United States
Environmental Protection Agency
Acid Rain Program

OMB No. 2060-0221
Expires 6-30-95

Phase I Permit Application

RECEIVED 2-17-93

For more information, see instructions and refer to 40 CFR 72.30 and 72.31

This submission is: [X] New [ ] Revised

Page [ ] of [ ]

STEP 1
Identify the source by plant name, State, and ORIS code from NADB

Plant Name	State	ORIS Code
Crist Electric Generating Plant	FL	641

COMPLIANCE PLAN

STEP 2
Specify a compliance plan for this source by identifying each Table 1 and non-Table 1 unit at this source that is subject to Acid Rain Program emissions limitations during Phase I. Identify each unit by boiler ID# from NADB, and mark one or more boxes if you wish to identify additional methods of compliance for each unit

Table 1 Units

ID# 6

EBRG

[X] Hold allowances in accordance with 40 CFR 72.9 (c) (1)
[ ] Substitution plan (include Substitution Plan form)
[ ] Reduced utilization plan (include Reduced Utilization Plan form)
[X] Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State
Petersburg	IN

ID# 7

[X] Hold allowances in accordance with 40 CFR 72.9 (c) (1)
[ ] Substitution plan (include Substitution Plan form)
[ ] Reduced utilization plan (include Reduced Utilization Plan form)
[X] Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

EBRG

Plant Name	State
Mount Storm	WV

ID#

[X] Hold allowances in accordance with 40 CFR 72.9(d)(1)
[ ] Substitution plan (include Substitution Plan form)
[ ] Reduced utilization plan (include Reduced Utilization Plan form)
[ ] Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State

ID#

[X] Hold allowances in accordance with 40 CFR 72.9(d)(1)
[ ] Substitution plan (include Substitution Plan form)
[ ] Reduced utilization plan (include Reduced Utilization Plan form)
[ ] Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State

Plant Name (from Step 1)

Non-Table 1 Units

ID#

- [X] Hold allowances in accordance with 40 CFR 72.9(d)(1)
- [ ] Control unit (include Phase I Extension Plan form)
- [ ] Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

- [ ] Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)
- [ ] Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

ID#

- [X] Hold allowances in accordance with 40 CFR 72.9(d)(1)
- [ ] Control unit (include Phase I Extension Plan form)
- [ ] Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

- [ ] Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)
- [ ] Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

ID#

- [X] Hold allowances in accordance with 40 CFR 72.9(d)(1)
- [ ] Control unit (include Phase I Extension Plan form)
- [ ] Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

- [ ] Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)
- [ ] Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

Crist Electric Generating Plant
Plant Name (from Step 1)

STEP 3
Read the standard requirements and certification, enter the name of the designated representative, and sign and date

Standard Requirements

Permit Requirements.

(i) The designated representative of each affected source and each affected unit at the source shall:
(a) Submit a complete Acid Rain permit application (including a compliance plan) under this part in accordance with the deadlines specified in 40 CFR 72.30;
(b) Submit in a timely manner a complete reduced utilization plan if required under 40 CFR 72.43; and
(c) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;
(ii) The owners and operators of each affected source and each affected unit at the source shall:
(a) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and
(b) Have an Acid Rain Permit.

Monitoring Requirements.

(i) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75 and section 407 of the Act and regulations implementing section 407 of the Act.
(ii) The emissions measurements recorded and reported in accordance with 40 CFR part 75 and section 407 of the Act and regulations implementing section 407 of the Act shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
(iii) The requirements of 40 CFR part 75 and regulations implementing section 407 of the Act shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

(i) The owners and operators of each source and each affected unit at the source shall:
(a) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
(b) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
(ii) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
(iii) An affected unit shall be subject to the requirements under 40 CFR 72.9(c)(1) as follows:
(a) Starting January 1, 1995, an affected unit under 40 CFR 72.6(a)(1);
(b) Starting on or after January 1, 1995 in accordance with 40 CFR 72.41 and 72.43, an affected unit under 40 CFR 72.6(a)(2) or (3) that is a substitution or compensating unit;
(c) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2) that is not a substitution or compensating unit; or
(d) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3) that is not a substitution or compensating unit.
(iv) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
(v) An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1)(i), prior to the calendar year for which the allowance was allocated.
(vi) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
(vii) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

(i) The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
(ii) The owners and operators of an affected unit that has excess emissions in any calendar year shall:
(a) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
(b) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

(i) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority.
(a) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.
(b) All emissions monitoring information, in accordance with 40 CFR part 75.
(c) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program.

Crist Electric Generating Plant
Plant Name (from Step 1)

Recordkeeping and Reporting Requirements (cont.)

(d) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

(ii) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.

(i) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
(ii) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
(iii) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
(iv) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
(v) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
(vi) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.41 (substitution plans), 40 CFR 72.42 (Phase I extension plans), 40 CFR 72.43 (reduced utilization plans), 40 CFR 72.44 (Phase II repowering extension plans), and section 407 of the Act and regulations implementing section 407 of the Act, and except with regard to the requirements applicable to units with a common stack under part 75 of this chapter (including sections 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
(vii) Each violation of a provision of 40 CFR parts 72, 73, 75, 77, and 78, and regulations implementing sections 407 and 410 of the Act by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

(i) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans.
(ii) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act.
(iii) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law.
(iv) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act.
(v) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name: Earl B. Parsons, Jr.	
Signature: Earl B. Parsons Jr.	Date: 2/10/93

STEP 4 (optional)
Enter the source AIRS and FINDS identification numbers, if known

AIRS
FINDS

Gulf Power
Crist Plant
033004

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
100 ALABAMA STREET, S.W.
ATLANTA, GEORGIA 30303-3104

NOV 27 1996

4APT-ARB

RECEIVED
DEC 2 1996
BUREAU OF
AIR REGULATION

Mr. Frederick D. Kuester
Designated Representative
Mississippi Power Company
2992 West Beach Boulevard
P.O. Box 4079
Gulfport, Mississippi 39502

Dear Mr. Kuester:

Enclosed you will find the draft Phase I Acid Rain permit revisions and/or administrative amendments issued by the U.S. Environmental Protection Agency (EPA) on November 12, 1996, for the affected compliance plans for the Gulf Power Company. The draft permits will be finalized upon the end of the designated 30-day comment period. Notices of these permit actions were published during the week of November 11, 1996.

Your cooperation has been appreciated. If you have any questions or comments, please contact Mr. Scott Davis at (404) 562-9127.

Sincerely,

Brian L. Beals
Chief
Preconstruction - Hazardous Air
Pollution Section
Air and Radiation Technology Branch
Air, Pesticides and Toxics
Management Division

Enclosure

cc: M.L. Gilchrist, Gulf Power
Dwain Waters, Gulf Power
Tom Cascio, Florida DEP

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
100 ALABAMA STREET, S.W.
ATLANTA, GEORGIA 30303-3104

PHASE I ACID RAIN PERMIT

Issued to: Gulf Power Company-Crist
Operated by: Gulf Power Company
Effective: January 1, 1995 to December 31, 1999

Summary of Previous Actions

This page will be replaced to document new EPA actions each time a new action is taken by the Agency. The following actions have been taken:

1. Draft permit, including SO_2 compliance plan, issued for public comment (See page 1)	July 16, 1993
2. SO_2 portion of permit finalized and issued	September 3, 1993
3. Permit revised to include a draft nitrogen oxides Compliance Plan for Units 6 and 7, issued for public comment on the NO_x portion only. (see page 4(a) and 5(a) and the NO_x compliance plan forms)	August 24, 1994
4. NO_x portion of permit finalized and issued	October 19, 1994
5. Permit revised to include a draft SO_2 Substitution Plan, issued for public comment on the proposed revision only (See page 5, 6, and 7)	November 4, 1994
6. SO_2 portion of permit revision finalized and issued	December 27, 1994
7. Permit revised to activate the conditional SO_2 Substitution Plan for Units 4, 5, and 7, issued as an administrative amendment (See page 5, 6, and 7)	February 14, 1995
8. Permit administratively amended to change compliance dates for nitrogen oxides compliance plans [and to change requirements in NO_x averaging plans] consistent with 40 CFR part 76 (as promulgated on April 13, 1995)	June 22, 1995

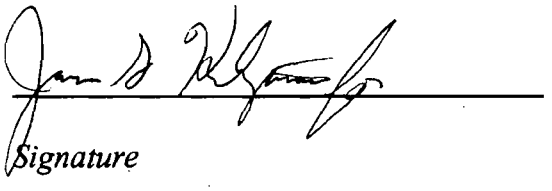
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
100 ALABAMA STREET, S.W.
ATLANTA, GEORGIA 30303-3104

Plant Name: Crist
State: Florida
ORIS Code: 0641

9. Permit revised to include a draft nitrogen oxides Emissions Averaging Plan for Units 4, 5, and 6, issued for public comment on the NO_x portion only, consistent with 40 CFR part 76 (as promulgated on April 13, 1995) (see page 4(a), 6(a), and 7(a) and the NO_x compliance plan)	September 21, 1995
10. NO_x portion of permit revised to reflect changes in the draft NO_x averaging plan for Units 4, 5, and 6, issued as a permit modification (see page 4(a), 6(a), and 7(a) and the NO_x compliance plan)	December 14, 1995
11. Permit revised to include a SO_2 reduced utilization plan for Units 4, 5, 6, and 7, issued as an administrative amendment (See page 3, 4, 5, 6, and 7 and the SO_2 compliance plan)	December 14, 1995

Present Action

12. Permit revised to include a SO_2 reduced utilization plan for Units 4, 5, 6, and 7, issued as an administrative amendment (see page 3, 4, 5, 6, and 7, and the SO_2 compliance plan)	



Signature *Date*

Winston A. Smith
Director, Air, Pesticides and Toxics Management Division
U.S. Environmental Protection Agency, Region 4
100 Alabama Street, S.W.
Atlanta, Georgia 30303
Telephone: (404) 562-9077 Facsimile: (404) 562-9095

Plant Name: Crist Electric Generating Plant
State: Florida
ORIS Code: 0641
Boiler ID#: 0006

Phase I SO_2 Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 *40 CFR 73.10*	18,695	18,695	18,695	18,695	18,695
Phase I Extension *40 CFR 72.42*	*6,570	*6,570	0	0	0
Substitution *40 CFR 72.41*	N/A	N/A	N/A	N/A	N/A
Reduced Utilization *40 CFR 72.43*	0	0	0	0	0

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Pursuant to 40 CFR 72.42 and the ranking of Phase I Extension Early Ranking applications determined by lottery on March 31, 1993, the Phase I Extension plan for Indianapolis Power and Light Company-Petersburg, naming this unit as a transfer unit, has not been approved. It was not approved because unallocated allowances did not remain in the Phase I Extension reserve at the time EPA acted on this plan.

* If Phase I Extension reserve allowances become available in the future, this application is eligible to receive the allocations specified above by administrative amendment to this permit if the Phase I Extension plan continues to meet the requirements of 40 CFR 72.42. Pursuant to 40 CFR 72.42 and the attached Phase I Extension Early Ranking application forms, this unit would have an Acid Rain emissions reduction requirement limiting SO_2 emissions to a maximum of 33,194 tons per year for 1997, 1998, and 1999. Corrections were made to the Phase I Extension application at steps 8, 36, and 39 pursuant to a letter from the designated representative, dated March 30, 1993. The corrections did not affect the number of allowances for which this unit would be eligible. (Continued on page 4)

* If Phase I Extension allowances became available for this unit prior to January 1, 1995, this unit will also receive an extension of the deadline for compliance with regulations implementing Section 407 of the Clean Air Act (nitrogen oxides).

R. SCOTT DAVIS — *Permit Reviewer*

R. Scott Davis — *Signature*

11-7-96 — *Date*

Plant Name: Crist Electric Generating Plant
State: Florida
ORIS Code: 0641
Boiler ID#: 0006

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

1. EPA approves a reduced utilization plan for this unit for 1995 that designates these Southern Company units (see attachments to plan dated October 16, 1995) as compensating units or sulfur free generators. This plan results in the use of improved unit efficiency measures or the shifting of electrical generation to account for underutilization of this unit. There is no allowance allocation for the use of this compliance measure.

2. EPA approves a reduced utilization plan for this unit for 1996-1999 that designates these Southern Company units (see attachments to plan dated October 14, 1996) as compensating units or sulfur free generators. This plan results in the use of energy conservation measures, improved unit efficiency measures, or the shifting of electrical generation to account for underutilization of this unit. There is no allowance allocation for the use of this compliance measure.

R. SCOTT DAVIS	R. Scott Davis	11-7-96
Permit Reviewer	*Signature*	*Date*

Plant Name: Crist Electric Generating Plant
State: Florida
ORIS Code: 0641
Boiler ID#: 0007

Phase I SO_2 Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 *40 CFR 73.10*	30,846	30,846	30,846	30,846	30,846
Phase I Extension *40 CFR 72.42*	19,857	19,857	0	0	0
Substitution *40 CFR 72.41*	0	0	0	0	0
Reduced Utilization *40 CFR 72.43*	0	0	0	0	0

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Pursuant to 40 CFR 72.42 and the ranking of Phase I Extension Early Ranking applications determined by lottery on March 31, 1993, the Phase I Extension plan for Virginia Electric & Power Company-Mount Storm, naming this unit as a transfer unit, has been approved. Pursuant to 40 CFR 72.42 and the attached Phase I Extension Early Ranking application forms, this unit has an Acid Rain emissions reduction requirement limiting SO_2 emissions to a maximum of 48,702 tons per year for 1997, 1998, and 1999. The Phase I Extension Early Ranking forms were modified to correct rounding errors at steps 35, 38, and 41 pursuant to a letter from the designated representative, dated March 11, 1993. This unit has also been granted an extension, until January 1, 1997, of the deadline for compliance with regulations implementing Section 407 of the Clean Air Act (nitrogen oxides).

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

1. EPA approves a substitution plan for this unit for 1995-1999 that designates Gulf Power Company-Scholz Unit 1 and Unit 2, Crist Unit 4 and Unit 5, and Lansing Smith Unit 1 and Unit 2 as substitution units.

2. EPA approves a reduced utilization plan for this unit for 1995 that designates these Southern Company units (see attachments to plan dated October 16, 1995) as compensating units or sulfur free generators. This plan results in the use of improved unit efficiency measures or the shifting of electrical generation to account for underutilization of this unit. There is no allowance allocation for the use of this compliance measure.

3. EPA approves a reduced utilization plan for this unit for 1996-1999 that designates these Southern Company units (see attachments to plan dated October 14, 1996) as compensating units or sulfur free generators. This plan results in the use of energy conservation measures, improved unit efficiency measures, or the shifting of electrical generation to account for underutilization of this unit. There is no allowance allocation for the use of this compliance measure.

R. SCOTT DAVIS	R. Scott Davis	11-7-96
Permit Reviewer	*Signature*	*Date*

Plant Name: Crist
State: Florida
ORIS Code: 0641
Boiler ID#: 0004

Phase I SO_2 Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 *40 CFR 73.10*	N/A	N/A	N/A	N/A	N/A
Phase I Extension *40 CFR 72.42*	N/A	N/A	N/A	N/A	N/A
Substitution *40 CFR 72.41*	9,953	9,953	9,953	9,953	9,953
Reduced Utilization *40 CFR 72.43*	0	0	0	0	0

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

1. EPA approves a substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. This substitution unit will receive the allowances indicated above. In this plan, Crist Unit 5, Scholz Unit 1 and Unit 2, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.

2. The value in step 3, column g, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990.

3. EPA approves a reduced utilization plan for this unit for 1995 that designates these Southern Company units (see attachments to plan dated October 16, 1995) as compensating units or sulfur free generators. This plan results in the use of improved unit efficiency measures or the shifting of electrical generation to account for underutilization of this unit. There is no allowance allocation for the use of this compliance measure.

4. EPA approves a reduced utilization plan for this unit for 1996-1999 that designates these Southern Company units (see attachments to plan dated October 14, 1996) as compensating units or sulfur free generators. This plan results in the use of energy conservation measures, improved unit efficiency measures, or the shifting of electrical generation to account for underutilization of this unit. There is no allowance allocation for the use of this compliance measure.

R. SCOTT DAVIS — *Permit Reviewer*

R. Scott Davis — *Signature*

11-7-96 — *Date*

Plant Name: Crist
State: Florida
ORIS Code: 0641
Boiler ID#: 0005

Phase I SO_2 Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 *40 CFR 73.10*	N/A	N/A	N/A	N/A	N/A
Phase I Extension *40 CFR 72.42*	N/A	N/A	N/A	N/A	N/A
Substitution *40 CFR 72.41*	9,374	9,374	9,374	9,374	9,374
Reduced Utilization *40 CFR 72.43*	0	0	0	0	0

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

1. EPA approves a substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. This substitution unit will receive the allowances indicated above. In this plan, Crist Unit 4, Scholz Unit 1 and Unit 2, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.

2. The value in step 3, column h, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990.

3. EPA approves a reduced utilization plan for this unit for 1995 that designates these Southern Company units (see attachments to plan dated October 16, 1995) as compensating units or sulfur free generators. This plan results in the use of improved unit efficiency measures or the shifting of electrical generation to account for underutilization of this unit. There is no allowance allocation for the use of this compliance measure.

4. EPA approves a reduced utilization plan for this unit for 1996-1999 that designates these Southern Company units (see attachments to plan dated October 14, 1996) as compensating units or sulfur free generators. This plan results in the use of energy conservation measures, improved unit efficiency measures, or the shifting of electrical generation to account for underutilization of this unit. There is no allowance allocation for the use of this compliance measure.

R. SCOTT DAVIS	R. Scott Davis	11-7-96
Permit Reviewer	*Signature*	*Date*

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

SEP 10 1993

RECEIVED

SEP 17 1993

Division of Air Resources Management

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SEP 16 1993

OFFICE OF THE SECRETARY

4APT-AE

Mr. Earl B. Parson, Jr.
Designated Representative
Gulf Power Company
P.O. Box 1151
Pensacola, Florida 32520-0100

Dear Mr. Parson:

Enclosed you will find the final Acid Rain permit issued by the U.S. Environmental Protection Agency (EPA) for Gulf Power Company-Crist. The permit was issued by EPA Region IV on September 8, 1993. A notice of this final permit action was published in the Federal Register on September 3, 1993. Additionally, we have enclosed the response to comments document applicable to your facility. This document will be included in the official EPA administrative record.

Your cooperation has been appreciated. If you should have any questions, please contact Kevin Taylor or me at (404) 347-5014.

Sincerely yours,

Brian L. Beals, Chief
Source Evaluation Unit
Air Enforcement Branch
Air, Pesticides and Toxics
Management Division

Enclosure

cc: Thomas Cascio, FDER
James Vick, Gulf Power Co.
Dwain Waters, Gulf Power Co.
Danny Herrin, Southern Company Services, Inc.

RESPONSE TO COMMENTS

PHASE I ACID RAIN PERMIT
GULF POWER COMPANY
CRIST
DOCKET/ORIS CODE NO. 2049

During the comment period for the draft Phase I Acid Rain Permit for Gulf Power Company-Crist, the Environmental Protection Agency (EPA) received one comment letter. This document responds to and summarizes any comments and identifies the changes, if any, that have resulted in the permit.

I. Reduced Utilization and Substitution Plans

Comment 1.1: The Natural Resources Defense Council (NRDC), et al.*, submitted a comment concerning EPA's proposed approval for 1995 only of substitution plans and reduced utilization plans designating compensating units. To identify the draft permits to which this comment was to apply, the commenters attached a list of draft permits which included the permit for Crist.

Response: Because the draft permit for Crist contains neither a substitution plan nor a reduced utilization plan which designates a compensating unit, the comment submitted by NRDC, et al., is not relevant to the substance of this permit. However, in the Statement of Basis, Part A, pages 2A and 2B, language was included in the draft permit which addressed EPA action on substitution plans and reduced utilization plans designating compensating units. Since neither of these compliance options are being pursued by Crist in this permit action, these pages have been removed from the final permit document.

* Commenters represented by the NRDC submission include, Wasatch Clean Air Coalition, Southern Environmental Law Center, New Jersey Environmental Lobby, Sierra Club-Utah Chapter, Sierra Club, Kentucky Resources Council, A W Butler Audubon Society, Environmental Defense Fund, Audubon Society of New Hampshire, Appalachian Mountain Club, Wyoming Outdoor Council, Sierra Club-PA Chapter, Ohio Environmental Council, Campaign for a Prosperous Georgia, and American Lung Association of New Jersey.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

NOV 0 9 1994

4APT-AEB

Mr. Earl B. Parsons, Jr.
Designated Representative
Gulf Power Company
P.O. Box 1151
Pensacola, Florida 32520-0100

SUBJ: Draft Phase I Acid Rain Permit

Dear Mr. Parsons:

Enclosed you will find the draft Phase I Acid Rain permit revision issued by the Environmental Protection Agency (EPA) for Gulf Power Company - Plant Crist. The draft permit revision was issued by EPA Region IV on November 3, 1994. The public notice of this draft permit action was published in the Federal Register on November 4, 1994.

Your cooperation has been appreciated. If you have any questions, please contact Scott Davis or me at (404) 347-5014.

Sincerely,

for Gregg M. Worley

Brian L. Beals
Chief
Source Evaluation Unit
Air Enforcement Branch
Air, Pesticides and Toxics
Management Division

Enclosure

cc: Thomas Cascio, Florida DEP
Dwain Waters, Gulf Power Company (w/o enclosure)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IV
345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

PHASE I ACID RAIN PERMIT

Issued to: Gulf Power Company-Crist
Operated by: Georgia Power Company
Effective: January 1, 1995 to December 31, 1999

Summary of Previous Actions

This page will be replaced to document new EPA actions each time a new action is taken by the Agency. The following actions have been taken:

1. Draft permit, including SO_2 compliance plan, issued for public comment (See page 1) — July 16, 1993

2. SO_2 portion of permit finalized and issued — September 3, 1993

3. Permit revised to include a draft nitrogen oxides Compliance Plan for Units 6 and 7, issued for public comment on the NO_x portion only. (see page 4(a) and 5(a) and the NO_x compliance plan forms) — August 24, 1994

4. NO_x portion of permit finalized and issued — October 19, 1994

Present Action

5. Permit revised to include a draft SO_2 Substitution Plan, issued for public comment on the proposed revision only (See page 5, 6, and 7)

Bruce P. Miller for — 11/3/94

Signature *Date*

Winston A. Smith
Director, Air, Pesticides and Toxics Management Division
U.S. Environmental Protection Agency, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365
Telephone: (404) 347-3043 Facsimile: (404) 347-5207

Plant Name: Crist
State: Florida
ORIS Code: 0641
Boiler ID#: 0007

Phase I SO_2 Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 *40 CFR 73.10*	30,846	30,846	30,846	30,846	30,846
Phase I Extension *40 CFR 72.42*	19,857	19,857	0	0	0
Substitution *40 CFR 72.41*	0	0	0	0	0
Reduced Utilization *40 CFR 72.43*	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Pursuant to 40 CFR 72.42 and the ranking of Phase I Extension Early Ranking applications determined by lottery on March 31, 1993, the Phase I Extension plan for Virginia Electric & Power Company-Mount Storm, naming this unit as a transfer unit, has been approved. Pursuant to 40 CFR 72.42 and the attached Phase I Extension Early Ranking application forms, this unit has an Acid Rain emissions reduction requirement limiting SO_2 emissions to a maximum of 48,702 tons per year for 1997, 1998, and 1999. The Phase I Extension Early Ranking forms were modified to correct rounding errors at steps 35, 38, and 41 pursuant to a letter from the designated representative, dated March 11, 1993. This unit has also been granted an extension, until January 1, 1997, of the deadline for compliance with regulations implementing Section 407 of the Clean Air Act (nitrogen oxides).

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 that designates Gulf Power Company-Scholz Unit 1 and Unit 2, Crist Unit 4 and Unit 5, and Lansing Smith Unit 1 and Unit 2 as substitution units.

R. SCOTT DAVIS — *Permit Reviewer*

R. Scott Davis — *Signature*

11-1-94 — *Date*

Plant Name: Crist
State: Florida
ORIS Code: 0641
Boiler ID#: 0004

Phase I SO_2 Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 *40 CFR 73.10*	N/A	N/A	N/A	N/A	N/A
Phase I Extension *40 CFR 72.42*	N/A	N/A	N/A	N/A	N/A
Substitution *40 CFR 72.41*	*9,953	*9,953	*9,953	*9,953	*9,953
Reduced Utilization *40 CFR 72.43*	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. If the plan is activated, this substitution unit will receive the allowances indicated above. In this plan, Crist Unit 5, Scholz Unit 1 and Unit 2, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990.

R. SCOTT DAVIS — *Permit Reviewer*

R. Scott Davis — *Signature*

11-1-94 — *Date*

Plant Name: Crist
State: Florida
ORIS Code: 0641
Boiler ID#: 0005

Phase I SO_2 Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 *40 CFR 73.10*	N/A	N/A	N/A	N/A	N/A
Phase I Extension *40 CFR 72.42*	N/A	N/A	N/A	N/A	N/A
Substitution *40 CFR 72.41*	*9,374	*9,374	*9,374	*9,374	*9,374
Reduced Utilization *40 CFR 72.43*	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. If the plan is activated, this substitution unit will receive the allowances indicated above. In this plan, Crist Unit 4, Scholz Unit 1 and Unit 2, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990.

R. SCOTT DAVIS — *Permit Reviewer*

R. Scott Davis — *Signature*

11-1-94 — *Date*

United States
Environmental Protection Agency
Acid Rain Program

OMB No. 2060-0221
Expires 6-30-95

EPA Phase I Permit Application

For more information, see instructions and refer to 40 CFR 72.30 and 72.31

This submission is: ☐ New ☒ Revised

RECEIVED
6-29-94

STEP 1
Identify the source by plant name, State, and ORIS code from NADB

Plant Name	State	ORIS Code
Crist	FL	641

COMPLIANCE PLAN

STEP 2
Specify a compliance plan for this source by identifying each Table 1 and non-Table 1 unit at this source that is subject to Acid Rain Program emissions limitations during Phase I. Identify each unit by boiler ID# from NADB, and mark one or more boxes if you wish to identify additional methods of compliance for each unit

Table 1 Units

ID# 6

EBPG

☒ Hold allowances in accordance with 40 CFR 72.9(c)(1)

☒ Substitution plan (include Substitution Plan form)

☐ Reduced utilization plan (include Reduced Utilization Plan form)

☒ Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State
Petersburg	IN

ID# 7

EBPG

☒ Hold allowances in accordance with 40 CFR 72.9(c)(1)

☒ Substitution plan (include Substitution Plan form)

☐ Reduced utilization plan (include Reduced Utilization Plan form)

☒ Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State
Mount Storm	WV

ID#

☒ Hold allowances in accordance with 40 CFR 72.9(d)(1)

☐ Substitution plan (include Substitution Plan form)

☐ Reduced utilization plan (include Reduced Utilization Plan form)

☐ Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State

ID#

☒ Hold allowances in accordance with 40 CFR 72.9(d)(1)

☐ Substitution plan (include Substitution Plan form)

☐ Reduced utilization plan (include Reduced Utilization Plan form)

☐ Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State

Plant Name (from Step 1)	Crist

Non-Table 1 Units

ID# 4

40 CFR 72.9(c)(1)

[X] Hold allowances in accordance with ~~40 CFR 72.9(c)(1)~~

[ ] Control unit (include Phase I Extension Plan form)

[X] Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

[ ] Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)

[ ] Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

ID# 5

40 CFR 72.9(c)(1)

[X] Hold allowances in accordance with ~~40 CFR 72.9(c)(1)~~

[ ] Control unit (include Phase I Extension Plan form)

[XX] Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

[ ] Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)

[ ] Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

ID#

[X] Hold allowances in accordance with 40 CFR 72.9(d)(1)

[ ] Control unit (include Phase I Extension Plan form)

[ ] Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

[ ] Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)

[ ] Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

Plant Name (from Step 1): Crist

STEP 3
Read the standard requirements and certification, enter the name of the designated representative, and sign and date

Standard Requirements

Permit Requirements.

(i) The designated representative of each affected source and each affected unit at the source shall:
(a) Submit a complete Acid Rain permit application (including a compliance plan) under this part in accordance with the deadlines specified in 40 CFR 72.30;
(b) Submit in a timely manner a complete reduced utilization plan if required under 40 CFR 72.43; and
(c) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;
(ii) The owners and operators of each affected source and each affected unit at the source shall:
(a) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and
(b) Have an Acid Rain Permit.

Monitoring Requirements.

(i) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75 and section 407 of the Act and regulations implementing section 407 of the Act.
(ii) The emissions measurements recorded and reported in accordance with 40 CFR part 75 and section 407 of the Act and regulations implementing section 407 of the Act shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
(iii) The requirements of 40 CFR part 75 and regulations implementing section 407 of the Act shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

(i) The owners and operators of each source and each affected unit at the source shall:
(a) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
(b) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
(ii) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
(iii) An affected unit shall be subject to the requirements under 40 CFR 72.9(c)(1) as follows:
(a) Starting January 1, 1995, an affected unit under 40 CFR 72.6(a)(1);
(b) Starting on or after January 1, 1995 in accordance with 40 CFR 72.41 and 72.43, an affected unit under 40 CFR 72.6(a)(2) or (3) that is a substitution or compensating unit;
(c) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2) that is not a substitution or compensating unit; or
(d) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3) that is not a substitution or compensating unit.
(iv) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
(v) An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1)(i), prior to the calendar year for which the allowance was allocated.
(vi) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
(vii) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

(i) The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
(ii) The owners and operators of an affected unit that has excess emissions in any calendar year shall:
(a) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
(b) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

(i) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority.
(a) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.
(b) All emissions monitoring information, in accordance with 40 CFR part 75.
(c) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program.

Plant Name (from Step 1) Crist

Recordkeeping and Reporting Requirements (cont.)

(d) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

(ii) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.

(i) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
(ii) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
(iii) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
(iv) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
(v) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
(vi) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.41 (substitution plans), 40 CFR 72.42 (Phase I extension plans), 40 CFR 72.43 (reduced utilization plans), 40 CFR 72.44 (Phase II repowering extension plans), and section 407 of the Act and regulations implementing section 407 of the Act, and except with regard to the requirements applicable to units with a common stack under part 75 of this chapter (including sections 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
(vii) Each violation of a provision of 40 CFR parts 72, 73, 75, 77, and 78, and regulations implementing sections 407 and 410 of the Act by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

(i) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State implementation Plans.
(ii) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act.
(iii) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law.
(iv) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act.
(v) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Earl B. Parsons, Jr.

Signature Earl B. Parsons Jr. Date 6/23/94

STEP 4 (optional)
Enter the source AIRS and FINDS identification numbers, if known

AIRS

FINDS

APPENDIX B

Notification of Waiver

The undersigned Designated Representative for Crist plant, 4 - 7 units, waives, with respect to the attached permit application or permit revision, any claim that EPA should or must review and approve (or disapprove) the attached proposed new plan or proposed plan revision pursuant to the terms of the January 11, 1993 rules, and requests that EPA review and approve (or disapprove) the plan based on the requirements of paragraph 1 of the Partial Settlement Agreement to be filed in Case No. 93-1203 (and consolidated cases), in the U.S. Court of Appeals for the D.C. Circuit.

This waiver is conditional on EPA's taking final action on the attached plan by the earlier of:

(1) the date that is six months after a complete submission of the plan is received by EPA, or

(2) with respect to any new or revised plan included in a permit modification to which the fast-track modification procedures under 40 C.F.R. § 72.82 apply, the date that is 30 days after the close of the public comment period on the proposed fast-track modification.

I certify that I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made.

APPROVED: Earl B. Parsons Jr.
Earl B. Parsons, Jr.
Designated Representative

DATE: 6/23/94

United States
Environmental Protection Agency
Acid Rain Program

OMB No. 2060-0221
Expires 6-30-95

Substitution Plan

Page 1

RECEIVED 9-8-94

For more information, see instructions and refer to 40 CFR 72.41

This submission is: ☐ New ☒ Revised

Page 1 of 1

STEP 1
Identify each unit by plant name, State and boiler ID# from NADB. After the boiler ID# of each substitution unit, enter the letter(s) for the Table 1 unit(s) for which the unit is substituting (see instructions)

Table 1 Units

	Plant Name	State	Boiler ID#
a	Crist	FL	7
b			
c			
d			

Substitution Units

	Plant Name	State	Boiler ID#	Table 1 Units
e	Scholz	FL	1	a
f	Scholz	FL	2	a
g	Crist	FL	4	a
h	Crist	FL	5	a
i	Lansing Smith	FL	1	a
j	Lansing Smith	FL	2	a

STEP 2
Enter baseline (see special instructions)

e	f	g	h	i RSD	j RSD
3691249 mmBtu	3826391 mmBtu	4460224 mmBtu	4395842 mmBtu	10983506 ~~10983500~~ mmBtu	12607585 ~~12607580~~ mmBtu

STEP 3 RSD
~~Enter the lesser of the 1985 actual or allowable SO_2 emissions rate from NADB. Do not round~~

4.4871 lbs/mmBtu	4.4803 lbs/mmBtu	4.4628 lbs/mmBtu	4.2650 lbs/mmBtu	1.1069 lbs/mmBtu	1.1483 lbs/mmBtu

STEP 4
Multiply Step 2 and Step 3 entries, divide by 2000, and round to the nearest ton

8282 tons	8572 tons	9953 tons	9374 tons	6079 tons	7239 tons

STEP 5
Mark one of the two options and enter date, if applicable

☐ The effective date of this plan is Januery 1, 199☐

☒ This plan is for conditional epproval. The designated representative will notify the Agency of activetion not later than 60 days before the allowance transfer deadline applicable to the first year for which the plan is to be in effect. Go to Step 7.

STEP 6
Mark one of the two options and enter date, if applicable

RSD

☐ The last date this plan will be in effect is December 31, 199☐ unless notification to terminate the plan prior to that date is given

☒ The last date of the plan is not known. The plan will be effective until December 31, 1999, unless the designated representative notifies the Agency of termination of the plan prior to that date.

Crist
Plant Name (see instructions)

STEP 7
Complete Step 8, if applicable, read the special provisions and certification, and print the name of the designated representative for each source identified in this plan. Each designated representative must sign and date

Special Provisions

Emissions Limitations.

(i) Each substitution unit governed by an approved substitution plan shall become a Phase I unit from January 1 of the year for which the plan takes effect until January 1 of the year for which the plan is no longer in effect or is terminated.
(ii) Each unit under 40 CFR 72.41(a)(1), and each substitution unit, governed by an approved substitution plan shall be subject to the Acid Rain emissions limitations for nitrogen oxides in accordance with section 407 of the Act and regulations implementing section 407 of the Act.

Liability. The owners and operators of a unit governed by an approved substitution plan shall be liable for any violation of the plan or 40 CFR 72.41 at that unit or any other unit that is the first unit's substitution unit or for which the first unit is a substitution unit under the plan, including liability for fulfilling the obligations specified in 40 CFR part 77 and section 411 of the Act.

Termination.

(i) A substitution plan shall be in effect only in Phase I for the calendar years specified in the plan or until the calendar year for which a termination of the plan takes effect, provided that no substitution plan shall be terminated, and no unit shall be de-designated as a substitution unit, before the end of Phase I if the substitution unit serves as a control unit under a Phase I extension plan.
(ii) To terminate a substitution plan for a given calendar year prior to the last year for which the plan was approved:

(a) A notification to terminate in accordance with 40 CFR 72.40(d) shall be submitted no later than 60 days before the allowance transfer deadline applicable to the given year; and
(b) In the notification to terminate, the designated representative of each unit governed by the plan shall state that he or she surrenders for deduction from the unit's Allowance Tracking System account allowances equal in number to, and with the same or an earlier compliance use date, as those allocated under 40 CFR 72.41(d)(1) for all calendar years for which the plan is to be terminated. The designated representative may identify the serial numbers of the allowances to be deducted. In the absence of such identification, allowances will be deducted on a first-in, first-out basis under 40 CFR 73.35(c)(2).

(iii) If the requirements of 40 CFR 72.41(e)(2)(ii) are met and upon revision of the permit to terminate the substitution plan, the Administrator will deduct the allowances specified in 40 CFR 72.41(e)(2)(ii)(B). No substitution plan shall be terminated, and no unit shall be de-designated as a Phase I unit, unless such deduction is made.
(iv) Change of owner or operator. If there is a change in the owners or operators (which includes for purposes of this section the designated representative) of any unit governed by an approved substitution plan and the requirement under 40 CFR 72.41(b)(1)(i) is no longer met, then the designated representatives of the units governed by the plan shall terminate the plan as of January 1 of the calendar year during which the change was made. If the designated representatives fail to terminate the plan, the Administrator, on his own motion, shall terminate the plan and deduct the allowances required to be surrendered under 40 CFR 72.41(e)(2)(ii).

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Earl B. Parsons, Jr.	
Signature Earl B. Parsons Jr.	Date 8/31/94
Name	
Signature	Date
Name	
Signature	Date
Name	
Signature	Date

...orksheet for Substitution Plans

For each proposed substitution unit identified on the Substitution Plan form, please compute the values to be entered at Step 3 of the Substitution Plan form as follows (see detailed instructions on next page):

	e	f	g	h	i	j
STEP A Enter the 1989 SO_2 emissions (to 2 decimal places)	8835.53 tons	8615.35 tons	11032.66 tons	8053.21 tons	16061.47 tons	23195.85 tons
STEP B Enter the 1989 boiler total heat input	3958079.60 mmBtu	3859575.80 mmBtu	4756386.20 mmBtu	3491200.00 mmBtu	7185227.20 mmBtu	10498836.40 mmBtu
STEP C Divide Step A by Step B, multiply by 2000, and enter result (to 4 decimal places)	4.4646 lbs/mmBtu	4.4644 lbs/mmBtu	4.6391 lbs/mmBtu	4.6134 lbs/mmBtu	4.4707 lbs/mmBtu	4.4187 lbs/mmBtu
STEP D Enter the 1990 SO_2 emissions (to 2 decimal places)	7152.17 tons	6534.02 tons	9717.93 tons	9411.43 tons	16053.01 tons	17957.88 tons
STEP E Enter the 1990 boiler total heat input	3187895.40 mmBtu	2916775.40 mmBtu	4282649.80 mmBtu	4142998.40 mmBtu	7233538.40 mmBtu	8131163.40 mmBtu
STEP F Divide Step D by Step E, multiply by 2000, and enter result (to 4 decimal places)	4.4871 lbs/mmBtu	4.4803 lbs/mmBtu	4.5383 lbs/mmBtu	4.5433 lbs/mmBtu	4.4385 lbs/mmBtu	4.4171 lbs/mmBtu
STEP G Enter the most stringent SO_2 emission limit that was adopted or promulgated as of 11/15/90 and that is applicable to the unit during Phase I	6.17 lbs/mmBtu	6.17 lbs/mmBtu	5.9 lbs/mmBtu	5.9 lbs/mmBtu	6.17 lbs/mmBtu	6.17 lbs/mmBtu
STEP H Enter the lesser of the 1985 actual or allowable SO_2 emission rate from NADB	4.8053 lbs/mmBtu	4.8057 lbs/mmBtu	4.4628 lbs/mmBtu	4.2650 lbs/mmBtu	1.1069 lbs/mmBtu	1.1483 lbs/mmBtu
STEP I Enter the greater of Step C and Step F	4.4871 lbs/mmBtu	4.4803 lbs/mmBtu	4.6391 lbs/mmBtu	4.6134 lbs/mmBtu	4.4707 lbs/mmBtu	4.4187 lbs/mmBtu
STEP J Enter the lesser of Steps G, H, and I here and at Step 3 on the Substitution Plan form	4.4871 lbs/mmBtu	4.4803 lbs/mmBtu	4.4628 lbs/mmBtu	4.2650 lbs/mmBtu	1.1069 lbs/mmBtu	1.1483 lbs/mmBtu

STEP K
Read the certification, sign and date

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name: Earl B. Parsons, Jr.	
Signature: Earl B. Parsons Jr.	Date: 6/23/94
Name:	
Signature:	Date:
Name:	
Signature:	Date:
Name:	
Signature:	Date:

Instructions

Steps A, B, D, and E

To the extent that there are differences between your underlying data, which you used to calculate these values, and data you have previously submitted to the Energy Information Administration (EIA), and you believe that your current underlying data is correct, you must request EIA to correct its data and submit any supporting documentation to them. Please also submit a copy of the supporting documentation with this worksheet.

Step G

Choose from all unit-specific SO_2 emission limits (including federal, state, or local limits, converted to lbs/mmBtu, where necessary) that apply to the unit, will be effective during Phase I (1995-1999), and were adopted or promulgated as of November 15, 1990.

If the most stringent of these emission limits is different for different years in Phase I, then this worksheet must be completed separately for each year in Phase I. In this case, the value at Step J for the first year of the plan is entered at Step a on the Substitution Plan form.

If the unit is subject to a non-unit-specific SO_2 emission limit during Phase I that was adopted or promulgated as of November 15, 1990, provide separately this limit and the statutory and regulatory authority under which the limit was adopted or promulgated.

Phase I Pe

r other submission
the Acid Rain Program.

APPENDIX B

Notification of Waiver

The undersigned Designated Representative for Crist plant, 4 - 7 units, waives, with respect to the attached permit application or permit revision, any claim that EPA should or must review and approve (or disapprove) the attached proposed new plan or proposed plan revision pursuant to the terms of the January 11, 1993 rules, and requests that EPA review and approve (or disapprove) the plan based on the requirements of paragraph 1 of the Partial Settlement Agreement to be filed in Case No. 93-1203 (and consolidated cases), in the U.S. Court of Appeals for the D.C. Circuit.

This waiver is conditional on EPA's taking final action on the attached plan by the earlier of:

(1) the date that is six months after a complete submission of the plan is received by EPA, or

(2) with respect to any new or revised plan included in a permit modification to which the fast-track modification procedures under 40 C.F.R. § 72.82 apply, the date that is 30 days after the close of the public comment period on the proposed fast-track modification.

I certify that I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made.

APPROVED: Earl B. Parsons Jr.
Earl B. Parsons, Jr.
Designated Representative

DATE: 6/23/94

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

DEC 21 1994

4APT-AEB

Mr. Earl B. Parsons, Jr.
Designated Representative
Gulf Power Company
P.O. Box 1151
Pensacola, Florida 32520-0100

SUBJ: Final Phase I Acid Rain Permit

Dear Mr. Parsons:

Enclosed you will find the final Phase I Acid Rain permit revision issued by the Environmental Protection Agency (EPA) for Gulf Power Company - Plant Crist. The final permit revision was issued by EPA Region IV on December 14, 1994. The public notice of this final permit action was scheduled for publication in the Federal Register on December 16, 1994.

Your cooperation has been appreciated. If you have any questions, please contact Scott Davis or me at (404) 347-5014.

Sincerely,

Brian L. Beals
Chief
Source Evaluation Unit
Air Enforcement Branch
Air, Pesticides and Toxics
Management Division

Enclosure

cc: Thomas Cascio, Florida DEP
Dwain Waters, Gulf Power Company (w/o enclosure)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E
ATLANTA, GEORGIA 30365

PHASE I ACID RAIN PERMIT

Issued to: Gulf Power Company-Crist
Operated by: Gulf Power Company
Effective: January 1, 1995 to December 31, 1999

Summary of Previous Actions

This page will be replaced to document new EPA actions each time a new action is taken by the Agency. The following actions have been taken:

1. Draft permit, including SO_2 compliance plan, issued for public comment (See page 1)	July 16, 1993
2. SO_2 portion of permit finalized and issued	September 3, 1993
3. Permit revised to include a draft nitrogen oxides Compliance Plan for Units 6 and 7, issued for public comment on the NO_x portion only. (see page 4(a) and 5(a) and the NO_x compliance plan forms)	August 24, 1994
4. NO_x portion of permit finalized and issued	October 19, 1994
5. Permit revised to include a draft SO_2 Substitution Plan, issued for public comment on the proposed revision only (See page 5, 6, and 7)	November 4, 1994

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IV
345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

Plant Name: Crist
State: Florida
ORIS Code: 0641

Present Action

6. SO_2 portion of permit revision finalized and issued

Winston A. Smith DEC 14 1994

Signature *Date*

Winston A. Smith
Director, Air, Pesticides and Toxics Management Division
U.S. Environmental Protection Agency, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365
Telephone: (404) 347-3043 Facsimile: (404) 347-5207

Plant Name: Crist
State: Florida
ORIS Code: 0641
Boiler ID#: 0007

Phase I SO_2 Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 *40 CFR 73.10*	30,846	30,846	30,846	30,846	30,846
Phase I Extension *40 CFR 72.42*	19,857	19,857	0	0	0
Substitution *40 CFR 72.41*	0	0	0	0	0
Reduced Utilization *40 CFR 72.43*	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Pursuant to 40 CFR 72.42 and the ranking of Phase I Extension Early Ranking applications determined by lottery on March 31, 1993, the Phase I Extension plan for Virginia Electric & Power Company-Mount Storm, naming this unit as a transfer unit, has been approved. Pursuant to 40 CFR 72.42 and the attached Phase I Extension Early Ranking application forms, this unit has an Acid Rain emissions reduction requirement limiting SO_2 emissions to a maximum of 48,702 tons per year for 1997, 1998, and 1999. The Phase I Extension Early Ranking forms were modified to correct rounding errors at steps 35, 38, and 41 pursuant to a letter from the designated representative, dated March 11, 1993. This unit has also been granted an extension, until January 1, 1997, of the deadline for compliance with regulations implementing Section 407 of the Clean Air Act (nitrogen oxides).

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 that designates Gulf Power Company-Scholz Unit 1 and Unit 2, Crist Unit 4 and Unit 5, and Lansing Smith Unit 1 and Unit 2 as substitution units.

R. SCOTT DAVIS — *Permit Reviewer*

R. Scott Davis — *Signature*

12-12-94 — *Date*

Plant Name: Crist
State: Florida
ORIS Code: 0641
Boiler ID#: 0004

Phase I SO_2 Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 *40 CFR 73.10*	N/A	N/A	N/A	N/A	N/A
Phase I Extension *40 CFR 72.42*	N/A	N/A	N/A	N/A	N/A
Substitution *40 CFR 72.41*	*9,953	*9,953	*9,953	*9,953	*9,953
Reduced Utilization *40 CFR 72.43*	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. If the plan is activated, this substitution unit will receive the allowances indicated above. In this plan, Crist Unit 5, Scholz Unit 1 and Unit 2, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.

2. The value in step 3, column g, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990.

R. SCOTT DAVIS — *Permit Reviewer*

R. Scott Davis — *Signature*

12-12-94 — *Date*

Plant Name: Crist
State: Florida
ORIS Code: 0641
Boiler ID#: 0005

Phase I SO_2 Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 *40 CFR 73.10*	N/A	N/A	N/A	N/A	N/A
Phase I Extension *40 CFR 72.42*	N/A	N/A	N/A	N/A	N/A
Substitution *40 CFR 72.41*	*9,374	*9,374	*9,374	*9,374	*9,374
Reduced Utilization *40 CFR 72.43*	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. If the plan is activated, this substitution unit will receive the allowances indicated above. In this plan, Crist Unit 4, Scholz Unit 1 and Unit 2, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.

2. The value in step 3, column h, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990.

R. SCOTT DAVIS — *Permit Reviewer*

R. Scott Davis — *Signature*

12-12-94 — *Date*

United States
Environmental Protection Agency
Acid Rain Program

OMB No. 2060-0221
Expires 6-30-95

EPA Phase I Permit Application

For more information, see instructions and refer to 40 CFR 72.30 and 72.31

This submission is: ☐ New ☒ Revised

RECEIVED 6-29-94

STEP 1
Identify the source by plant name, State, and ORIS code from NADB

Plant Name	State	ORIS Code
Crist	FL	641

COMPLIANCE PLAN

STEP 2
Specify a compliance plan for this source by identifying each Table 1 and non-Table 1 unit at this source that is subject to Acid Rain Program emissions limitations during Phase I. Identify each unit by boiler ID# from NADB, and mark one or more boxes if you wish to identify additional methods of compliance for each unit

Table 1 Units

ID# 6

EBFG

☒ Hold allowances in accordance with 40 CFR 72.9(c)(1)

☒ Substitution plan (include Substitution Plan form) RSD

☐ Reduced utilization plan (include Reduced Utilization Plan form)

☒ Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State
Petersburg	IN

ID# 7

EBFG

☒ Hold allowances in accordance with 40 CFR 72.9(c)(1)

☒ Substitution plan (include Substitution Plan form)

☐ Reduced utilization plan (include Reduced Utilization Plan form)

☒ Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State
Mount Storm	WV

ID#

☒ Hold allowances in accordance with 40 CFR 72.9(d)(1)

☐ Substitution plan (include Substitution Plan form)

☐ Reduced utilization plan (include Reduced Utilization Plan form)

☐ Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State

ID#

☒ Hold allowances in accordance with 40 CFR 72.9(d)(1)

☐ Substitution plan (include Substitution Plan form)

☐ Reduced utilization plan (include Reduced Utilization Plan form)

☐ Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State

Plant Name (from Step 1): Crist

Non-Table 1 Units

ID# 4

40 CFR 72.9(c)(1)

- [X] Hold allowances in accordance with ~~40 CFR 72.9(c)(1)~~
- [ ] Control unit (include Phase I Extension Plan form) EB1?
- [X] Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

- [ ] Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)
- [ ] Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

EB1?

ID# 5

40 CFR 72.9(c)(1)

- [X] Hold allowances in accordance with ~~40 CFR 72.9(c)(1)~~
- [ ] Control unit (include Phase I Extension Plan form)
- [XX] Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

- [ ] Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)
- [ ] Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

ID#

- [X] Hold allowances in accordance with 40 CFR 72.9(d)(1)
- [ ] Control unit (include Phase I Extension Plan form)
- [ ] Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

- [ ] Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)
- [ ] Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

Plant Name (from Step 1): Crist

STEP 3
Read the standard requirements and certification, enter the name of the designated representative, and sign and date

Standard Requirements

Permit Requirements.

(i) The designated representative of each affected source and each affected unit at the source shall:
(a) Submit a complete Acid Rain permit application (including a compliance plan) under this part in accordance with the deadlines specified in 40 CFR 72.30;
(b) Submit in a timely manner a complete reduced utilization plan if required under 40 CFR 72.43; and
(c) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;
(ii) The owners and operators of each affected source and each affected unit at the source shall:
(a) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and
(b) Have an Acid Rain Permit.

Monitoring Requirements.

(i) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75 and section 407 of the Act and regulations implementing section 407 of the Act.
(ii) The emissions measurements recorded and reported in accordance with 40 CFR part 75 and section 407 of the Act and regulations implementing section 407 of the Act shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
(iii) The requirements of 40 CFR part 75 and regulations implementing section 407 of the Act shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

(i) The owners and operators of each source and each affected unit at the source shall:
(a) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
(b) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
(ii) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
(iii) An affected unit shall be subject to the requirements under 40 CFR 72.9(c)(1) as follows:
(a) Starting January 1, 1995, an affected unit under 40 CFR 72.6(a)(1);
(b) Starting on or after January 1, 1995 in accordance with 40 CFR 72.41 and 72.43, an affected unit under 40 CFR 72.6(a)(2) or (3) that is a substitution or compensating unit;
(c) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2) that is not a substitution or compensating unit; or
(d) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3) that is not a substitution or compensating unit.
(iv) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
(v) An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1)(i), prior to the calendar year for which the allowance was allocated.
(vi) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
(vii) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

(i) The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
(ii) The owners and operators of an affected unit that has excess emissions in any calendar year shall:
(a) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
(b) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

(i) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority.
(a) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.
(b) All emissions monitoring information, in accordance with 40 CFR part 75.
(c) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program.

Plant Name (from Step 1) Crist

Recordkeeping and Reporting Requirements (cont.)

(d) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

(ii) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.

(i) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
(ii) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
(iii) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
(iv) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
(v) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
(vi) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.41 (substitution plans), 40 CFR 72.42 (Phase I extension plans), 40 CFR 72.43 (reduced utilization plans), 40 CFR 72.44 (Phase II repowering extension plans), and section 407 of the Act and regulations implementing section 407 of the Act, and except with regard to the requirements applicable to units with a common stack under part 75 of this chapter (including sections 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
(vii) Each violation of a provision of 40 CFR parts 72, 73, 75, 77, and 78, and regulations implementing sections 407 and 410 of the Act by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

(i) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans.
(ii) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act.
(iii) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law.
(iv) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act.
(v) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Earl B. Parsons, Jr.

Signature Earl B. Parsons Jr. Date 6/23/94

STEP 4 (optional)
Enter the source AIRS and FINDS identification numbers, if known

AIRS

FINDS

APPENDIX B

Notification of Waiver

The undersigned Designated Representative for Crist plant, 4 - 7 units, waives, with respect to the attached permit application or permit revision, any claim that EPA should or must review and approve (or disapprove) the attached proposed new plan or proposed plan revision pursuant to the terms of the January 11, 1993 rules, and requests that EPA review and approve (or disapprove) the plan based on the requirements of paragraph 1 of the Partial Settlement Agreement to be filed in Case No. 93-1203 (and consolidated cases), in the U.S. Court of Appeals for the D.C. Circuit.

This waiver is conditional on EPA's taking final action on the attached plan by the earlier of:

(1) the date that is six months after a complete submission of the plan is received by EPA, or

(2) with respect to any new or revised plan included in a permit modification to which the fast-track modification procedures under 40 C.F.R. § 72.82 apply, the date that is 30 days after the close of the public comment period on the proposed fast-track modification.

I certify that I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made.

APPROVED: Earl B. Parsons Jr.
Earl B. Parsons, Jr.
Designated Representative

DATE: 6/23/94

United States
Environmental Protection Agency
Acid Rain Program

OMB No. 2060-0221
Expires 6-30-95

Substitution Plan

Page 1

For more information, see instructions and refer to 40 CFR 72.41

This submission is: ☐ New ☒ Revised

Page 1 of 1

RECEIVED 9-8-94

STEP 1
Identify each unit by plant name, State and boiler ID# from NADB. After the boiler ID# of each substitution unit, enter the letter(s) for the Table 1 unit(s) for which the unit is substituting (see instructions)

Table 1 Units

	Plant Name	State	Boiler ID#
a	Crist	FL	7
b			
c			
d			

Substitution Units

	Plant Name	State	Boiler ID#	Table 1 Units
e	Scholz	FL	1	a
f	Scholz	FL	2	a
g	Crist	FL	4	a
h	Crist	FL	5	a
i	Lansing Smith	FL	1	a
j	Lansing Smith	FL	2	a

STEP 2
Enter baseline (see special instructions)

e	f	g	h	i RSD	j RSD
3691249 mmBtu	3826391 mmBtu	4460224 mmBtu	4395842 mmBtu	10953566 ~~10983500~~ mmBtu	12607585 ~~12607580~~ mmBtu

STEP 3 RSD
~~Enter the lesser of the 1985 actual or allowable SO_2 emissions rate from NADB. Do not round~~

e	f	g	h	i	j
4.4871 lbs/mmBtu	4.4803 lbs/mmBtu	4.4628 lbs/mmBtu	4.2650 lbs/mmBtu	1.1069 lbs/mmBtu	1.1483 lbs/mmBtu

STEP 4
Multiply Step 2 and Step 3 entries, divide by 2000, and round to the nearest ton

e	f	g	h	i	j
8282 tons	8572 tons	9953 tons	9374 tons	6079 tons	7239 tons

STEP 5
Mark one of the two options and enter date, if applicable

☐ The effective date of this plan is January 1, 199☐

☒ This plan is for conditional approval. The designated representative will notify the Agency of activation not later than 60 days before the allowance transfer deadline applicable to the first year for which the plan is to be in effect. Go to Step 7.

STEP 6
Mark one of the two options and enter date, if applicable

☐ The last date this plan will be in effect is December 31, 199☐ unless notification to terminate the plan prior to that date is given

RSD ☒ The last date of the plan is not known. The plan will be effective until December 31, 1999, unless the designated representative notifies the Agency of termination of the plan prior to that date.

Crist
Plant Name (see instructions)

STEP 7
Complete Step 8, if applicable, read the special provisions and certification, and print the name of the designated representative for each source identified in this plan. Each designated representative must sign and date

Special Provisions

Emissions Limitations.

(i) Each substitution unit governed by an approved substitution plan shall become a Phase I unit from January 1 of the year for which the plan takes effect until January 1 of the year for which the plan is no longer in effect or is terminated.
(ii) Each unit under 40 CFR 72.41(a)(1), and each substitution unit, governed by an approved substitution plan shall be subject to the Acid Rain emissions limitations for nitrogen oxides in accordance with section 407 of the Act and regulations implementing section 407 of the Act.

Liability. The owners and operators of a unit governed by an approved substitution plan shall be liable for any violation of the plan or 40 CFR 72.41 at that unit or any other unit that is the first unit's substitution unit or for which the first unit is a substitution unit under the plan, including liability for fulfilling the obligations specified in 40 CFR part 77 and section 411 of the Act.

Termination.

(i) A substitution plan shall be in effect only in Phase I for the calendar years specified in the plan or until the calendar year for which a termination of the plan takes effect, provided that no substitution plan shall be terminated, and no unit shall be de-designated as a substitution unit, before the end of Phase I if the substitution unit serves as a control unit under a Phase I extension plan.
(ii) To terminate a substitution plan for a given calendar year prior to the last year for which the plan was approved:

(a) A notification to terminate in accordance with 40 CFR 72.40(d) shall be submitted no later than 60 days before the allowance transfer deadline applicable to the given year; and
(b) In the notification to terminate, the designated representative of each unit governed by the plan shall state that he or she surrenders for deduction from the unit's Allowance Tracking System account allowances equal in number to, and with the same or an earlier compliance use date, as those allocated under 40 CFR 72.41(d)(1) for all calendar years for which the plan is to be terminated. The designated representative may identify the serial numbers of the allowances to be deducted. In the absence of such identification, allowances will be deducted on a first-in, first-out basis under 40 CFR 73.35(c)(2).

(iii) If the requirements of 40 CFR 72.41(e)(2)(ii) are met and upon revision of the permit to terminate the substitution plan, the Administrator will deduct the allowances specified in 40 CFR 72.41(e)(2)(ii)(B). No substitution plan shall be terminated, and no unit shall be de-designated as a Phase I unit, unless such deduction is made.
(iv) Change of owner or operator. If there is a change in the owners or operators (which includes for purposes of this section the designated representative) of any unit governed by an approved substitution plan and the requirement under 40 CFR 72.41(b)(1)(i) is no longer met, then the designated representatives of the units governed by the plan shall terminate the plan as of January 1 of the calendar year during which the change was made. If the designated representatives fail to terminate the plan, the Administrator, on his own motion, shall terminate the plan and deduct the allowances required to be surrendered under 40 CFR 72.41(e)(2)(ii).

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Earl B. Parsons, Jr.	
Signature Earl B. Parsons Jr.	Date 8/31/94
Name	
Signature	Date
Name	
Signature	Date
Name	
Signature	Date

orksheet for Substitution Plans

For each proposed substitution unit identified on the Substitution Plan form, please compute the values to be entered at Step 3 of the Substitution Plan form as follows (see detailed instructions on next page):

	e	f	g	h	i	j
STEP A Enter the 1989 SO_2 emissions (to 2 decimal places)	8835.53 tons	8615.35 tons	11032.66 tons	8053.21 tons	16061.47 tons	23195.85 tons
STEP B Enter the 1989 boiler total heat input	3958079.60 mmBtu	3859575.80 mmBtu	4756386.20 mmBtu	3491200.00 mmBtu	7185227.20 mmBtu	10498836.40 mmBtu
STEP C Divide Step A by Step B, multiply by 2000, and enter result (to 4 decimal places)	4.4646 lbs/mmBtu	4.4644 lbs/mmBtu	4.6391 lbs/mmBtu	4.6134 lbs/mmBtu	4.4707 lbs/mmBtu	4.4187 lbs/mmBtu
STEP D Enter the 1990 SO_2 emissions (to 2 decimal places)	7152.17 tons	6534.02 tons	9717.93 tons	9411.43 tons	16053.01 tons	17957.88 tons
STEP E Enter the 1990 boiler total heat input	3187895.40 mmBtu	2916775.40 mmBtu	4282649.80 mmBtu	4142998.40 mmBtu	7233538.40 mmBtu	8131163.40 mmBtu
STEP F Divide Step D by Step E, multiply by 2000, and enter result (to 4 decimal places)	4.4871 lbs/mmBtu	4.4803 lbs/mmBtu	4.5383 lbs/mmBtu	4.5433 lbs/mmBtu	4.4385 lbs/mmBtu	4.4171 lbs/mmBtu
STEP G Enter the most stringent SO_2 emission limit that was adopted or promulgated as of 11/15/90 and that is applicable to the unit during Phase I	6.17 lbs/mmBtu	6.17 lbs/mmBtu	5.9 lbs/mmBtu	5.9 lbs/mmBtu	6.17 lbs/mmBtu	6.17 lbs/mmBtu
STEP H Enter the lesser of the 1985 actual or allowable SO_2 emission rate from NADB	4.8053 lbs/mmBtu	4.8057 lbs/mmBtu	4.4628 lbs/mmBtu	4.2650 lbs/mmBtu	1.1069 lbs/mmBtu	1.1483 lbs/mmBtu
STEP I Enter the greater of Step C and Step F	4.4871 lbs/mmBtu	4.4803 lbs/mmBtu	4.6391 lbs/mmBtu	4.6134 lbs/mmBtu	4.4707 lbs/mmBtu	4.4187 lbs/mmBtu
STEP J Enter the lesser of Steps G, H, and I here and at Step 3 on the Substitution Plan form	4.4871 lbs/mmBtu	4.4803 lbs/mmBtu	4.4628 lbs/mmBtu	4.2650 lbs/mmBtu	1.1069 lbs/mmBtu	1.1483 lbs/mmBtu

STEP K
Read the certification, sign and date

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Earl B. Parsons, Jr.	
Signature Earl B. Parsons Jr.	Date 6/23/94
Name	
Signature	Date
Name	
Signature	Date
Name	
Signature	Date

Instructions

Steps A, B, D, and E

To the extent that there are differences between your underlying data, which you used to calculate these values, and data you have previously submitted to the Energy Information Administration (EIA), and you believe that your current underlying data is correct, you must request EIA to correct its data and submit any supporting documentation to them. Please also submit a copy of the supporting documentation with this worksheet.

Step G

Choose from all unit-specific SO_2 emission limits (including federal, state, or local limits, converted to lbs/mmBtu, where necessary) that apply to the unit, will be effective during Phase I (1995-1999), and were adopted or promulgated as of November 15, 1990.

If the most stringent of these emission limits is different for different years in Phase I, then this worksheet must be completed separately for each year in Phase I. In this case, the value at Step J for the first year of the plan is entered at Step 8 on the Substitution Plan form.

If the unit is subject to a non-unit-specific SO_2 emission limit during Phase I that was adopted or promulgated as of November 15, 1990, provide separately this limit and the statutory and regulatory authority under which the limit was adopted or promulgated.

APPENDIX B

Notification of Waiver

The undersigned Designated Representative for Crist plant, 4 - 7 units, waives, with respect to the attached permit application or permit revision, any claim that EPA should or must review and approve (or disapprove) the attached proposed new plan or proposed plan revision pursuant to the terms of the January 11, 1993 rules, and requests that EPA review and approve (or disapprove) the plan based on the requirements of paragraph 1 of the Partial Settlement Agreement to be filed in Case No. 93-1203 (and consolidated cases), in the U.S. Court of Appeals for the D.C. Circuit.

This waiver is conditional on EPA's taking final action on the attached plan by the earlier of:

(1) the date that is six months after a complete submission of the plan is received by EPA, or

(2) with respect to any new or revised plan included in a permit modification to which the fast-track modification procedures under 40 C.F.R. § 72.82 apply, the date that is 30 days after the close of the public comment period on the proposed fast-track modification.

I certify that I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made.

APPROVED: Earl B. Parsons Jr.
Earl B. Parsons, Jr.
Designated Representative

DATE: 6/23/94

0330045

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

OCT 04 1994

RECEIVED
OCT 06 1994
Bureau of
Air Regulation

4APT-AEB

Mr. Earl B. Parsons, Jr.
Designated Representative
Gulf Power Company
P.O. Box 1151
Pensacola, Florida 32520-0100

Dear Mr. Parsons:

Thank you for your recent submission of Phase I Acid Rain Permit Applications. We have reviewed the following revised and new applications and have found them to be complete:

Gulf Power Company - Plant Crist
- Plant Lansing Smith
- Plant Scholtz

We have not yet concluded the substantive review required to make a decision regarding the adequacy of your applications. There is a chance we may request clarification or additional information during this review period. We will contact you if we need such assistance.

If you have any questions during this process, please contact Scott Davis or me at (404) 347-5014. We look forward to working with you and are committed to making this program a success.

Sincerely yours,

Brian L. Beals
Chief
Source Evaluation Unit
Air Enforcement Branch
Air, Pesticides and Toxics
Management Division

cc: Thomas Cascio, Florida DEP
Dwain Waters, Gulf Power Company

Howard Rhodes
DARM

RECEIVED
APR 19 1993
FPSC-RECORDS/REPORTING

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

NOTICE OF RESCHEDULING OF HEARING

TO

GULF POWER COMPANY
OFFICE OF PUBLIC COUNSEL
FLORIDA INDUSTRIAL POWER USERS GROUP
LEGAL ENVIRONMENTAL ASSISTANCE FOUNDATION
UNITED MINE WORKERS OF AMERICA

AND

ALL OTHER INTERESTED PERSONS

DOCKET NO. 921155-EI

IN RE: PETITION FOR APPROVAL OF PLAN TO BRING GENERATING UNITS INTO COMPLIANCE WITH THE CLEAN AIR ACT BY GULF POWER COMPANY.

ISSUED: 4/13/93

NOTICE is hereby given that the Florida Public Service Commission will hold a public hearing in the above docket at the following time and place:

9:30 a.m., July 7 and 8, 1993, Wednesday and Thursday
101 East Gaines Street
Room 122 - Fletcher Building
Tallahassee, Florida 32399-0863

The hearing was previously scheduled for:

8:30 a.m., April 27 and 28, 1993, Tuesday and Wednesday
101 East Gaines Street
Room 106 - Fletcher Building
Tallahassee, Florida 32399-0863

PURPOSE AND PROCEDURE

The purpose of this hearing shall be to permit Gulf Power Company to present its testimony and exhibits in support of its petition for approval of its Clean Air Act Compliance Plan; to permit any intervenors to present testimony and exhibits concerning this matter; and for such other purposes as the Commission may deem appropriate. All witnesses shall be subject to cross-examination at the conclusion of their testimony. The proceedings will be governed by the provisions of Chapter 120, Florida Statutes, and Chapter 25-22, Florida Administrative Code.

DOCUMENT NUMBER-DATE
03989 APR 13 93
FPSC-RECORDS/REPORTING

(John B
Tom C
would be worth
one of you to attend.
Clea
4/20

Any person requiring some accommodation at this hearing, because of a physical impairment should call the Division of Records and Reporting at (904) 488-8371 at least five calendar days prior to the hearing. If you are hearing or speech impaired, please contact the Florida Public Service Commission using the Florida Relay Service, which can be reached at 1-800-955-8771 (TDD).

PREHEARING CONFERENCE

A second prehearing conference will be conducted at the following time and place:

9:30 a.m., June 30, 1993, Wednesday
101 East Gaines Street
Room 106 - Fletcher Building
Tallahassee, Florida 32399-0863

The purpose of this second prehearing conference will be to consider: (1) the simplification of the issues; (2) the identification of the positions of the parties on the issues; (3) the possibility of obtaining admissions of fact and of documents which will avoid unnecessary proof; (4) the identification of the exhibits; (5) the establishment of an order of witnesses; and (6) such other matters as may aid in the disposition of the action.

JURISDICTION

Jurisdiction over this utility is vested in the Commission by Chapter 366, Florida Statutes. Specifically, the authority for the Commission to approve a Clean Air Act Compliance Plan for a public utility is vested in Sections 366.02, 366.04, 366.05 and 366.825, Florida Statutes. This proceeding will be governed by the provisions of Chapter 120, Florida Statutes, as well as Chapters 25-6 and 25-22, Florida Administrative Code.

By DIRECTION of the Florida Public Service Commission, this 13th day of April, 1993.

STEVE TRIBBLE, Director
Division of Records and Reporting

(S E A L)
DLC:bmi

by: Kay Flynn
Chief, Bureau of Records

Florida Department of Environmental Regulation
Twin Towers Office Bldg. ● 2600 Blair Stone Road ● Tallahassee, Florida 32399-2400
Lawton Chiles, Governor
Carol M. Browner, Secretary

November 25, 1992

Kevin Taylor - EPA
404-347-5014

Mr. Brian Beals
U.S. EPA - Region IV
345 Courtland St., NE
Atlanta, GA 30308

Dear Mr. Beals:

Tom Cascio has been designated the permitting responsibilities for the Department for both Gulf Power (CRIST) and TECO (Big Bend).

Jerry Kessel will represent Hillsborough County on the TECO facility permits.

Both Tom and John Brown, Title V Coordinator, plan to attend the upcoming workshop in Atlanta regarding the permit applications.

Sincerely,

John Brown, Jr., VPE
Administrator
Air Permitting and Standards

JB/kw

cc: Syed Arif
Tom Cascio
Preston Lewis
Carla Pierce

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

December 11, 1992

ATTENDANCE

NAME	ORGANIZATION	PHONE NUMBER
Kevin Taylor	Region IV Source Evaluation Unit	404/347-5014
MIRZA BAIG	Region IV — " —	— " —
Doug Neeley	Region IV - Air Programs	404-347-2864
Wendell Reed	Region IV - Air Compliance	404/347-2904
David McNeal	Region IV - Souce Evaluation Unit	404/347-5014
Karen Kent	HQ Permits Section	202 233-9119
PATRICK Ho	Tampa Electric Company	813 228-4844
JAMIE HUNTER	TAMPA ELECTRIC Co.	813 228-4833
GARY FURMAN	TAMPA ELECTRIC Co.	(813) 228-4834
Brian Beals	EPA	404 347-5014
T. Larry Montgomery	EPA (HQ-- ARD)	202 233-9142
TOM CASCIO	FLORIDA-DER	904-488-1344
John Brown	Florida DER	904-488-1344

Gulf Power Company
500 Bayfront Parkway
Post Office Box 1151
Pensacola, FL 32520-0328
Telephone 904 444-6311
Telecopy 904 444-6705

James O. Vick
Supervisor of Environmental Affairs

Gulf Power Company
500 Bayfront Parkway
Post Office Box 1151
Pensacola FL 32520-0328
Telephone 904 444-6527 (Office)
904 932-1845 (Home)

G. Dwain Waters
Senior Environmental Affairs Specialist

"Our business is customer satisfaction"

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IV
345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

PHASE I ACID RAIN PERMIT

Issued to: Gulf Power Company-Crist Electric Generating Plant
Operated by: Gulf Power Company
Effective: January 1, 1995 to December 31, 1999

The Acid Rain Permit comprises the following:

1. The statement of basis prepared by EPA containing:

   Part A, with references to statutory and regulatory authorities, and comments, notes and justifications that apply to the source in general; and

   Part B, for each unit at this source:
   - a table of SO_2 allowances to be allocated under this permit during Phase I, and
   - comments, notes and justifications regarding permit decisions and changes made to the permit application during the review process, and any additional requirements.

2. The permit application that this source submitted, as corrected by EPA. The owners and operators of the source must comply with the standard requirements and special provisions set forth in the application.

Draft Permit Approval: _____ 7/16/93
Signature *Date*

Final Permit Approval: Winston A. Smith 9/8/93
Signature *Date*

Winston A. Smith
Director, Air, Pesticides and Toxics Management Division
U.S. Environmental Protection Agency, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365
Telephone: (404) 347-3043 Facsimile: (404) 347-5207

Plant Name: Crist Electric Generating Plant
State: Florida
ORIS Code: 0641

Statutory and Regulatory Authorities. In accordance with Title IV of the Clean Air Act Amendments of 1990, the U. S. Environmental Protection Agency issues this permit pursuant to 40 CFR part 72, subparts E and F.

Comments, notes and justifications that apply to the source in general:

Due to a typographical error on the Phase I Permit Application form, the reference on the Phase I Permit Application form at Step 2, "Hold allowances in accordance with 40 CFR 72.9(d)(1)," has been changed to "Hold allowances in accordance with 40 CFR 72.9(c)(1)."

The state designation for this page of Part A has been corrected since the issuance of the draft Phase I permit on July 16, 1993, to reflected that the facility is located in Florida.

KEVIN I. TAYLOR		9/2/93
Permit Reviewer	*Signature*	*Date*
BEVERLY A. SPAGG		9/2/93
Regional Manager	*Signature*	*Date*

Plant Name: Crist Electric Generating Plant
State: Florida
ORIS Code: 0641
Boiler ID#: 0006

Phase I SO_2 Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 *40 CFR 73.10*	18,695	18,695	18,695	18,695	18,695
Phase I Extension *40 CFR 72.42*	*6,570	*6,570	0	0	0
Substitution *40 CFR 72.41*	N/A	N/A	N/A	N/A	N/A
Reduced Utilization *40 CFR 72.43*	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Pursuant to 40 CFR 72.42 and the ranking of Phase I Extension Early Ranking applications determined by lottery on March 31, 1993, the Phase I Extension plan for Indianapolis Power and Light Company-Petersburg, naming this unit as a transfer unit, has not been approved. It was not approved because unallocated allowances did not remain in the Phase I Extension reserve at the time EPA acted on this plan.

* If Phase I Extension reserve allowances become available in the future, this application is eligible to receive the allocations specified above by administrative amendment to this permit if the Phase I Extension plan continues to meet the requirements of 40 CFR 72.42. Pursuant to 40 CFR 72.42 and the attached Phase I Extension Early Ranking application forms, this unit would have an Acid Rain emissions reduction requirement limiting SO_2 emissions to a maximum of 33,194 tons per year for 1997, 1998, and 1999. Corrections were made to the Phase I Extension application at steps 8, 36, and 39 pursuant to a letter from the designated representative, dated March 30, 1993. The corrections did not affect the number of allowances for which this unit would be eligible. (Continued on page 4)

KEVIN I. TAYLOR — *Permit Reviewer* — *Signature* — 5/20/93 *Date*

BEVERLY A. SPAGG — *Regional Manager* — *Signature* — 5/25/93 *Date*

Plant Name: Crist Electric Generating Plant
State: Florida
ORIS Code: 0641
Boiler ID#: 0006

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

* If Phase I Extension allowances became available for this unit prior to January 1, 1995, this unit will also receive an extension of the deadline for compliance with regulations implementing Section 407 of the Clean Air Act (nitrogen oxides).

KEVIN I. TAYLOR		5/20/93
Permit Reviewer	*Signature*	*Date*
BEVERLY A. SPAGG		5/25/93
Regional Manager	*Signature*	*Date*

Plant Name: Crist Electric Generating Plant
State: Florida
ORIS Code: 0641
Boiler ID#: 0007

Phase I SO_2 Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 *40 CFR 73.10*	30,846	30,846	30,846	30,846	30,846
Phase I Extension *40 CFR 72.42*	19,857	19,857	0	0	0
Substitution *40 CFR 72.41*	N/A	N/A	N/A	N/A	N/A
Reduced Utilization *40 CFR 72.43*	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Pursuant to 40 CFR 72.42 and the ranking of Phase I Extension Early Ranking applications determined by lottery on March 31, 1993, the Phase I Extension plan for Virginia Electric & Power Company-Mount Storm, naming this unit as a transfer unit, has been approved. Pursuant to 40 CFR 72.42 and the attached Phase I Extension Early Ranking application forms, this unit has an Acid Rain emissions reduction requirement limiting SO_2 emissions to a maximum of 48,702 tons per year for 1997, 1998, and 1999. The Phase I Extension Early Ranking forms were modified to correct rounding errors at steps 35, 38, and 41 pursuant to a letter from the designated representative, dated March 11, 1993. This unit has also been granted an extension, until January 1, 1997, of the deadline for compliance with regulations implementing Section 407 of the Clean Air Act (nitrogen oxides).

KEVIN I. TAYLOR — *Permit Reviewer* — *Signature* — *Date* 5/20/93

BEVERLY A. SPAGG — *Regional Manager* — *Signature* — *Date* 5/25/93

BEST AVAILABLE COPY

United States
Environmental Protection Agency
Acid Rain Program

OMB No. 2060-0221
Expires 6-30-95

Phase I Permit Application

For more information, see instructions and refer to 40 CFR 72.30 and 72.31

This submission is: [X] New [ ] Revised

Page [ ] of [ ]

RECEIVED 2-17-92

STEP 1
Identify the source by plant name, State, and ORIS code from NADB

Plant Name	State	ORIS Code
Crist Electric Generating Plant	FL	641

COMPLIANCE PLAN

STEP 2
Specify a compliance plan for this source by identifying each Table 1 and non-Table 1 unit at this source that is subject to Acid Rain Program emissions limitations during Phase I. Identify each unit by boiler ID# from NADB, and mark one or more boxes if you wish to identify additional methods of compliance for each unit

Table 1 Units

EBPG

ID# 6

40 CFR 72.9 (c) (1)

[X] Hold allowances in accordance with xxxxxxxxxxxx

[ ] Substitution plan (include Substitution Plan form)

[ ] Reduced utilization plan (include Reduced Utilization Plan form)

[x] Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State
Petersburg	IN

ID# 7

40 CFR 72.9 (c) (1)

[X] Hold allowances in accordance with xxxxxxxxxxxx

EBPG

[ ] Substitution plan (include Substitution Plan form)

[ ] Reduced utilization plan (include Reduced Utilization Plan form)

[x] Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State
Mount Storm	WV

ID#

[X] Hold allowances in accordance with 40 CFR 72.9(d)(1)

[ ] Substitution plan (include Substitution Plan form)

[ ] Reduced utilization plan (include Reduced Utilization Plan form)

[ ] Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State

ID#

[X] Hold allowances in accordance with 40 CFR 72.9(d)(1)

[ ] Substitution plan (include Substitution Plan form)

[ ] Reduced utilization plan (include Reduced Utilization Plan form)

[ ] Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State

Plant Name (from Step 1)

Non-Table 1 Units

ID#

[X] Hold allowances in accordance with 40 CFR 72.9(d)(1)

[ ] Control unit (include Phase I Extension Plan form)

[ ] Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

[ ] Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)

[ ] Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

ID#

[X] Hold allowances in accordance with 40 CFR 72.9(d)(1)

[ ] Control unit (include Phase I Extension Plan form)

[ ] Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

[ ] Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)

[ ] Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

ID#

[X] Hold allowances in accordance with 40 CFR 72.9(d)(1)

[ ] Control unit (include Phase I Extension Plan form)

[ ] Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

[ ] Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)

[ ] Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s)).

Plant Name	State
Plant Name	State

Crist Electric Generating Plant
Plant Name (from Step 1)

STEP 3
Read the standard requirements and certification, enter the name of the designated representative, and sign and date

Standard Requirements

Permit Requirements.

(i) The designated representative of each affected source and each affected unit at the source shall:
(a) Submit a complete Acid Rain permit application (including a compliance plan) under this part in accordance with the deadlines specified in 40 CFR 72.30;
(b) Submit in a timely manner a complete reduced utilization plan if required under 40 CFR 72.43; and
(c) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;
(ii) The owners and operators of each affected source and each affected unit at the source shall:
(a) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and
(b) Have an Acid Rain Permit.

Monitoring Requirements.

(i) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75 and section 407 of the Act and regulations implementing section 407 of the Act.
(ii) The emissions measurements recorded and reported in accordance with 40 CFR part 75 and section 407 of the Act and regulations implementing section 407 of the Act shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
(iii) The requirements of 40 CFR part 75 and regulations implementing section 407 of the Act shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

(i) The owners and operators of each source and each affected unit at the source shall:
(a) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
(b) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
(ii) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
(iii) An affected unit shall be subject to the requirements under 40 CFR 72.9(c)(1) as follows:
(a) Starting January 1, 1995, an affected unit under 40 CFR 72.6(a)(1);
(b) Starting on or after January 1, 1995 in accordance with 40 CFR 72.41 and 72.43, an affected unit under 40 CFR 72.6(a)(2) or (3) that is a substitution or compensating unit;
(c) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2) that is not a substitution or compensating unit; or
(d) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3) that is not a substitution or compensating unit.
(iv) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
(v) An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1)(i), prior to the calendar year for which the allowance was allocated.
(vi) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
(vii) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

(i) The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
(ii) The owners and operators of an affected unit that has excess emissions in any calendar year shall:
(a) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
(b) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

(i) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority.
(a) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.
(b) All emissions monitoring information, in accordance with 40 CFR part 75.
(c) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program.

Crist Electric Generating Plant
Plant Name (from Step 1)

Recordkeeping and Reporting Requirements (cont.)

(d) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

(ii) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.

(i) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
(ii) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
(iii) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
(iv) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
(v) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
(vi) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.41 (substitution plans), 40 CFR 72.42 (Phase I extension plans), 40 CFR 72.43 (reduced utilization plans), 40 CFR 72.44 (Phase II repowering extension plans), and section 407 of the Act and regulations implementing section 407 of the Act, and except with regard to the requirements applicable to units with a common stack under part 75 of this chapter (including sections 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
(vii) Each violation of a provision of 40 CFR parts 72, 73, 75, 77, and 78, and regulations implementing sections 407 and 410 of the Act by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

(i) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans.
(ii) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act.
(iii) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law.
(iv) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act.
(v) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name: Earl B. Parsons, Jr.	
Signature: Earl B. Parsons Jr.	Date: 2/10/93

STEP 4 (optional)
Enter the source AIRS and FINDS identification numbers, if known

AIRS
FINDS

United States
Environmental Protection Agency
Acid Rain Program

OMB No. 2060-0221
Expires 6-30-95

EPA

Phase I Extension Early Ranking

received
2/16/93 RLN

For more information, see instructions and refer to 40 CFR 72.42

This submission is: [X] New [ ] Revised

STEP 1
Identify the control units' source by plant name and State from NADB

Plant Name	Stete
PETERSBURG	IN

STEP 2
Identify each control unit by boiler ID# from NADB. For Type, enter T1 for Table 1 unit, S for substitution unit or C for compensating unit. Enter date when qualifying Phase I technology will commence operation

Control Units

	Boiler ID#	Type	Commence Operation Date
a	1	T1	January 1, 1996
b	2	T1	January 1, 1996
c			

STEP 3
Mark one of the first two boxes and the third box to indicate that the required documents are included

[ ] A copy of the executed contract or contracts for the design engineering and construction of qualifying Phase I technology at each control unit is included.

OR

[X] A binding letter of agreement for each executed contract for the design engineering and construction of qualifying Phase I technology at each control unit is included, in accordance with 40 CFR 72.42(c)(11). The actual contracts are on file and will be submitted to the Administrator upon written request.

[X] A vendor certification of the sulfur dioxide removal efficiency guaranteed to be achievable by the qualifying Phase I technology for the type and range of fossil fuels (before any treatment prior to combustion) that will be used at the control unit is included. The vendor certification shall not be a defense against a control unit's failure to achieve 90% control of sulfur dioxide.

STEP 4
Identify each transfer unit by plant name, State, and boiler ID# from NADB

Transfer Units

	Plant Name	State	Boiler ID#
d	Elmer W. Stout	IN	50
e	Elmer W. Stout	IN	70
f	H. T. Pritchard	IN	6
g	Jack Watson	MS	4
h	Jack Watson	MS	5
i	Crist	FL	6
j			
k			
l			

Plant Name (from Step 1) Petersburg

STEP 5
Complete Steps 6 through 46. Read the special provisions and certification, and print the name of the designated representative for each source identified in this plan. Each designated representative must sign and date

Special Provisions

Sulfur Dioxide Emissions Limitations.

(i) If a control or transfer unit governed by an approved Phase I extension plan emits in 1997, 1998, or 1999 sulfur dioxide in excess of the projected controlled emissions for the unit specified for the year under 40 CFR 72.42(c)(7) as adjusted under 40 CFR 72.42(d) and by the Administrator in approving the Phase I extension plan, the Administrator will deduct allowances equal to such exceedence from the unit's annual allowance allocation in the following calendar year.
(ii) Failure to demonstrate at least a 90% reduction of sulfur dioxide in 1997, 1998, or 1999 in accordance with 40 CFR part 75 at a control unit governed by an approved Phase I extension plan shall be a violation of 40 CFR 72.42. In the event of any such violation, in addition to any other liability under the Act, the Administrator will deduct allowances from the control unit's compliance subaccount for the year of the violation. The deduction will be calculated in accordance with 40 CFR 72.42(f)(1)(i)(B).

Nitrogen Oxides Emissions Limitations.

(i) Beginning on January 1, 1997, each control and transfer unit shall be subject to the Acid Rain emissions limitations for nitrogen oxides.
(ii) Notwithstanding 40 CFR 72.42(f)(1)(ii)(A), a transfer unit shall be subject to the Acid Rain emissions limitations for nitrogen oxides, under section 407 of the Act and regulations implementing section 407 of the Act, beginning on January 1 of any year for which a transfer unit is allocated fewer Phase I extension reserve allowances than the maximum amount that the designated representative could have requested in accordance with 40 CFR 72.42(c)(5) (as adjusted under paragraph 40 CFR 72.42(d) and by the Administrator in approving the Phase I extension plan) unless the transfer unit is the last unit allocated Phase I extension reserve allowances under the plan.

Monitoring Requirements. Each control unit shall comply with the special monitoring requirements for Phase I extension plans in accordance with 40 CFR part 75.

Reporting Requirements. Each control and transfer unit shall comply with the special reporting requirements for Phase I extension plans in accordance with 40 CFR 72.93.

Liability. The owners and operators of a control or transfer unit governed by an approved Phase I extension plan shall be liable for any violation of the plan or 40 CFR 72.42 at that or any other unit governed by the plan, including liability for fulfilling the obligations specified in 40 CFR part 77 and section 411 of the Act.

Termination. A Phase I extension plan shall be in effect only in Phase I, and no Phase I extension plan shall be terminated before the end of Phase I. The designated representative may, however, withdraw a Phase I extension plan at any time prior to issuance of the Phase I Acid Rain permit that includes the Phase I extension plan, as adjusted.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Robert A. McKnight - Designated Representative	
Signature Robert A McKnight	Date 2/10/93
Name ROBERT G. DAWSON - Designated Representative MISSISSIPPI POWER COMPANY	
Signature Robert G Dawson	Date 2/10/93
Name Earl B. Parsons, Jr.	
Signature Earl B. Parsons Jr.	Date 2/10/93
Name	
Signature	Date

Plant Name (from Step 1): Petersburg

ANNUAL AVERAGE TONS OF SO_2 FOR 1988 AND 1989

	Control Units			Transfer Units		
	a	b	c	D	E	F
STEP 6 Identify transfer units. Enter total 1988 SO_2 emissions for control and transfer units	25125 tons	38263 tons	tons	4300 tons	32517 tons	11373 tons
STEP 7 Enter total 1989 SO_2 emissions for each unit	25194 tons	40672 tons	tons	4607 tons	32221 tons	9234 tons
STEP 8 Add Step 6 entry to Step 7 entry, divide by 2 and enter result	25160 tons	39468 tons	tons	4454 tons	32369 tons	10304 ~~10303~~ tons

KK 3/30/93 see fax.

PROJECTED SO_2 EMISSIONS 1995

STEP 9 Enter projected utilization for 1995 rounded to the nearest mmBtu	16,861,633 mmBtu	29,082,887 mmBtu	mmBtu	4,729,565 mmBtu	21,079,130 mmBtu	5,356,667 mmBtu
STEP 10 Enter projected uncontrolled SO_2 emission rate for 1995 to 4 decimal places	3.8700 lbs/mmBtu	3.8700 lbs/mmBtu	lbs/mmBtu	3.4600 lbs/mmBtu	3.4600 lbs/mmBtu	2.5700 lbs/mmBtu
STEP 11 Multiply Step 9 entry by Step 10 entry, divide by 2000 and enter result	32627 tons	56275 tons	tons	8182 tons	36467 tons	6883 tons

PROJECTED SO_2 EMISSIONS 1996

STEP 12 Enter projected utilization for 1996 rounded to the nearest mmBtu	16,861,633 mmBtu	29,082,857 mmBtu	mmBtu	4,729,565 mmBtu	21,079,130 mmBtu	5,356,667 mmBtu
STEP 13 Enter projected uncontrolled SO_2 emission rate for 1996 to 4 decimal places	3.8700 lbs/mmBtu	3.8700 lbs/mmBtu	lbs/mmBtu	3.4600 lbs/mmBtu	3.4600 lbs/mmBtu	2.5700 lbs/mmBtu
STEP 14 Multiply Step 12 entry by Step 13 entry, divide by 2000, round to the nearest ton, and enter result	32627 tons	56275 tons	tons	8182 tons	36467 tons	6883 tons

Plant Name (from Step 1): Petersburg

RESERVE ALLOWANCE CALCULATIONS

	Control Units			Transfer Units		
	a	b	c	D	E	F
STEP 15 Enter baseline (see special instructions)	13,147,690 mmBtu	25,906,160 mmBtu	mmBtu	3,107,209 mmBtu	18,885,930 mmBtu	4,614,221 mmBtu
STEP 16 Multiply Step 15 entry by 2.5, divide by 2000, round to the nearest ton, and enter result	16435 tons	32383 tons	tons	3884 tons	23607 tons	5768 tons

ALLOWANCES AVAILABLE FOR 1995

STEP 17 Subtract Step 16 entry from lesser of Step 8 or Step 11 entry and enter result	8725 allowances	7085 allowances	allowances	570 allowances	8762 allowances	1115 allowances

TRANSFER CAPACITY CHECK FOR 1995

STEP 18 (Control Units Only) For Table 1 units, enter allowance allocation from Table 1. For non-Table 1 units, enter allocation from the substitution or reduced utilization plan	18498 allowances	36455 allowances	allowances
STEP 19 Multiply value at Step 11 by .1, round to the nearest ton, and enter result	3263 tons	5628 tons	tons
STEP 20 Subtract Step 19 entry from Step 18 entry and enter result	15235 allowances	30827 allowances	allowances

STEP 21
Enter total of all Step 20 entries: 46062 allowances

STEP 22
Enter total of all transfer unit entries in Step 17, including entries on copies, if any: 59607 allowances

ALLOWANCES REQUESTED FOR 1995

STEP 23
If Step 22 entry equals Step 21 entry, you may request the number of reserve allowances calculated for each transfer unit at Step 17. Enter those numbers here and on copies, if any. If Step 22 entry is greater than or less than Step 21 entry, adjust requested allowances as provided in the special instructions.

570 allowances	8762 allowances	1115 allowances

STEP 24
Add entries at Step 17 columns (a), (b), and (c) only and Step 23, including entries on copies, if any

TOTAL: 61872 allowances

Plant Name (from Step 1): Petersburg

ANNUAL AVERAGE TONS OF SO_2 FOR 1988 AND 1989

	Control Units			Transfer Units		
	a	b	c	G	H	I
STEP 6 Identify transfer units. Enter total 1988 SO_2 emissions for control and transfer units	tons	tons	tons	30444 tons	58796 tons	39985 tons
STEP 7 Enter total 1989 SO_2 emissions for each unit	tons	tons	tons	31973 tons	46093 tons	38653 tons
STEP 8 Add Step 6 entry to Step 7 entry, divide by 2 and enter result	tons	tons	tons	31209 tons	52445 tons	39319 tons

PROJECTED SO_2 EMISSIONS 1995

STEP 9 Enter projected utilization for 1995 rounded to the nearest mmBtu	mmBtu	mmBtu	mmBtu	17,088,116 mmBtu	31,219,775 mmBtu	22,374,363 mmBtu
STEP 10 Enter projected uncontrolled SO_2 emission rate for 1995 to 4 decimal places	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	3.8425 lbs/mmBtu	3.8425 lbs/mmBtu	4.6750 lbs/mmBtu
STEP 11 Multiply Step 9 entry by Step 10 entry, divide by 2000 and enter result	tons	tons	tons	32831 tons	59981 tons	52300 tons

PROJECTED SO_2 EMISSIONS 1996

STEP 12 Enter projected utilization for 1996 rounded to the nearest mmBtu	mmBtu	mmBtu	mmBtu	17,088,116 mmBtu	31,219,775 mmBtu	22,374,363 mmBtu
STEP 13 Enter projected uncontrolled SO_2 emission rate for 1996 to 4 decimal places	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	3.8425 lbs/mmBtu	3.8425 lbs/mmBtu	4.6750 lbs/mmBtu
STEP 14 Multiply Step 12 entry by Step 13 entry, divide by 2000, round to the nearest ton, and enter result	tons	tons	tons	32831 tons	59981 tons	52300 tons

Plant Name (from Step 1): Petersburg

RESERVE ALLOWANCE CALCULATIONS

	Control Units			Transfer Units		
	a	b	c	G	H	I
STEP 15 Enter baseline (see special instructions)	mmBtu	mmBtu	mmBtu	14,329,813 mmBtu	29,357,704 mmBtu	15,362,937 mmBtu
STEP 16 Multiply Step 15 entry by 2.5, divide by 2000, round to the nearest ton, and enter result	tons	tons	tons	17912 tons	36697 tons	19204 tons

ALLOWANCES AVAILABLE FOR 1995

STEP 17 Subtract Step 16 entry from lesser of Step 8 or Step 11 entry and enter result	allowances	allowances	allowances	13297 allowances	15748 allowances	20115 allowances

TRANSFER CAPACITY CHECK FOR 1995

STEP 18 (Control Units Only) For Table 1 units, enter allowance allocation from Table 1. For non-Table 1 units, enter allocation from the substitution or reduced utilization plan	allowances	allowances	allowances
STEP 19 Multiply value at Step 11 by .1, round to the nearest ton, and enter result	tons	tons	tons
STEP 20 Subtract Step 19 entry from Step 18 entry and enter result	allowances	allowances	allowances

STEP 21
Enter total of all Step 20 entries: allowances

STEP 22
Enter total of all transfer unit entries in Step 17, including entries on copies, if any: allowances

ALLOWANCES REQUESTED FOR 1995

STEP 23
If Step 22 entry equals Step 21 entry, you may request the number of reserve allowances calculated for each transfer unit at Step 17. Enter those numbers here and on copies, if any. If Step 22 entry is greater than or less than Step 21 entry, adjust requested allowances as provided in the special instructions.

13297 allowances	15748 allowances	6570 allowances

STEP 24
Add entries at Step 17 columns (a), (b), and (c) only and Step 23, including entries on copies, if any

TOTAL: allowances

Plant Name (from Step 1): Petersburg

ALLOWANCES AVAILABLE FOR 1996

	Control Units			Transfer Units		
	a	b	c	D	E	F
STEP 25 Subtract Step 16 entry from lesser of Step 8 or Step 14 entry and enter result	8725 allowances	7085 allowances	allowances	570 allowances	8762 allowances	1115 allowances

TRANSFER CAPACITY CHECK FOR 1996

STEP 26 (For Control Units Only) For Table 1 units, enter allowance allocation from Table 1. For non-Table 1 units, enter allocation from the substitution or reduced utilization plan	18498 allowances	36455 allowances	allowances
STEP 27 Multiply value at Step 14 by .1, round to the nearest ton, and enter result	3263 tons	5628 tons	tons
STEP 28 Subtract Step 27 entry from Step 26 entry and enter result	15235 allowances	30827 allowances	allowances

STEP 29
Enter total of all Step 28 entries: 46062 allowances

STEP 30
Enter total of all transfer unit entries in Step 25, including entries on copies, if any: 59607 allowances

ALLOWANCES REQUESTED FOR 1996

STEP 31
If Step 30 entry equals Step 29 entry, you may request the number of reserve allowances calculated for each transfer unit at Step 25. Enter those numbers here and on copies, if any. If Step 30 entry is greater than or less than Step 29 entry, adjust requested allowances as provided in the special instructions.

D	E	F
570 allowances	8762 allowances	1115 allowances

STEP 32
Add entries at Step 25 columns (a), (b), and (c) only and Step 31, including entries on copies, if any

TOTAL: 61872 allowances

PROJECTED SO_2 EMISSIONS 1997

STEP 33 Enter projected utilization for 1997 rounded to the nearest mmBtu	16,625,000 mmBtu	28,591,000 mmBtu	mmBtu	5,115,000 mmBtu	22,097,000 mmBtu	5,417,000 mmBtu
STEP 34 Enter projected SO_2 emissions rate for 1997 – to 4 decimal places	0.2450 lbs/mmBtu	0.2450 lbs/mmBtu	lbs/mmBtu	3.4700 lbs/mmBtu	3.4700 lbs/mmBtu	2.5700 lbs/mmBtu
STEP 35 Multiply Step 33 entry by Step 34 entry, divide by 2000, round to the nearest ton, and enter result	2037 tons	3502 tons	tons	8875 tons	38338 tons	6961 tons

NOTE – The entries at Step 35 are your enforceable limit for 1997

Petersburg
Plant Name (from Step 1)

PROJECTED SO_2 EMISSIONS 1998

	Control Units a	Control Units b	Control Units c	Transfer Units D	Transfer Units E	Transfer Units F
STEP 36 Enter projected utilization for 1998 rounded to the nearest mmBtu	16,625,000 mmBtu	28,591,000 mmBtu	mmBtu	5,115,000 mmBtu	22,097,040 mmBtu	~~5,419,000~~ 5,417,000 mmBtu
STEP 37 Enter projected SO_2 emission rate for 1998 to 4 decimal places	0.2450 lbs/mmBtu	0.2450 lbs/mmBtu	lbs/mmBtu	3.4700 lbs/mmBtu	3.4700 lbs/mmBtu	2.5700 lbs/mmBtu
STEP 38 Multiply Step 36 entry by Step 37 entry, divide by 2000, round to the nearest ton, and enter result	2037 tons	3502 tons	tons	8875 tons	38338 tons	6961 tons

KK 3/30/93 see fax

NOTE – The entries at Step 38 are your enforceable limit for 1998

PROJECTED SO_2 EMISSIONS 1999

STEP 39 Enter projected utilization for 1999 rounded to the nearest mmBtu	16,625,000 mmBtu	28,591,000 mmBtu	mmBtu	5,115,000 mmBtu	22,097,000 mmBtu	~~5,419,000~~ mmBtu
STEP 40 Enter projected SO_2 emission rate for 1999 to 4 decimal places	0.2450 lbs/mmBtu	0.2450 lbs/mmBtu	lbs/mmBtu	3.4700 lbs/mmBtu	3.4700 lbs/mmBtu	2.5700 lbs/mmBtu
STEP 41 Multiply Step 39 entry by Step 40 entry, divide by 2000, round to the nearest ton, and enter result	2037 tons	3502 tons	tons	8875 tons	38338 tons	6961 tons

KK 3/30/93 5,417,000 see fax

NOTE – The entries at Step 41 are your enforceable limit for 1999

RESERVE ALLOWANCE CALCULATION 1997, 1998, AND 1999

				TOTAL
STEP 42 For control units only, multiply baseline entered at Step 15 by 1.2, then divide by 2000	7889 tons	15544 tons	tons	
STEP 43 (1997) Subtract Step 35 entry from Step 42 entry, round to the nearest ton, then total the entries	5852 allowances	12041 allowances	allowances	17893 allowances
STEP 44 (1998) Subtract Step 38 entry from Step 42 entry, round to the nearest ton, then total the entries	5852 allowances	12041 allowances	allowances	17893 allowances
STEP 45 (1999) Subtract Step 41 entry from Step 42 entry, round to the nearest ton, then total the entries	5852 allowances	12041 allowances	allowances	17893 allowances

TOTAL RESERVE ALLOWANCES

STEP 46 Add together totals at Steps 24, 32, 43, 44, and 45, and enter result	177,423 allowances

Plant Name (from Step 1): Petersburg

ALLOWANCES AVAILABLE FOR 1996

	Control Units			Transfer Units		
	a	b	c	G	H	I
STEP 25 Subtract Step 16 entry from lesser of Step 8 or Step 14 entry and enter result	allowances	allowances	allowances	13297 allowances	15748 allowances	20,115 allowances

TRANSFER CAPACITY CHECK FOR 1996

STEP 26 (For Control Units Only) For Table 1 units, enter allowance allocation from Table 1. For non-Table 1 units, enter allocation from the substitution or reduced utilization plan	allowances	allowances	allowances
STEP 27 Multiply value at Step 14 by .1, round to the nearest ton, and enter result	tons	tons	tons
STEP 28 Subtract Step 27 entry from Step 26 entry and enter result	allowances	allowances	allowances

STEP 29
Enter total of all Step 28 entries: allowances

STEP 30
Enter total of all transfer unit entries in Step 25, including entries on copies, if any: allowances

ALLOWANCES REQUESTED FOR 1996

STEP 31
If Step 30 entry equals Step 29 entry, you may request the number of reserve allowances calculated for each transfer unit at Step 25. Enter those numbers here and on copies, if any. If Step 30 entry is greater than or less than Step 29 entry, adjust requested allowances as provided in the special instructions.

13297 allowances	15748 allowances	6570 allowances

STEP 32
Add entries at Step 25 columns (a), (b), and (c) only and Step 31, including entries on copies, if any

TOTAL: allowances

PROJECTED SO_2 EMISSIONS 1997

STEP 33 Enter projected utilization for 1997 rounded to the nearest mmBtu	mmBtu	mmBtu	mmBtu	12,173,891 mmBtu	23,617,006 mmBtu	14,200,501 mmBtu
STEP 34 Enter projected SO_2 emissions rate for 1997 to 4 decimal places	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	3.8425 lbs/mmBtu	3.8425 lbs/mmBtu	4.6750 lbs/mmBtu
STEP 35 Multiply Step 33 entry by Step 34 entry, divide by 2000, round to the nearest ton, and enter result	tons	tons	tons	23389 tons	45374 tons	33194 tons

NOTE -- The entries at Step 35 are your enforceable limit for 1997

Plant Name (from Step 1): Petersburg

PROJECTED SO_2 EMISSIONS 1998

	Control Units a	Control Units b	Control Units c	Transfer Units G	Transfer Units H	Transfer Units I
STEP 36 Enter projected utilization for 1998 rounded to the nearest mmBtu	mmBtu	mmBtu	mmBtu	12,173,891 mmBtu	23,617,006 mmBtu	14,200,501 mmBtu
STEP 37 Enter projected SO_2 emission rate for 1998 to 4 decimal places	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	3.8425 lbs/mmBtu	3.8425 lbs/mmBtu	4.6750 lbs/mmBtu
STEP 38 Multiply Step 36 entry by Step 37 entry, divide by 2000, round to the nearest ton, and enter result	tons	tons	tons	23389 tons	45374 tons	33194 tons

NOTE -- The entries at Step 38 are your enforceable limit for 1998

PROJECTED SO_2 EMISSIONS 1999

STEP 39 Enter projected utilization for 1999 rounded to the nearest mmBtu	mmBtu	mmBtu	mmBtu	12,173,891 mmBtu	23,617,006 mmBtu	14,200,501 mmBtu
STEP 40 Enter projected SO_2 emission rate for 1999 to 4 decimal places	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	3.8425 lbs/mmBtu	3.8425 lbs/mmBtu	4.6750 lbs/mmBtu
STEP 41 Multiply Step 39 entry by Step 40 entry, divide by 2000, round to the nearest ton, and enter result	tons	tons	tons	23389 tons	45374 tons	33194 tons

NOTE -- The entries at Step 41 are your enforceable limit for 1999

RESERVE ALLOWANCE CALCULATION 1997, 1998, AND 1999

				TOTAL
STEP 42 For control units only, multiply baseline entered at Step 15 by 1.2, then divide by 2000	tons	tons	tons	
STEP 43 (1997) Subtract Step 35 entry from Step 42 entry, round to the nearest ton, then total the entries	allowances	allowances	allowances	allowances
STEP 44 (1998) Subtract Step 38 entry from Step 42 entry, round to the nearest ton, then total the entries	allowances	allowances	allowances	allowances
STEP 45 (1999) Subtract Step 41 entry from Step 42 entry, round to the nearest ton, then total the entries	allowances	allowances	allowances	allowances

TOTAL RESERVE ALLOWANCES

STEP 46
Add together totals at Steps 24, 32, 43, 44, and 45, and enter result: allowances

United States
Environmental Protection Agency
Acid Rain Program

OMB No. 2060-0221
Expires 6-30-95

Phase I Extension Early Ranking

received
2/16/93 RLM

For more information, see instructions and refer to 40 CFR 72.42

This submission is: [X] New [ ] Revised

STEP 1
Identify the control units' source by plant name and State from NADB

Plant Name	State
Mt. Storm	WV

STEP 2
Identify each control unit by boiler ID# from NADB. For Type, enter T1 for Table 1 unit, S for substitution unit or C for compensating unit. Enter date when qualifying Phase I technology will commence operation

Control Units

	Boiler ID#	Type	Commence Operation Date
a	3	T1	November 1, 1994
b			
c			

STEP 3
Mark one of the first two boxes and the third box to indicate that the required documents are included

[X] A copy of the executed contract or contracts for the design engineering and construction of qualifying Phase I technology at each control unit is included.

OR

[ ] A binding letter of agreement for each executed contract for the design engineering and construction of qualifying Phase I technology at each control unit is included, in accordance with 40 CFR 72.42(c)(11). The actual contracts are on file and will be submitted to the Administrator upon written request.

[X] A vendor certification of the sulfur dioxide removal efficiency guaranteed to be achievable by the qualifying Phase I technology for the type and range of fossil fuels (before any treatment prior to combustion) that will be used at the control unit is included. The vendor certification shall not be a defense against a control unit's failure to achieve 90% control of sulfur dioxide.

STEP 4
Identify each transfer unit by plant name, State, and boiler ID# from NADB

Transfer Units

	Plant Name	State	Boiler ID#
d	Mt. Storm	WV	1
e	Mt. Storm	WV	2
f	Crist	FL	7
g			
h			
i			
j			
k			
l			

Plant Name (from Step 1): Mt. Storm

STEP 5
Complete Steps 6 through 46. Read the special provisions and certification, and print the name of the designated representative for each source identified in this plan. Each designated representative must sign and date

Special Provisions

Sulfur Dioxide Emissions Limitations.

(i) If a control or transfer unit governed by an approved Phase I extension plan emits in 1997, 1998, or 1999 sulfur dioxide in excess of the projected controlled emissions for the unit specified for the year under 40 CFR 72.42(c)(7) as adjusted under 40 CFR 72.42(d) and by the Administrator in approving the Phase I extension plan, the Administrator will deduct allowances equal to such exceedence from the unit's annual allowance allocation in the following calendar year.
(ii) Failure to demonstrate at least a 90% reduction of sulfur dioxide in 1997, 1998, or 1999 in accordance with 40 CFR part 75 at a control unit governed by an approved Phase I extension plan shall be a violation of 40 CFR 72.42. In the event of any such violation, in addition to any other liability under the Act, the Administrator will deduct allowances from the control unit's compliance subaccount for the year of the violation. The deduction will be calculated in accordance with 40 CFR 72.42(f)(1)(i)(B).

Nitrogen Oxides Emissions Limitations.

(i) Beginning on January 1, 1997, each control and transfer unit shall be subject to the Acid Rain emissions limitations for nitrogen oxides.
(ii) Notwithstanding 40 CFR 72.42(f)(1)(ii)(A), a transfer unit shall be subject to the Acid Rain emissions limitations for nitrogen oxides, under section 407 of the Act and regulations implementing section 407 of the Act, beginning on January 1 of any year for which a transfer unit is allocated fewer Phase I extension reserve allowances than the maximum amount that the designated representative could have requested in accordance with 40 CFR 72.42(c)(5) (as adjusted under paragraph 40 CFR 72.42(d) and by the Administrator in approving the Phase I extension plan) unless the transfer unit is the last unit allocated Phase I extension reserve allowances under the plan.

Monitoring Requirements. Each control unit shall comply with the special monitoring requirements for Phase I extension plans in accordance with 40 CFR part 75.

Reporting Requirements. Each control and transfer unit shall comply with the special reporting requirements for Phase I extension plans in accordance with 40 CFR 72.93.

Liability. The owners and operators of a control or transfer unit governed by an approved Phase I extension plan shall be liable for any violation of the plan or 40 CFR 72.42 at that or any other unit governed by the plan, including liability for fulfilling the obligations specified in 40 CFR part 77 and section 411 of the Act.

Termination. A Phase I extension plan shall be in effect only in Phase I, and no Phase I extension plan shall be terminated before the end of Phase I. The designated representative may, however, withdraw a Phase I extension plan at any time prior to issuance of the Phase I Acid Rain permit that includes the Phase I extension plan, as adjusted.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name: John A. Ahladas	
Signature: John A. Ahladas	Date: 2/8/93
Name: Earl B. Parsons, Jr.	
Signature: Earl B. Parsons Jr.	Date: 2/10/93
Name:	
Signature:	Date:
Name:	
Signature:	Date:

Plant Name (from Step 1): Mt. Storm

ANNUAL AVERAGE TONS OF SO_2 FOR 1988 AND 1989

	Control Units			Transfer Units		
	a	b	c	d	e	f
STEP 6 Identify transfer units. Enter total 1988 SO_2 emissions for control and transfer units	48118 tons	tons	tons	46011 tons	53444 tons	64,161 tons
STEP 7 Enter total 1989 SO_2 emissions for each unit	53825 tons	tons	tons	55257 tons	49714 tons	60,148 tons
STEP 8 Add Step 6 entry to Step 7 entry, divide by 2 and enter result	50972 tons	tons	tons	50634 tons	51579 tons	62,155 tons

PROJECTED SO_2 EMISSIONS 1995

STEP 9 Enter projected utilization for 1995 rounded to the nearest mmBtu	35176612 mmBtu	mmBtu	mmBtu	39118174 mmBtu	38210587 mmBtu	32,490,351 mmBtu
STEP 10 Enter projected uncontrolled SO_2 emission rate for 1995 to 4 decimal places	2.9015 lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	2.9092 lbs/mmBtu	2.9102 lbs/mmBtu	4.6550 lbs mmBtu
STEP 11 Multiply Step 9 entry by Step 10 entry, divide by 2000 and enter result	51032 tons	tons	tons	56901 tons	55600 tons	75,621 tons

PROJECTED SO_2 EMISSIONS 1996

STEP 12 Enter projected utilization for 1996 rounded to the nearest mmBtu	35176612 mmBtu	mmBtu	mmBtu	39118174 mmBtu	38210587 mmBtu	32,490,351 mmBtu
STEP 13 Enter projected uncontrolled SO_2 emission rate for 1996 to 4 decimal places	2.9015 lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	2.9092 lbs/mmBtu	2.9102 lbs/mmBtu	4.6550 lbs mmBtu
STEP 14 Multiply Step 12 entry by Step 13 entry, divide by 2000, round to the nearest ton, and enter result	51032 tons	tons	tons	56901 tons	55600 tons	75,621 tons

Plant Name (from Step 1) Mt. Storm

RESERVE ALLOWANCE CALCULATIONS

	Control Units			Transfer Units		
	a	b	c	d	e	f
STEP 15 Enter baseline (see special instructions)	33941590 mmBtu	mmBtu	mmBtu	34978581 mmBtu	32815818 mmBtu	22,528,658 mmBtu
STEP 16 Multiply Step 15 entry by 2.5, divide by 2000, round to the nearest ton, and enter result	42427 tons	tons	tons	43723 tons	41020 tons	28,161 tons

ALLOWANCES AVAILABLE FOR 1995

STEP 17 Subtract Step 16 entry from lesser of Step 8 or Step 11 entry and enter result	8545 allowances	allowances	allowances	6911 allowances	10559 allowances	33,994 allowances

TRANSFER CAPACITY CHECK FOR 1995

STEP 18 (Control Units Only) For Table 1 units, enter allowance allocation from Table 1. For non-Table 1 units, enter allocation from the substitution or reduced utilization plan	42430 allowances	allowances	allowances
STEP 19 Multiply value at Step 11 by .1, round to the nearest ton, and enter result	5103 tons	tons	tons
STEP 20 Subtract Step 19 entry from Step 18 entry and enter result	37327 allowances	allowances	allowances
STEP 21 Enter total of all Step 20 entries	37327 allowances		
STEP 22 Enter total of all transfer unit entries in Step 17, including entries on copies, if any	51464 allowances		

ALLOWANCES REQUESTED FOR 1995

STEP 23 If Step 22 entry equals Step 21 entry, you may request the number of reserve allowances calculated for each transfer unit at Step 17. Enter those numbers here and on copies, if any. If Step 22 entry is greater than or less than Step 21 entry, adjust requested allowances as provided in the special instructions.	6911 allowances	10559 allowances	19,857 allowances

	TOTAL
STEP 24 Add entries at Step 17 columns (a), (b), and (c) only and Step 23, including entries on copies, if any	45872 allowances

Plant Name (from Step 1) Mt. Storm

ALLOWANCES AVAILABLE FOR 1996

STEP 25
Subtract Step 16 entry from lesser of Step 8 or Step 14 entry and enter result

Control Units			Transfer Units		
a	b	c	d	e	f
8545 allowances	allowances	allowances	6911 allowances	10559 allowances	33,994 allowances

TRANSFER CAPACITY CHECK FOR 1996

STEP 26
(For Control Units Only)
For Table 1 units, enter allowance allocation from Table 1. For non-Table 1 units, enter allocation from the substitution or reduced utilization plan

42430 allowances	allowances	allowances

STEP 27
Multiply value at Step 14 by .1, round to the nearest ton, and enter result

5103 tons	tons	tons

STEP 28
Subtract Step 27 entry from Step 26 entry and enter result

37327 allowances	allowances	allowances

STEP 29
Enter total of all Step 28 entries

37327 allowances

STEP 30
Enter total of all transfer unit entries in Step 25, including entries on copies, if any

51464 allowances

ALLOWANCES REQUESTED FOR 1996

STEP 31
If Step 30 entry equals Step 29 entry, you may request the number of reserve allowances calculated for each transfer unit at Step 25. Enter those numbers here and on copies, if any. If Step 30 entry is greater than or less than Step 29 entry, adjust requested allowances as provided in the special instructions.

6911 allowances	10559 allowances	19,857 allowances

STEP 32
Add entries at Step 25 columns (a), (b), and (c) only and Step 31, including entries on copies, if any

TOTAL
45872 allowances

PROJECTED SO_2 EMISSIONS 1997

STEP 33
Enter projected utilization for 1997 rounded to the nearest mmBtu

38985804 mmBtu	mmBtu	mmBtu	39495502 mmBtu	38470553 mmBtu	20,924,528 mmBtu

STEP 34
Enter projected SO_2 emissions rate for 1997 to 4 decimal places

.2611 lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	2.9091 lbs/mmBtu	2.9102 lbs/mmBtu	4.6550 lbs/mmBtu

STEP 35
Multiply Step 33 entry by Step 34 entry, divide by 2000, round to the nearest ton, and enter result

KK 4/12/93 see 3/11/93 letter

5090 tons	tons	tons	~~57449~~ 57,448 tons	55979 tons	48,702 tons

NOTE -- The entries at Step 35 are your enforceable limit for 1997

Plant Name (from Step 1): Mt. Storm

PROJECTED SO_2 EMISSIONS 1998

	Control Units a	Control Units b	Control Units c	Transfer Units d	Transfer Units e	Transfer Units f
STEP 36 Enter projected utilization for 1998 rounded to the nearest mmBtu	38985804 mmBtu	mmBtu	mmBtu	39495502 mmBtu	38470553 mmBtu	20,924,528 mmBtu
STEP 37 Enter projected SO_2 emission rate for 1998 to 4 decimal places	.2611 lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	2.9091 lbs/mmBtu	2.9102 lbs/mmBtu	4.6550 lbs/mmBtu
STEP 38 Multiply Step 36 entry by Step 37 entry, divide by 2000, round to the nearest ton, and enter result	5090 tons	tons	tons	~~57449~~ 57,448 tons	55979 tons	48,702 tons

KK 4/12/93 see 3/11/93 letter

NOTE -- The entries at Step 38 are your enforceable limit for 1998

PROJECTED SO_2 EMISSIONS 1999

STEP 39 Enter projected utilization for 1999 rounded to the nearest mmBtu	38985804 mmBtu	mmBtu	mmBtu	39495502 mmBtu	38470553 mmBtu	20,924,528 mmBtu
STEP 40 Enter projected SO_2 emission rate for 1999 to 4 decimal places	.2611 lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	2.9091 lbs/mmBtu	2.9102 lbs/mmBtu	4.6550 lbs/mmBtu
STEP 41 Multiply Step 39 entry by Step 40 entry, divide by 2000, round to the nearest ton, and enter result	5090 tons	tons	tons	~~57449~~ 57,448 tons	55979 tons	48,702 tons

KK 4/12/93 see 3/11/93 letter

NOTE -- The entries at Step 41 are your enforceable limit for 1999

RESERVE ALLOWANCE CALCULATION 1997, 1998, AND 1999

				TOTAL
STEP 42 For control units only, multiply baseline entered at Step 15 by 1.2, then divide by 2000	20365 tons	tons	tons	
STEP 43 (1997) Subtract Step 35 entry from Step 42 entry, round to the nearest ton, then total the entries	15275 allowances	allowances	allowances	15275 allowances
STEP 44 (1998) Subtract Step 38 entry from Step 42 entry, round to the nearest ton, then total the entries	15275 allowances	allowances	allowances	15275 allowances
STEP 45 (1999) Subtract Step 41 entry from Step 42 entry, round to the nearest ton, then total the entries	15275 allowances	allowances	allowances	15275 allowances

TOTAL RESERVE ALLOWANCES

STEP 46
Add together totals at Steps 24, 32, 43, 44, and 45, and enter result: 137569 allowances