEM/ FS&A program in lieu of annual compliance test.	Unit 007
	(8) Test Reports.	0330045	✓			Unit 007

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 7

Crist Plant Unit 7 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 :	Common stack shared with Unit 6
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	Crist Unit 6 - ARMS # 006 Crist Unit 7 - ARMS # 007
5. Discharge Type Code :	V
6. Stack Height :	450 feet
7. Exit Diameter :	23.2 feet
8. Exit Temperature :	270 °F
9. Actual Volumetric Flow Rate :	2462700 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) :	478.500
North (km) :	3381.300

III. Part 7a - 1

14. Emission Point Comment :

III. Part 7a - 2

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F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 7

Crist Plant Unit 7 Electric Utility Boiler

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with pulverized bituminous coal. Emissions related to tons burned.	
2. Source Classification Code (SCC) : 1-01-002-02	
3. SCC Units : Tons Burned (all solid fuels)	
4. Maximum Hourly Rate : 242.68	5. Maximum Annual Rate : 2,125,876.80
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 3.90	8. Maximum Percent Ash : 9.30
9. Million Btu per SCC Unit : 24	
10. Segment Comment : Crist Unit 7 is a front wall fired and rear wall fired, dry bottom boiler. The primary fuel is coal and natural gas. No. 2 fuel oil is used for light-off.	

III. Part 8 - 1

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F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 7

Crist Plant Unit 7 Electric Utility Boiler

Segment Description and Rate : Segment 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with natural gas. Emissions related to million cubic feet burned.	
2. Source Classification Code (SCC) : 1-01-006-01	
3. SCC Units : Million Cubic Feet Burned (all gaseous fuels)	
4. Maximum Hourly Rate : 5.82	5. Maximum Annual Rate : 50,983.20
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 :	

III. Part 8 - 2

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 7

Crist Plant Unit 7 Electric Utility Boiler

Segment Description and Rate : Segment 3

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Boiler fired with No. 2 fuel 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 : 9.29	5. Maximum Annual Rate : 81,406.68
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 : Fuel limited to startup and flame stabilization.	

III. Part 8 - 3

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

Emissions Unit Information Section 7
Crist Plant Unit 7 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	024		EL
CO			NS
PM	010		EL
PM10	010		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 7
Crist Plant Unit 7 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
H161			NS
DIOX			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 7
 Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 4

1. Pollutant Emitted :	CO		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	121.34	lb/hour	531.46 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 :	[.5 lb/ton of coal] [242.675 ton/hr] [8760 hr/yr] p[1/2000]=531.46 ton/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 7

Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 24

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 :	[.00000000004 lb/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=.000000043 ton/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 7

Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 17

1. Pollutant Emitted :	H014		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.05	lb/hour	0.20 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 :	[.004935 lb antimony/kgals] [9.293 kgals/hr] [8760 hr/yr] [1/2000]=.201 ton/yr Source: AP-42		
9. Pollutant Potential/Estimated Emissions Comment :			

III. Part 9b - 17

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

Emissions Unit Information Section 7
 Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 8

1. Pollutant Emitted :	H015		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.02	lb/hour	0.10 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 :	[.000092 lb arsenic/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=.098 ton/yr Source: SR		
9. Pollutant Potential/Estimated Emissions Comment :			

III. Part 9b - 8

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

Emissions Unit Information Section 7

Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 18

1. Pollutant Emitted :	H017			
2. Total Percent Efficiency of Control :	%			
3. Potential Emissions :	0.02	lb/hour	0.10	tons/year
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emissions:				to tons/year
6. Emissions Factor : Reference : EPRISR				
7. Emissions Method Code :	5			
8. Calculations of Emissions :	[.0000912 lb benzene/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=.097 ton/yr Source: EPRISR			
9. Pollutant Potential/Estimated Emissions Comment :				

III. Part 9b - 18

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

Emissions Unit Information Section 7
 Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 9

1. Pollutant Emitted :	H021		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.02	lb/hour	0.11 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			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.000103 lb beryllium/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=.109 ton/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 7

Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 10

1. Pollutant Emitted :	H027		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.02	lb/hour	0.08 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>[.000079 lb cadmium/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=.084 ton/yr Source: SR</p>		
9. Pollutant Potential/Estimated Emissions Comment :			

III. Part 9b - 10

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

Emissions Unit Information Section 7

Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 11

1. Pollutant Emitted :	H046		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.11	lb/hour	0.48 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 :	[.00045 lb/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=.478 ton/yr Source: SR		
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 7
 Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 16

1. Pollutant Emitted :	H047		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.05	lb/hour	0.21 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>[.005217 lb cobalt/kgals] [9.293 kgals/hr] [8760 hr/yr] [1/2000]=.212 ton/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 7
 Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 26

1. Pollutant Emitted :	H095		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.03	lb/hour	0.12 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 (9.293 kgals/hr) = .026 HCOH lbs/hr .00282 (9.293) (8760 hr/yr) (1ton/2000lbs) = .115 tons/yr		
9. Pollutant Potential/Estimated Emissions Comment :	Source; EPRI Synthesis Report		

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

Emissions Unit Information Section 7

Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 21

1. Pollutant Emitted :	HCL		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	422.28	lb/hour	1,849.59 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 :	[1.740104 lb/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=1849.6 ton/yr Source: SR		
9. Pollutant Potential/Estimated Emissions Comment :			

III. Part 9b - 21

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

Emissions Unit Information Section 7
 Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 22

1. Pollutant Emitted :	H107		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	40.89	lb/hour	179.09 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : GDW			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.168489 lb HF/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=179.09 ton/yr Source: GDW		
9. Pollutant Potential/Estimated Emissions Comment :			

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

Emissions Unit Information Section 7
 Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 13

1. Pollutant Emitted :	H113		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.13	lb/hour	0.59 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>[.000542 lb manganese/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=.58 ton/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 7

Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 14

1. Pollutant Emitted :	H114		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.03	lb/hour	0.15 tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor : Reference : GDW			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	.00014 lb mercury/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=.15 ton/yr Source: GDW		
9. Pollutant Potential/Estimated Emissions Comment :			

III. Part 9b - 14

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

Emissions Unit Information Section 7
 Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 15

1. Pollutant Emitted :	H133		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.22	lb/hour	0.98 tons/year
4. Synthetically Limited?	[] Yes [X] No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : AP Def		
7. Emissions Method Code :	3		
8. Calculations of Emissions :	[.02397 lb nickel/kgals] [9.293 kgals/hr] [8760 hr/yr] [1/2000]=.98 ton/yr Source: AP 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 7
 Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 25

1. Pollutant Emitted :	H151		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.03	lb/hour	0.13 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 :	[.0031725 lb POM/kgals] [9.293 kgals/hr] [8760 hr/yr] [1/2000]=.129 ton/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 7

Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 23

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 :	<p>52.75 pCi radionuclides/g particulate 52.75 (454 g/lb) (180.55 lb particulate/hr) = 4323901.68 pCi/hr 52.75 (454) (180.55) (8760 hr/yr) = 37877378673 pCi/yr</p>	
9. Pollutant Potential/Estimated Emissions Comment :	<p>Source; EPRI Synthesis Report This pollutant not measured in lb/hr or ton/yr.</p>	

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

Emissions Unit Information Section 7

Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 20

1. Pollutant Emitted :	H162		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.62	lb/hour	2.70 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 :	[.002541 lb selenium/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=2.7 ton/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 7

Crist Plant Unit 7 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	0.04 tons/year
4. Synthetically Limited?	[] Yes [X] No		
5. Range of Estimated Fugitive/Other Emissions:	to tons/year		
6. Emissions Factor :	Reference : EPRISR		
7. Emissions Method Code :	5		
8. Calculations of Emissions :	[.000034 lb toluene/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=.036 ton/yr Source: EPRISR		
9. Pollutant Potential/Estimated Emissions Comment :			

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

Emissions Unit Information Section 7
 Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 3

1. Pollutant Emitted :	NOX		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	3,291.28	lb/hour	14,415.80 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 @ GDW @37.5%			
7. Emissions Method Code :	5		
8. Calculations of Emissions :	<p>[13.5625 lb/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=14415.8 ton/yr using 37.5% reduction for Lox NOx Burners Source: AP-42 @ GDW @37.5% reduction</p>		
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 7
 Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 12

1. Pollutant Emitted :	PB		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	0.06	lb/hour	0.28 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 :	[.000259 lb/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=.275 ton/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 7

Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 5

1. Pollutant Emitted :	PM		
2. Total Percent Efficiency of Control :	99.00	%	
3. Potential Emissions :	180.55	lb/hour	790.81 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 :	<p>.744 lb/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=790.81 ton/yr using (.80(A%) @9.3%A = .744) Source: AP-42</p>		
9. Pollutant Potential/Estimated Emissions Comment :	<p>The allowable emissions for this pollutant shall not exceed 0.1 lb/mmbtu heat input</p>		

III. Part 9b - 5

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

Emissions Unit Information Section 7
 Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 6

1. Pollutant Emitted :	PM10		
2. Total Percent Efficiency of Control :	99.00	%	
3. Potential Emissions :	112.84	lb/hour	494.26 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>[.465 lb/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=494.26 ton/yr Source: AP-42</p>		
9. Pollutant Potential/Estimated Emissions Comment :	<p>The allowable emissions for this pollutant shall not exceed 0.1 lb/mmbtu heat inptu</p>		

III. Part 9b - 6

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

Emissions Unit Information Section 7

Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted :	SAM
2. Total Percent Efficiency of Control :	%
3. Potential Emissions :	<div style="display: flex; justify-content: space-between;"> 276.93 lb/hour 1,212.94 tons/year </div>
4. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Range of Estimated Fugitive/Other Emissions:	<div style="display: flex; justify-content: space-between;"> to tons/year </div>
6. Emissions Factor :	Reference : AP-42
7. Emissions Method Code :	3
8. Calculations of Emissions :	<p>[1.14114 lb/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=1212.9 ton/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 7
 Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted :	SO2		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	34,166.21	lb/hour	149,648.01 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>(140.79 lb/ton) (242.675 ton/hr) = 34,166.21 lbs/hr [140.79 lb/ton] [242.675 ton/hr][8760 hr/yr][1/2000]=149,648.01 ton/yr using (38(S%).95 @ 3.9%S= 140.79 lbs/ton of coal) : Source: AP-42</p>		
9. Pollutant Potential/Estimated Emissions Comment :	<p>The allowable emissions of this pollutant is 5.9lb/mmbtu heat input per rule 62-296.405(1)(2)2c.</p>		

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

Emissions Unit Information Section 7
 Crist Plant Unit 7 Electric Utility Boiler

Pollutant Potential/Estimated Emissions : Pollutant 7

1. Pollutant Emitted :	VOC		
2. Total Percent Efficiency of Control :	%		
3. Potential Emissions :	14.56	lb/hour	63.78 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 :	[.06 lb/ton of coal] [242.675 ton/hr] [8760 hr/yr] [1/2000]=63.78 ton/yr Source: AP-42		
9. Pollutant Potential/Estimated Emissions Comment :			

III. Part 9b - 7

Emissions Unit Information Section 7
Crist Plant Unit 7 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 :	5.90	lbs/mmBtu	
4. Equivalent Allowable Emissions :	34,361.60	lb/hour	150,503.80 tons/year
5. Method of Compliance :	Daily 24 hour average based on CEM or FS&A. See SC 25.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Please see Specific Condition 25 in existing permit relating to compliance to SO2 in Unit 7 Additional Applicable Requirements section EUS7-12. Rule: 62-296.405(1)(c)2.c.		

III. Part 9c - 1

Emissions Unit Information Section 7
Crist Plant Unit 7 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 :	582.40	lb/hour	2,550.91 tons/year
5. Method of Compliance :	Annual Method 17 Particulate Test.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Particulate standard is .1 lbs/mmBtu in 62-296.405(1)(b) and test method is 62-296.405(1)(e)2. Please see Specific Condition 24 in existing permit in EUS7-12.		

III. Part 9c - 2

Emissions Unit Information Section 7
Crist Plant Unit 7 Electric Utility Boiler

Pollutant Information Section 5

Allowable Emissions 2

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :			
3. Requested Allowable Emissions and Units :	0.30	lbs/MBTU	
4. Equivalent Allowable Emissions :	1,747.20	lb/hour	956.59 tons/year
5. Method of Compliance :	Annual Method 17 Particulate Test.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Excess emissions under 62-210.700 (3). Test method is 62-296.405(1)(e)2. Please see Specific Condition 24 in existing permit in EUS7-12.		

III. Part 9c - 4

Emissions Unit Information Section 7
Crist Plant Unit 7 Electric Utility Boiler

Pollutant Information Section 3

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	OTHER	
2. Future Effective Date of Allowable Emissions :		
3. Requested Allowable Emissions and Units :		
4. Equivalent Allowable Emissions :	lb/hour	tons/year
5. Method of Compliance :	CEM annual average of Title V Phase I NOx Averaging Plan.	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	Crist Unit 7 is part of the Gulf/Mississippi Power NOx Averaging Plan for compliance with Phase I NOx limits. See 40 CFR Part 76 for details. No hrly annual equivalent allowable emissions necessary.	

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 7
Crist Plant Unit 7 Electric Utility Boiler

Visible Emissions Limitation : **Visible Emissions Limitation** 1

1. Visible Emissions Subtype :	VES									
2. Basis for Allowable Opacity :	RULE									
3. Requested Allowable Opacity :	<table style="width: 100%; border: none;"><tr><td style="text-align: right; padding-right: 20px;">Normal Conditions :</td><td style="text-align: center;">40</td><td style="text-align: right;">%</td></tr><tr><td style="text-align: right; padding-right: 20px;">Exceptional Conditions :</td><td style="text-align: center;">60</td><td style="text-align: right;">%</td></tr><tr><td style="text-align: right; padding-right: 20px;">Maximum Period of Excess Opacity Allowed :</td><td style="text-align: center;">6</td><td style="text-align: right;">min/hour</td></tr></table>	Normal Conditions :	40	%	Exceptional Conditions :	60	%	Maximum Period of Excess Opacity Allowed :	6	min/hour
Normal Conditions :	40	%								
Exceptional Conditions :	60	%								
Maximum Period of Excess Opacity Allowed :	6	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 7

Crist Plant Unit 7 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : VE	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Lear Siegler Model Number : SS-4542 Serial Number : 926232	
5. Installation Date :	01-Dec-1992
6. Performance Specification Test Date :	01-Dec-1992
7. Continuous Monitor Comment : Unit required to monitor opacity under 62-96.405(1)(f)1.	

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 7

Crist Plant Unit 7 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Sierra Model Number : 650 Serial Number : CR-7	
5. Installation Date :	01-Sep-1993
6. Performance Specification Test Date :	01-Sep-1993
7. Continuous Monitor Comment : Spectrum Systems Model 300 Dilution Monitoring System uses heat input measurements from flow to calculate hourly emissions. CEM flow monitors are 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 7
Crist Plant Unit 7 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : EM	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Teco Model Number : 42D Serial Number : 42D-38571-258	
5. Installation Date :	01-Dec-1992
6. Performance Specification Test Date :	01-Dec-1992
7. Continuous Monitor Comment : Spectrum Systems Model 300 Dilution Monitoring System uses Siemens and Teco analyzers to calculate unit NOx emission rate. CEM required under Title IV 40 CFR Part 75.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 7
Crist Plant Unit 7 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 4

1. Parameter Code : EM	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Teco Model Number : 43H Serial Number : 43H-38026-257	
5. Installation Date :	01-Dec-1992
6. Performance Specification Test Date :	01-Dec-1992
7. Continuous Monitor Comment : Unit has elected to install and operate CEM for SO2 in lieu of monitoring emissions using fuel sampling and analysis under rule 62-296.405(1)(f)1. Specific conditions from existing permit is enclosed as attachment G7 for reference. CEM is also required under Title IV 40 CFR Part 75.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 7

Crist Plant Unit 7 Electric Utility Boiler

Continuous Monitoring System : Continuous Monitor 5

1. Parameter Code : CO2	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Siemens Model Number : ULTRAMAT 5E Serial Number : C5-137	
5. Installation Date :	01-Dec-1992
6. Performance Specification Test Date :	01-Dec-1992
7. Continuous Monitor Comment : Spectrum Systems Model 300 Dilution Monitoring System uses the Siemens CO2 analyzer to measure the diluent component of the SO2 and NOX emission rate. Unit is required to monitor CO2 under 2-296.405(1)(f)1. and Title IV 40 CFR Part 75.	

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

Emissions Unit Information Section 7

Crist Plant Unit 7 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

7

Crist Plant Unit 7 Electric Utility Boiler

Supplemental Requirements for All Applications

1. Process Flow Diagram :	EUS7-1
2. Fuel Analysis or Specification :	EUS7-2
3. Detailed Description of Control Equipment :	EUS7-3
4. Description of Stack Sampling Facilities :	EUS7-4
5. Compliance Test Report :	EUS7-5
6. Procedures for Startup and Shutdown :	EUS7-6
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 :	EUS7-10
11. Alternative Modes of Operation (Emissions Trading) :	EUS7-11

III. Part 13 - 1

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

12. Identification of Additional Applicable Requirements:	EUS7-12
13. Compliance Assurance Monitoring Plan :	NA
14. Acid Rain Application (Hard-copy Required) :	
EUS7-14	<p>Acid Rain Part - Phase II (Form No. 62-210.900(1)(a))</p> <p>Repowering Extension Plan (Form No. 62-210.900(1)(a)1.)</p> <p>New Unit Exemption (Form No. 62-210.900(1)(a)2.)</p> <p>Retired Unit Exemption (Form No. 62-210.900(1)(a)3.)</p>

III. Part 13 - 2