UNITED STATES ENVIRONMENTAL PROTECTION AGENCY - REGION 4 AIR, PESTICIDES & TOXICS MANAGEMENT DIVISION AIR & RADIATION TECHNOLOGY BRANCH

100 Alabama Street, SW Atlanta, Georgia 30303 Fax Number: 404/562-9095

FACSIMILE TRANSMISSION SHEET

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DATE: JULY 22, 1997

NUMBER OF PAGES (including this sheet): \$

TO: Jorathan Holtom

PHONE: 904-486-1344

ADDRESS: FDEP

FAX NUMBER: 904 - 977 - 6979

FROM:

Scott Davis

PHONE:

404-562-9127

Please call me if this transmission is received poorly.

SPECIAL INSTRUCTIONS:

Lansing Smith Acid Rain permit enclosed. Substitution plan was terminated on 12-121-95



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4

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

4APT-AEB

JAN 12 1998 -

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

SUBJ: Phase I Acid Rain Permit

Dear Mr. Kuester:

Enclosed you will find the final Phase I Acid Rain permits issued by the Environmental Protection Agency (EPA) for the revised and amended compliance plans you submitted. These revisions and administrative permit amendments were issued by EPA Region 4 on December 14, 1995, for the following facilities:

Gulf Power Company - Crist

Gulf Power Company - Lansing Smith

Gulf Power Company - Scholz

Your cooperation has been appreciated. If you have any questions, please contact Scott Davis or me at (404) 347-3555, extensions 4144 or 4167 respectively.

Sincerely

Brian L. Beals

Chief

Source Evaluation Unit Air Enforcement Branch Air, Pesticides and Toxics Management Division

Enclosure

cc: Tom Cascio, Florida DEP
 M.L. Gilchrist, Gulf Power
 Dwain Waters, Gulf Power (w/o Enclosure)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 4

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

PHASE I ACID RAIN PERMIT

Issued to: Gulf Power Company-Lansing Smith

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:

 Draft permit, including SO₂ compliance plan, issued for public comment (See page 1) November 4, 1994

2. SO₂ portion of permit finalized and issued

December 27, 1994

Permit revised to activate the conditional SO₂
 Substitution Plan for Units 1 and 2,
 issued as an administrative amendment
 (See page 3 and 4)

February 14, 1995

4. Permit revised to include a draft nitrogen oxides Emissions Averaging Plan for Units 1 and 2, issued for public comment on the NO_x portion only, consistent with 40 CFR part 76 (as promulgated on April 13, 1995) (see page 3(a) and 4(a) and the NO_x compliance plan)

September 21, 1995



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY **REGION 4**

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

Plant Name: Lansing Smith

State: Florida

ORIS Code: 0643

Present Action

5. Permit revised to deactivate and terminate the SO₂ substitution plan for Units 1 and 2 and to terminate the NO_x averaging plan for Units 1 and 2, issued as an administrative amendment (See page 3, 3(a), 4, and 4(a) and the SO₂ and NO_x compliance plans)

Signature

Date

Winston A. Smith Director, Air, Pesticides and Toxics Management Division U.S. Environmental Protection Agency, Region 4 345 Courtland Street, N.E.

Atlanta, Georgia 30365

Telephone: (404) 347-3043

Facsimile: (404) 347-5207

Page 3

Plant Name: Lansing Smith

State: Florida ORIS Code: 0643 Boiler ID#: 0001

Phase I SO₂ Allowance Allocation

| : | 1995 | 1996 | 1997 | 1998 | 1999 |
|----------------------------------|------|------|------|------|------|
| Table I 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 | 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.

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 the termination of a substitution plan for this unit for 1995-1999 in which it was designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. In this plan, Lansing Smith Unit 2, Crist Unit 4 and Unit 5, and Scholz Unit 1 and Unit 2 were also designated as substitution units by the Phase I unit.

R. SCOTT DAVIS

Permit Reviewer

Page 3(a)

Plant Name: Lansing Smith State: Florida

ORIS Code: 0643
Boiler ID#: 0001

NO_x Compliance Plan

R. SCOTT DAVIS

Permit Reviewer

Signature

12-11-95

Date

Page 4

Plant Name: Lansing Smith

State: Florida ORIS Code: 0643

Boiler ID#: 0002

Phase I SO₂ Allowance Allocation

| ; | 1995 | 1996 | 1997 | 1998 | 1999 |
|----------------------------------|------|------|------|------|------|
| Table I 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 | 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.

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

1. EPA approves the termination of a substitution plan for this unit for 1995-1999 in which it was designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. In this plan, Lansing Smith Unit 1, Crist Unit 4 and Unit 5, and Scholz Unit 1 and Unit 2 were also designated as substitution units by the Phase I unit.

| R. SCOTT DAVIS | R. Seott Davis | 12-11-95 |
|-----------------|----------------|----------|
| Permit Reviewer | Signature | Date |

Page 4(a)

Plant Name: Lansing Smith State: Florida

ORIS Code: 0643 Boiler 100#: 0002

NO_x Compliance Plan

R. SCOTT DAVIS

Permit Reviewer

Best Available Copy

Guif Power Company 500 Bayfront Parkway Post Office Box 1151 Pensacola, FL 32520-0328 Telephone 904 444-6236



M. L. Gilchrist Manager of Fuel and Environmental Affairs

the southern electric system

November 28, 1995

Mr. Brian L. Beals, Chief
U. S. Environmental Protection Agency
Acid Rain Contact
Air Enforcement Branch
345 Courtland Street, N.E.
Atlanta, GA 30365

Dear Mr. Beals:

GULF POWER COMPANY
TERMINATION OF SUBSTITUTION PLAN FOR
PLANT LANSING SMITH

Gulf Power Company hereby notifies EPA to terminate the substitution plan for Plant Lansing Smith for the years 1995 through 1999. Gulf Power originally submitted application for Plant Lansing Smith (Units 1 & 2) as conditional substitution units on June 23, 1994. This application was later revised on September 29, 1994 and was activated on December 21, 1994 as part of an NOx averaging plan with Mississippi Power Company. Gulf Power requests that all other units as outlined in the original submitted plan for Plant Crist Unit 7 remain as active substitution units, (i.e. Crist 4, Crist 5, Scholz 1, Scholz 2).

Gulf Power also surrenders for deduction from the Plant Lansing Smith Allowance Tracking System account, all allowances awarded by EPA under 40 CFR 72.41 (d)(1) for all calendar years for which the plan is being terminated. A copy of the request for allowance deduction is enclosed as Attachment A. Additionally, we request that the associated Reduced Utilization plans for Plant Smith Unit 1 and 2 also be terminated.

Included in this submission as Attachment B is a revised Mississippi Power / Gulf Power NOx Averaging Plan with the exclusion of the Plant Smith units. This averaging plan should replace the original plan submitted on December 21, 1994.

Mr. Brian L. Beals November 28, 1995 Page Two

I hereby certify:

"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."

If you have any questions regarding this submittal, please contact me or Dwain Waters of my staff at (904) 444-6527.

Sincerely,

Attachments

See Distribution List

DISTRIBUTION LIST



U. S. Environmental Protection Agency

R. Scott Davis

Florida Department of Environmental Protection

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Southern Company Services

Danny Herrin

Gulf Power Company

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G. D. Waters

H. L. Witt

Mississippi Power Company

Rick Berry

Larry Ward

ATTACHMENT A

c

Best Available Copy

Guit Power Jompany 500 Bayrront Parkway Post Office Box 1151 Pensaccia, FL 32520-0328 Telephone 904, 444-6236



M. L. Gilchrist Manager of Fuel and Environmental Affairs

the southern electric system

November 27, 1995

U. S. Environmental Protection Agency Acid Rain Division (6204-J) Attention: Allowance Tracking System 401 M. Street, S.W. Washington, D.C. 20460

Dear Sirs:

GULF POWER COMPANY
PLANT SMITH ALLOWANCE DEDUCTION FOR
TERMINATION OF SUBSTITUTION PLAN
ORISPL 643

Elitus

Gulf Power Company hereby surrenders for deduction from the Plant Lansing Smith Allowance Tracking System (ATS) accounts all allowances previously awarded by EPA under 40 CFR 72.41 (d)(1) for all calendar years for which the substitution plan is being terminated.

If you have any questions or need additional information regarding this request, please call me or Dwain Waters at (904) 444-6527.

Sincerely,

M. L. Gilchrist

Alternate Designated Representative

cc: Gulf Power Company

G. Edison Holland, Jr.

J. A. Babbitt

H. L. Witt

W. B. Mills

Mississippi Power Company

Frederick D. Kuester

Southern Company Services

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United States Environmental Protection Agency **Allowance Deduction** (OPTIONAL) Form AD Acid Rain Program PLEASE TYPE ALL LETTERS IN UPPER-CASE, В LEFT JUSTIFY TEXT, RIGHT JUSTIFY NUMBERS AS SHOWN: ATS Account Number Step 1 Compliance Year 1998 Step 2 Annual Deduction for Compliance Excess Emissions Offset Plan Immediate Deduction Additional Deduction Due to Energy Conservation / Terminated Compliance Plan / SUBSTITUTION Improved Unit Efficiency Confirmation Report Type of Plan Step 3 Allowances to be Deducted **End Number** Start Number Total 5 9 9 3 8 0 6079 Step 4 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.

Page 1 of 1

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United States **Environmental Protection Agency Allowance Deduction** (OPTIONAL) Form AD Acid Rain Program PLEASE TYPE ALL LETTERS IN UPPER-CASE. В LEFT JUSTIFY TEXT, RIGHT JUSTIFY NUMBERS AS SHOWN: Step 1 Compliance Year **ATS Account Number** 1999 Step 2 Annual Doduction for Compliance Excess Emissions Offset Plan Immediate Deduction Additional Deduction Due to Energy Conservation / Terminated Compliance Plan / Improved Unit Efficiency Confirmation Report SUBSTITUTION Type of Plan Step 3 Allowances to be Deducted Start Number End Number Total 9 9 0 2 3 6 1 9 9 9 0 6 7 4 3 8 5 7239 Step 4 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.

Page 1 of 1

United States Environmental Protection Agency Acid Rain Program

OMB No. 2060-0258 Expires 12-31-96



NO_x Averaging Plan

Page 1

For more information, see instructions and refer to 40 CFR 76.11

This submission is: ___ New

X Revised

Page 1 of 1

STEP 1 Identify the units participating in this averaging plan by plant name, State, and boiler ID# from NADB. In column (a), fill in each unit's applicable emission limitation from 40 CFR 76.5, 76.6, or 76.7. In column (b), assign an alternative contemporaneous annual emissions limitation in lb/mmBtu to each unit. In column (c), assign an annual heat input limitation in mmBtu to each unit. Continue on page 3 if necessary

| Plant Name | State | ID# | (a) Emission Limitation | (b) Alt. Contemp. Emission Limitation | (c) Annual Heat Input Limit |
|------------|-------|-----|-------------------------------|--|--------------------------------------|
| Watson | MS | 4 | .50 | .57 | 12086872 |
| Watson | MS | 5 | .50 | .57 | 20127887 |
| Daniel | MS | 1 | .45 | .35 | 21244417 |
| Daniel | MS | 2 | .45 | .35 | 29987051 |
| Crist | FL | 4 | .45 | .60 | 4330920 |
| Crist | FL | 5 | .45 | .60 | 3518988 |
| Crist | FL | 6 | .50 | .60 | 13451097 |
| Scholz | FL | 1 | .50 | .70 | 723608 |
| Scholz | FL | 2 | .50 | . 7,5 | 731528 |

STEP 2 Use the formula to enter the Btu-weighted annual emission rate averaged over the units if they are operated in accordance with the proposed averaging plan and the Btu-weighted annual average emission rate for the same units if they are operated in compliance with 40 CFR 76.5, 76.6, or 76.7. The former must be less than or equal to the latter

Btu-weighted annual emission rate averaged over the units if they are operated in accordance with the proposed averaging plan

.4720

Btu-weighted annual average emission rate for same units operated in compliance with 40 CFR 76.5, 76.6 or 76.7

.4722

$$\frac{\sum_{i=1}^{n} (R_{Li} \times III_i)}{\sum_{i=1}^{n} III_i} \leq \frac{\sum_{i=1}^{n} (R_{Ii} \times III_i)}{\sum_{i=1}^{n} III_i}$$

≤

 R_{Li}^{-2} = Alternative contemporaneous annual emission limitation for unit i, in lb/mmBtu, as specified in column (b) of Step 1):

 R_{II} = Applicable emission limitation for unit i, in lb. mmBtu, as specified in column (a) of Step 1:

III. = Annual heat input for unit i, in mmBtu, as specified in column (c) of Step 1:

n = Number of units in the averaging plan

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| Watson | |
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STEP 3 Mark one of the two options and enter dates

This pign is effective for calendar year.

through calendar year

of essinicitization to terminate the planus given.

X. Treat this plan as -5 dentical plans, each effective for one palendar year for the following

calendar years: 1995 , 1996 , 1997 , 1998 and 1999

unless notification to terminate one or more of these plans is given.

STEP 4
Read the special provisions and certification, enter the name of the designated representative, and sign and date

Special Provisions

Emission Limitations

Each affected unit in an approved averaging plan is in compliance with the Acid Rain emission limitations for NOx under the plan only if the following requirements are met:

- (i) For all units, the unit's actual annual average emission rate for the calendar year, in lbs mm8tu, is less, than or equal to its alternative contemporaneous annual emission limitation in the averaging plan, and
- (a) For units with alternative contemporaneous emission limitations less stringent than the applicable emission limitations in 40 CFR 76.5, 76.6, or 76.7 of 40 CFR Part 76, the actual annual hear input for the calendar year does not exceed the annual heat input limit in the averaging plan.
 - (b) For units with alternative contemporaneous emission limitations more stringent than the applicable emission limitations in 40 CFR 76.5, 76.6, or 76.7 of 40 CFR Part 76, the actual annual heat input for the calendar year is not less than the annual heat input limit in the averaging plan, and
- (ii) If one or more of the units does not meet the requirements of (i), the designated representative shall demonstrate, in accordance with the equation at 40 CFR 76.11(d)(1)(ii), that the actual Btu-weighted annual average emission rate for the units in the plan is less than or equal to the Btu-weighted annual average rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations in 40 CFR 76.5, 76.6, or 76.7.

<u>Termination</u>

The designated representative may submit a notification to terminate an approved averaging plan in accordance with 40 CFR 72.40(d) of 40 CFR Part 72, no later than October 1 of the calendar year for which the plan is to be terminated.

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.

Frederick D. Kuester

Signature Frederick D. Kuester

Date 11-28-95



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET NE. ATLANTA GEORGIA 30365

DEC 2 1 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 issued by the Environmental Protection Agency (EPA) for Gulf Power Company - Plant Lansing Smith. The final permit was issued by EPA Region IV on December 14, 1994. The public notice of this draft permit action was scheduled for publication in the <u>Federal Register</u> 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)

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET IN E ATLANTA, GEORGIA 30355

PHASE I ACID RAIN PERMIT

Issued to: Gulf Power Company-Lansing Smith

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. This is the initial permitting action being undertaken:

1. Draft permit, including SO₂ compliance plan, issued for public comment (See page 1)

November 4, 1994

Present Action

2. SO₂ portion of permit finalized and issued

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

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET NE ATLANTA, GEORGIA 30365

PHASE I ACID RAIN PERMIT

Issued to: Gulf Power Company-Lansing Smith

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 SO₂ 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.

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

Page 2

Plant Name: Lansing Smith

State: Florida ORIS Code: 0643

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)."

R. SCOTT DAVIS

Permit Reviewer

Signature

| 12-12-94|
| Date

Plant Name: Lansing Smith

State: Florida ORIS Code: 0643 Boiler ID#: 0001

Phase I SO₂ 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 | *6,079 | *6,079 | *6,079 | *6.079 | *6,079 |
| 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 <u>Environmental Defense Fund</u> v. <u>Carol M. Browner</u>, 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, Lansing Smith Unit 2, Crist Unit 4 and Unit 5, and Scholz Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.
- 2. The value in step 3, column i, 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 | R. Lest Tavis | 12-12-94 |
|-----------------|---------------|----------|
| Permit Reviewer | Signature | Date |

Plant Name: Lansing Smith

State: Florida ORIS Code: 0643 Boiler ID#: 0002

Phase I SO₂ Allowance Allocation

| | 1995 | 1996 | 1997 | 1998 | 1999 |
|----------------------------------|--------|--------|--------|--------|--------|
| Table 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 | *7,239 | *7,239 | *7,239 | *7,239 | *7,239 |
| 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 <u>Environmental Defense Fund</u> v. <u>Carol M. Browner</u>, No. 93-1203 (executed on May 4, 1994):

- *1. EPA approves a conditional substitution plan for this unit for 1995 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, Lansing Smith Unit 1, Crist Unit 4 and Unit 5, and Scholz Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.
- 2. The value in step 3, column j, 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 | V. Scott Davis | 12-12-94 |
|-----------------|----------------|----------|
| Permit Reviewer | Signature | |



Phase I Permit Application

Page 1

| | For more informa | ation, see instructions and refer to 40 CFR 72.30 end 72.31 | | |
|---|------------------|--|--|------------------|
| DEGENVED 6-29-94 | This submission | is: X New Revised | 1 | Page 1 of 1 |
| TEP 1 dentify the source by plant ame, State, and ORIS ode from NADB | Plant Name | Lansing Smith | FL State | 643 ORIS Code |
| OMPLIANCE PLAN | | | | |
| TEP 2 pecify a compliance plan or this source by lentifying each Table 1 nd non-Table 1 unit at this ource that is subject to cold Rain Program | Table 1 Units | Hold allowances in accordance with 40 CFR 72.9(d)(1) Substitution plan (include Substitution Plan form) | | |
| missions limitations during thase I. Identify each unit y boiler ID# from NADB, and mark one or more oxes if you wish to | | Reduced utilization plan (include Reduced Utilization Plan Phase I extension plan (if this unit is a control unit, include form. If this unit is a transfer unit for a control unit at an include form but identify the control unit's source by plan | de Phase I Extend nother source, do | not |
| fentify additional methods frompilance for each unit | | 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 Phase I extension plan (if this unit is a control unit, include form. If this unit is a transfer unit for a control unit at a include form but identify the control unit's source by plan | de Phase I Exten | o not |
| | ID# | Name Plant (include Substitution Plan form) Plant Plan | de Phase I Exten | o not |
| | ID# | Plant Name 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. If this unit is a transfer unit for a control unit, include form. If this unit is a transfer unit for a control unit et a include form but identify the control unit's source by plan. | ide Phase I Exten | o not |
| | | Plant Name | | State |

| , | Lansing Smith | Phase I Permit - F. |
|-----------------|--|---|
| Plant Name (fro | | Page of _ |
| Non-Table 1 U | BEST AVAILABLE COPY | |
| | Hold allowances in accordance with ACCFR 72 | .9(c)(1) н ых к |
| ID# 1 | X Substitution unit (include Phase I Extension Plan form) Substitution unit (if this is a substitution unit for a source(s), enter plant name and State of other so | one or more Teble 1 unit(s) at other |
| | Crist Plant Name | FL State |
| | Plant Name | State |
| | Reduced utilization plan; unit to be underutilized (Compensating unit (if this is a compensating unit source(s), enter plant name and State of other so | for one or more units at other |
| | Plant Name | State |
| | Plant Name | State |
| 1D# 2 | Hold allowances in accordance with 46 CFR 7 Control unit (include Phase I Extension Plan form) Substitution unit (if this is a substitution unit for source(s), enter plant name and State of other so | one or more Table 1 unit(s) at other |
| | Plant Name Crist | State FL |
| | | |
| | Plant Name Reduced utilization plan; unit to be underutilized | (include Reduced Utilization Plan form) |
| | Compensating unit (if this is a compensating unit source(s), enter plant name and State of other so | for one or more units at other |
| | Plant Name | State |
| | Plant Name | State |
| iD# | Hold allowances in accordance with 40 CFR 72. Control unit (include Phase I Extension Plan form Substitution unit (if this is a substitution unit for source(s), anter plant name and State of other s |) one or more Table 1 unit(s) at other |
| | Plant Neme | State |
| | Plant Name | State |
| | Reduced utilization plan; unit to be underutilized Compensating unit (if this is a compensating unit source(s), enter plant name and State of other s | t for one or more units at other |
| | Plant Name | State |
| | 5 | S |

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Phase I Permit - Page 3

Plant Name (from Step 1)

Lansing Smith

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 pravious 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 cartification 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 calandar 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 terminata or limit such authorization.
- (vii) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

<u>Nitrogen Oxides Requirements</u>. 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 demend 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 causa, 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 effected 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)

Lansing Smith

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 anforcement 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 end 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 affacted 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
- (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 effected 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 J. | Date 6/23/94 |

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

| AIRS | | | |
|----------|---|------|--|
| <u> </u> | - | | |
| FINDS | | | |
| | | | |

APPENDIX B

Notification of Waiver

Lansing

The undersigned Designated Representative for Smith plant, 1 - 2 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 So. 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.

| APPROVE | o: Earl B. Parsons J. |
|---------|---|
| | 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

Paga 1

| | For more information This submission is: | | e and refer to 40 C | FR 72.4 | 1 | ÷ | e estis. Service Agencies | Page I of I |
|--|--|---|--|--|------------------|------------------|------------------------------|---|
| TEP 1 dentify each unit y plant name, State and | Table 1 Units | | | | State | | Boiler ID# | |
| olier ID# from NADB. Ifter the boiler ID# of each ubstitution unit, enter the itter(s) for the Table 1 | Crist | | 3 - 1 - 1 <u>4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - </u> | · - | FL | | . 7 | |
| successor. | o d | · Š | | | ni kanangan | | | |
| | Substitution U | nite | | | State | | Boller ID# | Teble 1 Unite |
| | Scholz Scholz Crist | | | | FL FL | | 2 4 | a a a |
| | | mith | | | FL FL | | 5 | a a |
| TEP 2 | Lansing S | mith F | | | FL | 1000 | 2 2 33506 | a 0 |
| inter baseline (see pecial instructions) | 3691249 mmBtu | 3826391 mmBtu | 4460224 mm8tu | 4395 | 842 mmBtu | | 83500 mm8tu | 1 2607580 mmBtu |
| nter the losser of the 985 actual or allowable On amissions rate from IADB. Do not round | 4.4871 Ros/mm8tu | 4.4803 lbs/mm8tu | 4.4628 bs/mmBtu | 1 | 650 lbe/mmBtu | 1. | 1069 Ibs/mm8tu | 1.1483 lbs/mmBtu |
| STEP 4 Multiply Step 2 and Step 3 entries, divide by 2000, and round to the | 8282 tons | 8572 tone | 9953 tons | 937 | 4 tons | 60 | 79 tone | 7239 tons |
| STEP 5 Mark one of the two options and enter date, | | late of this plan is | | | | | | |
| f applicable | not later than plan is to be in | 50 days before the effect: Go to Sta | | r deadir | e applicat | de to t | he first year | for which the |
| Mark one of the wo options and enter date, f applicable | prior to that de | ite is given of the plan is not k | effect is December nown. The plan w tifies the Agency o | rill be eff of termin | ective unt | i Dece e plen | mber 31, 19 prior to that | minate the plan 199, unless I date. |
| PA Form 7610-3B (11-92) | | | and the second s | in de entre en Entre entre en | | | | |

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Substitution - Page 2

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.

<u>Liability</u>. 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 a 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 apocified in 40 CFR 72.41(e)(2)(ii)(B). No substitution plan shall be terminated, and no unit shall be de-designified as a Phase I unit, unless such deduction is made.

(iv) Change of owner or operator. If there is a change in the owners of 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 using 1 of the calendar year during which the change was made. If the designated representatives the 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(a)(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 cartify under panitry 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 J. | Date 8/31/94 |
| Name | | |
| Signature | | Date |
| Name | | |
| Signature | | Date |
| Name | | |
| Signature | | Date |



Corksheet for Substitution Plans

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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):

| | | j | • | h | 1 | j |
|--|----------------------|-------------------|-------------|-----------------|-----------------|-------------|
| STEP A Enter the 1988 80, emissions | 8835.53 | 8615.35 | 11032.66 | 8053.21 | 16061.47 | 23195.85 |
| (to 2 decimal places) | | | | | | |
| STEP 8 | | | | | | |
| Enter the 1989 boller total heat input | 3958079.60 | 3859575.80 | 4756386,20 | 3491200.00 | 7185227.20 | 10498836.40 |
| , | | | | | • | |
| STEP C DMde Stap A by Stap 8. | | * | | | | / /107 |
| multiply by 2000, and enter | 4.4646 | 4.4644 | 4.6391 | 4.6134 | 4.4707 | 4.4187 |
| serie (n 4 oersins beroek | | | | | | |
| STEP D | 7150 17 | 6534.02 | 9717.93 | 9411.43 | 16053.01 | 17957.88 |
| Enter the 1990 SO, emissions (to 2 decimal places) | 7152.17 | 6534.02 | 9/1/.93 | 9411.43 tens | 16053.01 | 17937.00 |
| | | | | | | |
| STEP E Enter the 1990 boiler total | 3187895.40 | 2916775.40 | 4282649.80 | 4142998.40 | 7233538.40 | 8131163.40 |
| heat input | 3107093.40 | Parithal Parithal | mmilita | mathe | tunda. | - marke |
| STEP F | •• | | | | | |
| Divide Step D by Step E, multiply by 2000, and enter | 4.4871 | 4.4803 | 4.5383 | 4.5433 | 4.4385 | 4.4171 |
| result (to 4 decimal places) | Sultamble | Behneiby | Boltoniku | Baltundler | Salumitu | betredte |
| STEP G | | | | | | |
| Enter the most stringert 80, emission limit that was | 6.17 | 6.17 | 5.9 | 5.9 | 6.17 | 6.17 |
| adopted or promulgated as of 11/15/90 and that is applicable | | - triusitis | - teabundle | | - | |
| to the unit during Phase i | • | | | | | , |
| STEP H | | _ | | | | |
| Erect the logger of the 1685- actual or allowable SQ. | 4.8053 | 4.8057. | 4.4628 | 4.2650 | 1.1069 | 1.1483 |
| emission rate from NADS | 1- | | | | | |
| CTTO 4 | | | | | · | |
| STEP I Enter the greater of Step C | 4.4871 No.4000000 | 4.4803 | 4.6391 | 4.6134 | 4.4707 | 4.4187 |
| and Step F | | | - | | | |
| STEP J | | | | | T | 7 |
| Enter the lesser of Staps G. H. and I here and at Stap 3 on | 4.4871 | 4.4803 | 4.4628 | 4 - 2650 | 1.1069 | 1.1483 |
| the Substitution Plan form | | | | | , | |

STEP K Read the certification, sign and date A---

BEST AVAILABLE COPY

I am authorized to make this eutomission on behalf of the current and operators of the effected source or effected units for which the automission is made. I certify under penalty of law that I have personally extended, and am feedilar with, the eletements and information automitted in this document and all its estachments. Bessel on my inquiry of those includeste with primary responsibility for obtaining the information, I certify that the eletements and information are to the best of my knowledge and belief true, accounts, and complete. I am aware that there are eightform penalties for submitting feles eletements and information, including the possibility of time or imprisonment.

| Name | Earl B. Parsons, Jr. | |
|------------------|----------------------|---------|
| Manhor | Earl B. Parsons J. | 8/31/9¥ |
| Manus | | |
| Signature | | Date |
| Name | | |
| Signature | | Dallo |
| Name | | |
| Menature | | Date |

instructions

Stope A, B, D, and E

To the eigent 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 SO₂ emission limits (including federal, state, or local limits, converted to theireralite, where-necessary) that apply to the unit, will be effective during Phase I (1995-1996), and were adopted or promulgated as of November 15, 1990.

If the most stringers of these emission limits is different the different years in Phase I, then this workshootsmonthismonis, but completed separately for each year in Phase I. In this case, the value at Step-J for the first year of the plan is enhanced at Step 8 on the Substitution Plan form.

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

APPENDIX B

Notification of Waiver

Lansing

The undersigned Designated Representative for Smith plant, 1-2 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.

Designated Representative

DATE: 6/23/94

: q _ - - - - - 2.



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

RECEIVED

Bureau of Air Regulation

Dear Mr. Parsons:

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

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-Lansing Smith

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. This is the initial permitting action being undertaken:

Present Action

 Draft permit, including SO₂ compliance plan, issued for public comment (See page 1)

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



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-Lansing Smith

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 SO₂ 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.

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

Statement of Basis. Part A

Page 2

Plant Name: Lansing Smith

State: Florida ORIS Code: 0643

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)."

R. SCOTT DAVIS

Permit Reviewer

R. Lest Davis
Signature

11-1-94

Date

Statement of Basis. Part B

Page 3

Plant Name: Lansing Smith

State: Florida ORIS Code: 0643 Boiler ID#: 0001

Phase I SO₂ 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 | *6,079 | *6,079 | *6,079 | *6.079 | *6,079 |
| 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, Lansing Smith Unit 2, Crist Unit 4 and Unit 5, and Scholz 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 | R. Scott Vavio | 11-1-94 |
|-----------------|----------------|---------|
| Permit Reviewer | Signature | Date |

Statement of Basis. Part B

Page 4

Plant Name: Lansing Smith

State: Florida ORIS Code: 0643 Boiler ID#: 0002

Phase I SO₂ Allowance Allocation

| | Í995 | 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 | *7,239 | *7,239 | * 7,239 | * 7,239 | * 7,239 |
| 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 <u>Environmental Defense Fund</u> v. <u>Carol M. Browner</u>, No. 93-1203 (executed on May 4, 1994):

- *1. EPA approves a conditional substitution plan for this unit for 1995 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, Lansing Smith Unit 1, Crist Unit 4 and Unit 5, and Scholz 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

K. Scott Lavis

11-1-94

Date



Phase I Permit Application

Page 1

For more information, see instructions and refer to 40 CFR 72.30 and 72.31 Revised This submission is: X New Identify the source by plant 643 ORIS Code Lansing Smith FL name, State, and ORIS Plant Name code from NADB **COMPLIANCE PLAN** Table 1 Units STEP 2 Specify a compliance plan for this source by identifying each Table 1 |X| Hold allowances in accordance with 40 CFR 72.9(d)(1) and non-Table 1 unit at this source that is subject to Substitution plan (include Substitution Plan form) ID# Acid Rain Program Reduced utilization plan (include Reduced Utilization Plan form) emissions limitations during Phase I. Identify each unit Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan by boiler ID# from NADB, form. If this unit is a transfer unit for a control unit at enother source, do not and mark one or more include form but identify the control unit's source by plant name and State below) boxes if you wish to identify additional methods of compliance for each unit Plant Name State | X | Hold allowances in accordance with 40 CFR 72.9(d)(1) ID# 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 Hold allowances in accordance with 40 CFR 72.9(d)(1) ID# Substitution plan (include Substitution Plan form) Reduced utilization plan (include Reduced Utilization Plan form) Phasa 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 end State below) Plant Name | X | Hold allowances in accordance with 40 CFR 72.9(d)(1) ID# 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 Neme

BEST AVAILABLE COPY

| | Lansing Smith | Phase I Permit - F. |
|---------------------------------------|--|--------------------------|
| Plant Name (from | | Page of |
| | | - |
| on-Table 1 Un | its | |
| | 40 CFR 72.9(c)(1) | • |
| . 1 | Note | |
| * | Control unit (include Phase I Extension Plan form) X Substitution unit (if this is a substitution unit for one or more). | WINDATA |
| | source(s), enter plant name and State of other source(s) | Die Liquid(II) ac onter |
| | Crist | FL |
| | Plant Name | State |
| | | |
| | Plant Name | State |
| | Reduced utilization plan; unit to be underutilized (include Reduced) | ed Utilization Plan form |
| | Compensating unit (if this is a compensating unit for one or more source(s), enter plant name and State of other source(s)) | re units at other |
| | source(s), since paint name and state of other source(s)) | |
| | Plant Name | State |
| | right (10) IV | 3.6.6 |
| | Plant Name | State |
| | · · | Justo |
| • | 40 CFR 72.9(c)(1) | |
| . 2 | X Hold allowences in accordance with #G*CFFF*#E.8(GFFF) | |
|)# | Control unit (include Phase I Extension Plan form) Substitution unit (if this is a substitution unit for one or more To | shie 1 unitie) et other |
| | source(s), enter plant name and State of other source(s)) | |
| | | |
| | Plant Name Crist | State FL |
| | | |
| | Plant Name | State |
| | Reduced utilization plan; unit to be underutilized (include Reduc | ed Utilization Plan form |
| | Compensating unit (if this is a compensating unit for one or mo source(s), enter plant name and State of other source(s)) | re units at other |
| | State of the state | |
| | Plant Name | Stete |
| | | |
| | Plant Name | State |
| | | 1,532,0 |
| · · · · · · · · · · · · · · · · · · · | V | |
| · | 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 T | able 1 unit(e) at other |
| | source(s), enter plant name and State of other source(s)) | |
| • | | , |
| | Plant Nama | State |
| | | |
| | Plant Name | State |
| | Reduced utilization plan; unit to be underutilized (include Reduc | eed Utilization Plan for |
| | Compensating unit (if this is a compensating unit for one or mo | |
| | source(s), enter plant name and State of other source(s)) | |
| | | |
| | Plant Name | State |
| | | |
| | Plant Name | State |



STEP 3

date

Read the standard

requirements and certification, enter

the name of the designated

representative, and sign and

Lansing Smith

Plant Name (from Step 1)

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 plen) under this part in accordance with the deadlines specified in 40 CFR 72.30;

(b) Submit in a timely manner a completa 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 en Acid Rain permit application and issue or deny an Acid Rain permit;

Phase I Permit - Page 3

(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 reputations implementing section 407 of the Act.
(iii) 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.
(iiii) 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.

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, es of the allowance transfer deadline, in the unit's complience 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 riaht.

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 en 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 sits 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)

Lansing Smith

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, e 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 data that the ravision 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 separata 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 Q. | Date 6/23/94 |
| | |

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

| - | | | _ |
|-------|---|-------|---|
| AIRS | | | |
| | | - | |
| FINDS | · | | |

APPENDIX B

Notification of Waiver

Lansing

The undersigned Designated Representative for Smith plant, 1 - 2 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.

| APPROVEI | Earl B. Parsons, Jr. | y . |
|----------|---------------------------|----------------|
| | Designated Representative | |
| | | |
| DATE: | 6/23/94 | |

ENDO

United States Environmental Protection Agency Acid Rain Program

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



Substitution Plan

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

Page 1

| DEGENVED | This submission is: | New X | Revised | | | | Page of | |
|--|--------------------------------------|--|--|---|--|-------------------------------|-------------------------------|--|
| STEP 1 Identify each unit | Table 1 Units | | | esperie Verience Verience Verience | en e | | artor () A | |
| by plant name, State and boller ID# from NADB. | Plent Name | Sharter Wiles Shart Shart III | | | State | Boiler ID# | – | |
| After the boiler ID# of each substitution unit, enter the | Crist | | | | FL | 7 | | |
| letter(s) for the Table 1 unit(s) for which the unit is: substituting (see | | | ·, | | | | | |
| instructions) | c | | • | | | | | * |
| | Substitution Un | The second secon | | | le ind b | | | |
| | Plant Name | | | | State | Boller ID# | Table 1 Units | |
| | Scholz | | | | FL | 1 | a | 100 |
| | Scholz | | | | FL | 2 | a | 1 1 |
| | • Crist | | | | FL | 4 | a | |
| | Crist | | | | FL | 5 | λ a | |
| ar marinas and the | Lansing S | | | | FL FL | 2 | a | |
| | Lansing S | 1000 | 7 7.4 4.5 | f E | | | _\ a Ω-\ ** %Ω | C |
| STEP 2 Enter baseline (see special instructions) | 3691249 mmBtu | 3826391 mm8tu | 4460224 mmBtu | 4395 | E STATE NAME | 10983506 10983500 mmBtu | 12607585 12607580 mmBtu | 2 |
| STEP 3 RSD | | | and the | | | | | |
| Enter the losser of the 1985 ectual or allowable SO ₂ emissions rate from NADS. De not round | 4.4871 Ibe/mmBtu | 4 . 4803 lbs/mmBtu | 4 • 4628 lbs/mmBtu | | 650 lbs/mmBtu | 1.1069 lbs/mmBtu | 1.1483 lbs/mm8tu | |
| | | | | 100 - m | | | | STATE OF THE PARTY |
| STEP 4 Multiply Step 2 and Step 3 entries, divide by | 8282 tons | 8572 tons | 9953 | 937 | 4 tons | 6079 | 7239 tons | 100 |
| 2000, and round to the nearest ton | | | | | | | | |
| STEP 5 | The effective d | ate of this plan is . | lement 1 199 | | | | | |
| Mark one of the two options and enter date, if applicable | X This plan is for not later than 6 | conditional approx | el. The designate | | | | | 《成學》於於於 |
| STEP 6 Mark one of the | The last date the prior to that date | | iffect is December | 31, 199 | unles | s notification to ta | rminete the plan | |
| two options and enter date, if applicable | The last date o | f the plan is not kr | nown. The plan w ifies the Agency o | | | | | |

Crist
Plant Name (see instructions)

Page 2 of

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 slon 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.

<u>Liability</u>. The owners and operators of a unit governed by an approved substitution plen 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) shell 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; Allowance Tracking System account ansa state that he or she surrenders for deduction from the unit; Allowance (racking 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 end 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 of 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 fall 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(a)(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.

| | | • |
|-------------|--------------------|--------------|
| Nama Ea | rl B. Parsons, Jr. | · |
| Signature 6 | Earl B. Parsons J. | Date 8/31/94 |
| Name | | , |
| Signature | | Date |
| Náme | | |
| Signature | ~ | Date |
| Name | | |
| | | |
| Signature | | Date |

BEST AVAILABLE COPY



_orksheet for Substitution Plans

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

| | • | į | • | h | · 1 | . 1 |
|---|------------|------------|-----------------------|------------|------------|-------------|
| STEP A Enter the 1988 80, emissions | 8835.53 | 8615.35 | 11032.66 | 8053.21 | 16061.47 | 23195.85 |
| (to 2 decimal places) | | | | | | |
| STEP 8. Enter the 1969 boller total heat input | 3958079.60 | 3859575.80 | 4756386.20 | 3491200.00 | 7185227.20 | 10498836.40 |
| | | | | | • | |
| STEP C Owde Step A by Step S. multiply by 2000, and enter result (to 4 decimal places) | 4.4646 | 4.4644 | 4.6391 | 4.6134 | 4.4707 | 4.4187 |
| ready (a) 4 Octavian principal | | | | • | | |
| STEP D Enter the 1990 SO, emissions (to 2 decimal places) | 7152.17 | 6534.02 | 9717.93 | 9411.43 | 16053.01 | 17957.88 |
| | | | | | | |
| STEP E Enter the 1990 boiler total heat input | 3187895.40 | 2916775.40 | 4282649.80 | 4142998.40 | 7233538.40 | 8131163.40 |
| STEP F | | | | | | |
| Divide Step D by Step E, multiply by 2000, and enter result (to 4 decimal places) | 4.4871 | 4.4803 | 4.5383 Bellevilles | 4.5433 | 4.4385 | 4.4171 |
| | | | | | | |
| STEP G Enter the most stringent 80, emission limit that was adopted or promulgated as of | 6.17 | 6.17 | 5.9 | 5.9 | 6.17 | 6.17 |
| 11/15/90 and that is applicable to the unit during Phase I | • | | • | | | |
| STEP H | | | | | | T |
| Erner the lesser of the 1885- actual or allowable 80. | 4.8053 | 4.8057. | 4.4628 | 4.2650 | 1.1069 | 1,1483 |
| emission rate from NADS | | ٠, | : | | | |
| STEP I Enter the greater of Step C and Step F | 4.4871 | 4.4803 | 4.6391 | 4.6134 | 4.4707 | 4.4187 |
| | | | | | | |
| STEP J Enter the lesser of Steps G, H, and I here and at Step 3 on | 4.4871 | 4.4803 | 4.4628 | 4.2650 | 1.1069 | 1.1483 |

STEP K Read the certification, eigh and date - Minaria

I am authorized to make this automission on behalf of the owners and operators of the effected source or effected units for which the automission is made. I certify under penalty of law that I have personally mannined, and am familiar with, the eletements and information automitted in this document and all its effectments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the eletements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are eignificant penalties for submitting felse statements and information or omitting required alutements and information, including the possibility of the or imprisonment.

| Name Earl B. Parsons, Jr. | |
|---------------------------|-------------|
| Earl B. Parsons J. | Des 8/31/94 |
| Name | |
| Mynahas | Date |
| Marso | |
| Signature | Date |
| Name | |
| Migrature | Date |

Instructions

Stope A, B, D, and E

To the expent 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 Q

Choose from all unit-specific SO, emission limits (including federal, state, or local limits, converted to its/wealths, 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 stringers of these embelor limbs is different for different years in Phase I, then this wednesdroughtened; (c) completed separately for each year in Phase I. In this case; the value at Step 3 for the first year of the plan is entired at Step 8 on the Substitution Plan form.

If the unit is subject to a non-unit-specific SC, 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

Lansing

The undersigned Designated Representative for Smith plant, 1 - 2 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.

Designated Representative

DATE: 6/23/94