

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

0050014

DATE: JULY 22, 1997	NUMBER OF PAGES (including this sheet): 8
TO: Jonathan Holtom	PHONE: 904-488-1344
ADDRESS: FDEP	FAX NUMBER: 904-922-6979
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 12-14-95.



## 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

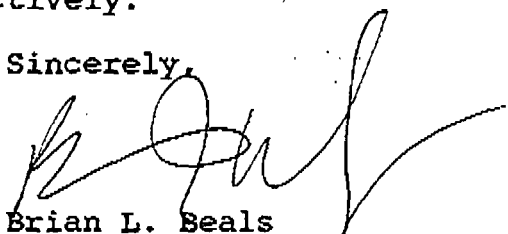
Dear Mr. Kuester:

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 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. The following actions have been taken:

1. Draft permit, including SO<sub>2</sub> compliance plan,  
issued for public comment  
(See page 1) November 4, 1994
  
2. SO<sub>2</sub> portion of permit finalized and issued December 27, 1994
  
3. Permit revised to activate the conditional SO<sub>2</sub>  
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<sub>x</sub> portion only, consistent  
with 40 CFR part 76 (as promulgated on April 13, 1995)  
(see page 3(a) and 4(a) and the NO<sub>x</sub> 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 SO<sub>2</sub> substitution plan for Units 1 and 2 and to terminate the NO<sub>x</sub> averaging plan for Units 1 and 2, issued as an administrative amendment  
(See page 3, 3(a), 4, and 4(a) and the SO<sub>2</sub> and NO<sub>x</sub> compliance plans)

Winston A. Smith for

12/14/95

*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

**Statement of Basis. Part B**

Plant Name: Lansing Smith  
 State: Florida  
 ORIS Code: 0643  
 Boiler ID#: 0001

**Phase I SO<sub>2</sub> 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

R. Scott Davis

Signature

12-11-95

Date

**Statement of Basis. Part B**

Page 3(a)

Plant Name: Lansing Smith  
State: Florida  
ORIS Code: 0643  
Boiler ID#: 0001

**NO<sub>x</sub> Compliance Plan**

R. SCOTT DAVIS

Permit Reviewer

R. Scott Davis

Signature

12-11-95

Date

**Statement of Basis. Part B**

Page 4

Plant Name: Lansing Smith  
 State: Florida  
 ORIS Code: 0643  
 Boiler ID#: 0002

**Phase I SO<sub>2</sub> 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	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 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

Permit Reviewer

R. Scott Davis

Signature

12-11-95

Date

**Statement of Basis. Part B**

Page 4(a)

Plant Name: Lansing Smith  
State: Florida  
ORIS Code: 0643  
Boiler ID#: 0002

**NO<sub>x</sub> Compliance Plan**

R. SCOTT DAVIS

Permit Reviewer

R. Scott Davis

Signature

12-11-95

Date



**Best Available Copy**

Gulf 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

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.

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,

A handwritten signature in black ink, appearing to read "M. L. Beals". The signature is fluid and cursive, with a large initial "M" and a stylized "L".

Attachments  
See Distribution List

DISTRIBUTION LIST

**RECEIVED**

DEC 1 1995

BUREAU OF  
AIR REGULATION

U. S. Environmental Protection Agency

R. Scott Davis

Florida Department of Environmental Protection

Thomas Cascio

Southern Company Services

Danny Herrin

Gulf Power Company

G. Edison Holland, Jr.

M. L. Gilchrist

J. A. Babbitt

C. R. Lee

W. T. Lyford, III

P. Parker

J. O. Vick

G. D. Waters

H. L. Witt

Mississippi Power Company

Rick Berry

Larry Ward

ATTACHMENT A

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

**Best Available Copy**



M. L. Gilchrist  
Manager of Fuel and Environmental Affairs

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

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  
Danny Herrin  
R. L. Dennis

*"Our business is customer satisfaction"*























ATTACHMENT B





# NO<sub>x</sub> Averaging Plan

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

This submission is:  New  Revised

**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	.75	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

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

≤

$$\frac{\sum_{i=1}^n (R_{Hi} \times HI_i)}{\sum_{i=1}^n HI_i}$$

Where,

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

$R_{Hi}$  = Applicable emission limitation for unit i, in lb/mmBtu, as specified in column (a) of Step 1;

$HI_i$  = Annual heat input for unit i, in mmBtu, as specified in column (c) of Step 1;

$n$  = Number of units in the averaging plan

BEST AVAILABLE COPY

Watson  
Plant Name from Step 1

STEP 3  
Mark one of the two options and enter dates

This plan is effective for calendar year \_\_\_\_\_ through calendar year \_\_\_\_\_

\_\_\_\_\_ unless notification to terminate the plan is given.

X Treat this plan as 5 identical plans, each effective for one calendar 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/mmBtu, 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 heat 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.

Termination

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.

Name Frederick D. Kuester
Signature Frederick D. Kuester
Date 11-28-95



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET N.E.  
ATLANTA GEORGIA 30365

DEC 21 1994

4APT-AEB

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

SUBJ: Final Phase I Acid Rain Permit

Dear Mr. Parsons:

Enclosed you will find the final Phase I Acid Rain permit 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 Federal Register on December 16, 1994.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Brian L. Beals".

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, 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:

- 1. Draft permit, including SO<sub>2</sub> compliance plan,  
issued for public comment  
(See page 1) November 4, 1994

**Present Action**

- 2. SO<sub>2</sub> portion of permit finalized and issued

*Winston A. Smith*

DEC 14 1994

*Signature*

*Date*

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

Facsimile: (404) 347-5207



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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 SO<sub>2</sub> 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.

*Winston A. Smith*

DEC 14 1994

*Signature*

*Date*

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

**Statement of Basis. Part A**

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. Scott Davis  
Signature

12-12-94  
Date

Plant Name: Lansing Smith  
 State: Florida  
 ORIS Code: 0643  
 Boiler ID#: 0001

**Phase I SO<sub>2</sub> 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 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  
 Permit Reviewer

R. Scott Davis  
 Signature

12-12-94  
 Date

Plant Name: Lansing Smith  
 State: Florida  
 ORIS Code: 0643  
 Boiler ID#: 0002

**Phase I SO<sub>2</sub> 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	*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 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 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

Permit Reviewer



Signature

12-12-94

Date





# Phase I Permit Application

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

This submission is:  New  Revised

Page 1 of 1

**RECEIVED**  
6-29-94

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

Plant Name	Lansing Smith	State	FL	ORIS Code	643
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## COMPLIANCE PLAN

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

### Table 1 Units

ID#	<input checked="" type="checkbox"/> Hold allowances in accordance with 40 CFR 72.9(d)(1)		
	<input type="checkbox"/> Substitution plan (include Substitution Plan form)		
	<input type="checkbox"/> Reduced utilization plan (include Reduced Utilization Plan form)		
	<input type="checkbox"/> 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)		
<table border="1"> <tr> <td>Plant Name</td> <td>State</td> </tr> </table>		Plant Name	State
Plant Name	State		

ID#	<input checked="" type="checkbox"/> Hold allowances in accordance with 40 CFR 72.9(d)(1)		
	<input type="checkbox"/> Substitution plan (include Substitution Plan form)		
	<input type="checkbox"/> Reduced utilization plan (include Reduced Utilization Plan form)		
	<input type="checkbox"/> 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)		
<table border="1"> <tr> <td>Plant Name</td> <td>State</td> </tr> </table>		Plant Name	State
Plant Name	State		

ID#	<input checked="" type="checkbox"/> Hold allowances in accordance with 40 CFR 72.9(d)(1)		
	<input type="checkbox"/> Substitution plan (include Substitution Plan form)		
	<input type="checkbox"/> Reduced utilization plan (include Reduced Utilization Plan form)		
	<input type="checkbox"/> 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)		
<table border="1"> <tr> <td>Plant Name</td> <td>State</td> </tr> </table>		Plant Name	State
Plant Name	State		

ID#	<input checked="" type="checkbox"/> Hold allowances in accordance with 40 CFR 72.9(d)(1)		
	<input type="checkbox"/> Substitution plan (include Substitution Plan form)		
	<input type="checkbox"/> Reduced utilization plan (include Reduced Utilization Plan form)		
	<input type="checkbox"/> 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)		
<table border="1"> <tr> <td>Plant Name</td> <td>State</td> </tr> </table>		Plant Name	State
Plant Name	State		

**BEST AVAILABLE COPY**

**Non-Table 1 Units**

ID# 1

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

Plant Name	Crist	State	FL
Plant Name		State	

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

Plant Name		State	
Plant Name		State	

ID# 2

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

Plant Name	Crist	State	FL
Plant Name		State	

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

Plant Name		State	
Plant Name		State	

ID#

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

Plant Name		State	
Plant Name		State	

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

Plant Name		State	
Plant Name		State	

Lansing Smith

Plant Name (from Step 1)

**STEP 3**

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

**Standard Requirements****Permit Requirements.**

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

**Monitoring Requirements.**

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

**Sulfur Dioxide Requirements.**

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

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

**Excess Emissions Requirements.**

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

**Recordkeeping and Reporting Requirements.**

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

Plant Name (from Step 1)	Lansing Smith
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Recordkeeping and Reporting Requirements (cont.)

- (d) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- (ii) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.

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

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

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

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

DATE: 6/23/94



# Substitution Plan

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

This submission is:  New  Revised

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9-8-94

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

Table 1 Units

Plant Name	State	Boiler ID#
Crist	FL	7

Substitution Units

Plant Name	State	Boiler ID#	Table 1 Units
Scholz	FL	1	a
Scholz	FL	2	a
Crist	FL	4	a
Crist	FL	5	a
Lansing Smith	FL	1	a
Lansing Smith	FL	2	a

**STEP 2**  
Enter baselines (see special instructions)

3691249 mmBtu	3826391 mmBtu	4460224 mmBtu	4395842 mmBtu	10983506 mmBtu	12607585 mmBtu
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**STEP 3**  
Enter the lesser of the 1985 actual or allowable SO<sub>2</sub> emissions rate from NADB. Do not round

4.4871 lbs/mmBtu	4.4803 lbs/mmBtu	4.4628 lbs/mmBtu	4.2650 lbs/mmBtu	1.1069 lbs/mmBtu	1.1483 lbs/mmBtu
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**STEP 4**  
Multiply Step 2 and Step 3 entries, divide by 2000, and round to the nearest ton

8282 tons	8572 tons	9953 tons	9374 tons	6079 tons	7239 tons
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**STEP 5**  
Mark one of the two options and enter date, if applicable

- The effective date of this plan is January 1, 1993
- This plan is for conditional approval. The designated representative will notify the Agency of activation not later than 60 days before the allowance transfer deadline applicable to the first year for which the plan is to be in effect. Go to Step 7.

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

- The last date this plan will be in effect is December 31, 1993 unless notification to terminate the plan prior to that date is given
- The last date of the plan is not known. The plan will be effective until December 31, 1999, unless the designated representative notifies the Agency of termination of the plan prior to that date.

**STEP 7**

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

**Special Provisions**

Emissions Limitations.

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

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

Termination.

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

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

(iii) If the requirements of 40 CFR 72.41(e)(2)(ii) are met and upon revision of the permit to terminate the substitution plan, the Administrator will deduct the allowances specified in 40 CFR 72.41(e)(2)(ii)(B). No substitution plan shall be terminated, and no unit shall be de-designated as a Phase I unit, unless such deduction is made.

(iv) Change of owner or operator. If there is a change in the owner or operators (which includes for purposes of this section the designated representative) of any unit governed by an approved substitution plan and the requirement under 40 CFR 72.41(b)(1)(i) is no longer met, then the designated representatives of the units governed by the plan shall terminate the plan as of January 1 of the calendar year during which the change was made. If the designated representatives fail to terminate the plan, the Administrator, on his own motion, shall terminate the plan and deduct the allowances required to be surrendered under 40 CFR 72.41(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.

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

**RECEIVED**  
9-16-94

Worksheet for Substitution Plans

BEST AVAILABLE COPY

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):

**STEP A**  
Enter the 1990 SO<sub>2</sub> emissions  
(to 2 decimal places)

8835.53 <small>tons</small>	8615.35 <small>tons</small>	11032.66 <small>tons</small>	8053.21 <small>tons</small>	16061.47 <small>tons</small>	23195.85 <small>tons</small>
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**STEP B**  
Enter the 1990 boiler total  
heat input

3958079.60 <small>mmBtu</small>	3859575.80 <small>mmBtu</small>	4756386.20 <small>mmBtu</small>	3491200.00 <small>mmBtu</small>	7185227.20 <small>mmBtu</small>	10498836.40 <small>mmBtu</small>
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**STEP C**  
Divide Step A by Step B,  
multiply by 2000, and enter  
result (to 4 decimal places)

4.4646 <small>lb/mmBtu</small>	4.4644 <small>lb/mmBtu</small>	4.6391 <small>lb/mmBtu</small>	4.6134 <small>lb/mmBtu</small>	4.4707 <small>lb/mmBtu</small>	4.4187 <small>lb/mmBtu</small>
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**STEP D**  
Enter the 1990 SO<sub>2</sub> emissions  
(to 2 decimal places)

7152.17 <small>tons</small>	6534.02 <small>tons</small>	9717.93 <small>tons</small>	9411.43 <small>tons</small>	16053.01 <small>tons</small>	17957.88 <small>tons</small>
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**STEP E**  
Enter the 1990 boiler total  
heat input

3187895.40 <small>mmBtu</small>	2916775.40 <small>mmBtu</small>	4282649.80 <small>mmBtu</small>	4142998.40 <small>mmBtu</small>	7233538.40 <small>mmBtu</small>	8131163.40 <small>mmBtu</small>
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**STEP F**  
Divide Step D by Step E,  
multiply by 2000, and enter  
result (to 4 decimal places)

4.4871 <small>lb/mmBtu</small>	4.4803 <small>lb/mmBtu</small>	4.5383 <small>lb/mmBtu</small>	4.5433 <small>lb/mmBtu</small>	4.4385 <small>lb/mmBtu</small>	4.4171 <small>lb/mmBtu</small>
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**STEP G**  
Enter the most stringent SO<sub>2</sub>  
emission limit that was  
adopted or promulgated as of  
11/15/90 and that is applicable  
to the unit during Phase I

6.17 <small>lb/mmBtu</small>	6.17 <small>lb/mmBtu</small>	5.9 <small>lb/mmBtu</small>	5.9 <small>lb/mmBtu</small>	6.17 <small>lb/mmBtu</small>	6.17 <small>lb/mmBtu</small>
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**STEP H**  
Enter the lesser of the 1990  
actual or allowable SO<sub>2</sub>  
emission rate from NAD8

4.8053 <small>lb/mmBtu</small>	4.8057 <small>lb/mmBtu</small>	4.4628 <small>lb/mmBtu</small>	4.2650 <small>lb/mmBtu</small>	1.1069 <small>lb/mmBtu</small>	1.1483 <small>lb/mmBtu</small>
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**STEP I**  
Enter the greater of Step C  
and Step F

4.4871 <small>lb/mmBtu</small>	4.4803 <small>lb/mmBtu</small>	4.6391 <small>lb/mmBtu</small>	4.6134 <small>lb/mmBtu</small>	4.4707 <small>lb/mmBtu</small>	4.4187 <small>lb/mmBtu</small>
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**STEP J**  
Enter the lesser of Steps G, H,  
and I here and at Step 3 on  
the Substitution Plan form

4.4871 <small>lb/mmBtu</small>	4.4803 <small>lb/mmBtu</small>	4.4628 <small>lb/mmBtu</small>	4.2650 <small>lb/mmBtu</small>	1.1069 <small>lb/mmBtu</small>	1.1483 <small>lb/mmBtu</small>
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Certification

**STEP K**  
Read the certification, sign and date

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 <i>Earl B. Parsons Jr.</i>	Date 8/31/94
Name	
Signature	Date
Name	
Signature	Date
Name	
Signature	Date

**Instructions**

**Steps A, B, D, and E**

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

**Step G**

Choose from all unit-specific SO<sub>2</sub> emission limits (including federal, state, or local limits, converted to lb/year, where necessary) that apply to the unit, will be effective during Phase I (1995-1999), and were adopted or promulgated as of November 15, 1990.

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

If the unit is subject to a non-unit-specific SO<sub>2</sub> 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.

By other submission  
shall submit the  
under 40 C.F.R.

APPENDIX B

Notification of Waiver

The undersigned Designated Representative for Lansing 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.  
Earl B. Parsons, Jr.  
Designated Representative

DATE: 6/23/94



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

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

NOV 09 1994

4APT-AEB

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

SUBJ: Draft Phase I Acid Rain Permit

Dear Mr. Parsons:

Enclosed you will find the draft Phase I Acid Rain permit 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 Federal Register on November 4, 1994.

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

Sincerely,

A handwritten signature in cursive script that reads "Brian L. Beals".

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)

RECEIVED

NOV 15 1994

Bureau of  
Air Regulation



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**

1. Draft permit, including SO<sub>2</sub> compliance plan, issued for public comment  
(See page 1)

Bruce P. Miller for

11/3/94

*Signature*

*Date*

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



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 SO<sub>2</sub> 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.

Bruce P. Miller for

*Signature*

11/3/94

*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. Scott Davis  
Signature

11-1-94  
Date

Plant Name: Lansing Smith  
 State: Florida  
 ORIS Code: 0643  
 Boiler ID#: 0001

**Phase I SO<sub>2</sub> 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  
 Permit Reviewer

*R. Scott Davis*  
 Signature

11-1-94  
 Date

**Statement of Basis. Part B**

Plant Name: Lansing Smith  
State: Florida  
ORIS Code: 0643  
Boiler ID#: 0002

**Phase I SO<sub>2</sub> 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	*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 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 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



Signature

11-1-94

Date





# Phase I Permit Application

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

This submission is:  New  Revised

Page  of

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

Plant Name	Lansing Smith	State	FL	ORIS Code	643
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## COMPLIANCE PLAN

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

Table 1 Units

ID#	<input checked="" type="checkbox"/> Hold allowances in accordance with 40 CFR 72.9(d)(1)
	<input type="checkbox"/> Substitution plan (include Substitution Plan form)
	<input type="checkbox"/> Reduced utilization plan (include Reduced Utilization Plan form)
	<input type="checkbox"/> Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)
	Plant Name _____ State _____

ID#	<input checked="" type="checkbox"/> Hold allowances in accordance with 40 CFR 72.9(d)(1)
	<input type="checkbox"/> Substitution plan (include Substitution Plan form)
	<input type="checkbox"/> Reduced utilization plan (include Reduced Utilization Plan form)
	<input type="checkbox"/> Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)
	Plant Name _____ State _____

ID#	<input checked="" type="checkbox"/> Hold allowances in accordance with 40 CFR 72.9(d)(1)
	<input type="checkbox"/> Substitution plan (include Substitution Plan form)
	<input type="checkbox"/> Reduced utilization plan (include Reduced Utilization Plan form)
	<input type="checkbox"/> Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)
	Plant Name _____ State _____

ID#	<input checked="" type="checkbox"/> Hold allowances in accordance with 40 CFR 72.9(d)(1)
	<input type="checkbox"/> Substitution plan (include Substitution Plan form)
	<input type="checkbox"/> Reduced utilization plan (include Reduced Utilization Plan form)
	<input type="checkbox"/> Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)
	Plant Name _____ State _____

Plant Name (from Step 1) **Lansing Smith**

Non-Table 1 Units

ID# **1**

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

Plant Name <b>Crist</b>	State <b>FL</b>
Plant Name	State

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

Plant Name	State
Plant Name	State

ID# **2**

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

Plant Name <b>Crist</b>	State <b>FL</b>
Plant Name	State

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

Plant Name	State
Plant Name	State

ID#

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

Plant Name	State
Plant Name	State

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

Plant Name	State
Plant Name	State

Plant Name (from Step 1)

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

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

**Excess Emissions Requirements.**

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

**Recordkeeping and Reporting Requirements.**

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

Lansing Smith

Plant Name (from Step 1)

Recordkeeping and Reporting Requirements (cont.)

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

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

Liability.

(i) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.

(ii) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.

(iii) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.

(iv) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.

(v) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.

(vi) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.41 (substitution plans), 40 CFR 72.42 (Phase I extension plans), 40 CFR 72.43 (reduced utilization plans), 40 CFR 72.44 (Phase II repowering extension plans), and section 407 of the Act and regulations implementing section 407 of the Act, and except with regard to the requirements applicable to units with a common stack under part 75 of this chapter (including sections 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.

(vii) Each violation of a provision of 40 CFR parts 72, 73, 75, 77, and 78, and regulations implementing sections 407 and 410 of the Act by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

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

(i) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans.

(ii) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act.

(iii) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law.

(iv) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act.

(v) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

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

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

AIRS
FINDS

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

APPENDIX B

Notification of Waiver

The undersigned Designated Representative for <sup>Lansing</sup> 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.  
Earl B. Parsons, Jr.  
Designated Representative

DATE: 6/23/94



# Substitution Plan

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9-8-94

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

This submission is:  New  Revised

Page **1** of **1**

**STEP 1**

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

**Table 1 Units**

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

**Substitution Units**

Plant Name	State	Boiler ID#	Table 1 Units
a Scholz	FL	1	a
b Scholz	FL	2	a
c Crist	FL	4	a
d Crist	FL	5	a
e Lansing Smith	FL	1	a
f Lansing Smith	FL	2	a

**STEP 2**

Enter baseline (see special instructions)

3691249 mmBtu	3826391 mmBtu	4460224 mmBtu	4395842 mmBtu	10983506 10983500 mmBtu	12607585 12607580- mmBtu
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**STEP 3**

Enter the lesser of the 1985 actual or allowable SO<sub>2</sub> emissions rate from NADB. Do not round

4.4871 lbs/mmBtu	4.4803 lbs/mmBtu	4.4628 lbs/mmBtu	4.2650 lbs/mmBtu	1.1069 lbs/mmBtu	1.1483 lbs/mmBtu
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**STEP 4**

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

8282 tons	8572 tons	9953 tons	9374 tons	6079 tons	7239 tons
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**STEP 5**

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

- The effective date of this plan is January 1, 199
- This plan is for conditional approval. The designated representative will notify the Agency of activation not later than 60 days before the allowance transfer deadline applicable to the first year for which the plan is to be in effect. Go to Step 7.

**STEP 6**

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

- The last date this plan will be in effect is December 31, 199  unless notification to terminate the plan prior to that date is given
- The last date of the plan is not known. The plan will be effective until December 31, 1999, unless the designated representative notifies the Agency of termination of the plan prior to that date.

**STEP 7**

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

**Special Provisions**

**Emissions Limitations.**

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

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

**Termination.**

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

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

(iii) If the requirements of 40 CFR 72.41(e)(2)(ii) are met and upon revision of the permit to terminate the substitution plan, the Administrator will deduct the allowances specified in 40 CFR 72.41(e)(2)(ii)(B). No substitution plan shall be terminated, and no unit shall be de-designated as a Phase I unit, unless such deduction is made.

(iv) Change of owner or operator. If there is a change in the owners or operators (which includes for purposes of this section the designated representative) of any unit governed by an approved substitution plan and the requirement under 40 CFR 72.41(b)(1)(i) is no longer met, then the designated representatives of the units governed by the plan shall terminate the plan as of January 1 of the calendar year during which the change was made. If the designated representatives fail to terminate the plan, the Administrator, on his own motion, shall terminate the plan and deduct the allowances required to be surrendered under 40 CFR 72.41(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.

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

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9-16-94

Worksheet for Substitution Plans

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

**STEP A**  
Enter the 1990 SO<sub>2</sub> emissions (to 2 decimal places)

8835.53 <small>tons</small>	8615.35 <small>tons</small>	11032.66 <small>tons</small>	8053.21 <small>tons</small>	16061.47 <small>tons</small>	23195.85 <small>tons</small>
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**STEP B**  
Enter the 1990 boiler total heat input

3958079.60 <small>mmBtu</small>	3859575.80 <small>mmBtu</small>	4756386.20 <small>mmBtu</small>	3491200.00 <small>mmBtu</small>	7185227.20 <small>mmBtu</small>	10498836.40 <small>mmBtu</small>
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**STEP C**  
Divide Step A by Step B, multiply by 2000, and enter result (to 4 decimal places)

4.4646 <small>lb/mmBtu</small>	4.4644 <small>lb/mmBtu</small>	4.6391 <small>lb/mmBtu</small>	4.6134 <small>lb/mmBtu</small>	4.4707 <small>lb/mmBtu</small>	4.4187 <small>lb/mmBtu</small>
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**STEP D**  
Enter the 1990 SO<sub>2</sub> emissions (to 2 decimal places)

7152.17 <small>tons</small>	6534.02 <small>tons</small>	9717.93 <small>tons</small>	9411.43 <small>tons</small>	16053.01 <small>tons</small>	17957.88 <small>tons</small>
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**STEP E**  
Enter the 1990 boiler total heat input

3187895.40 <small>mmBtu</small>	2916775.40 <small>mmBtu</small>	4282649.80 <small>mmBtu</small>	4142998.40 <small>mmBtu</small>	7233538.40 <small>mmBtu</small>	8131163.40 <small>mmBtu</small>
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**STEP F**  
Divide Step D by Step E, multiply by 2000, and enter result (to 4 decimal places)

4.4871 <small>lb/mmBtu</small>	4.4803 <small>lb/mmBtu</small>	4.5383 <small>lb/mmBtu</small>	4.5433 <small>lb/mmBtu</small>	4.4385 <small>lb/mmBtu</small>	4.4171 <small>lb/mmBtu</small>
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**STEP G**  
Enter the most stringent SO<sub>2</sub> emission limit that was adopted or promulgated as of 11/15/90 and that is applicable to the unit during Phase I

6.17 <small>lb/mmBtu</small>	6.17 <small>lb/mmBtu</small>	5.9 <small>lb/mmBtu</small>	5.9 <small>lb/mmBtu</small>	6.17 <small>lb/mmBtu</small>	6.17 <small>lb/mmBtu</small>
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**STEP H**  
Enter the lesser of the 1990 actual or allowable SO<sub>2</sub> emission rate from NADS

4.8053 <small>lb/mmBtu</small>	4.8057 <small>lb/mmBtu</small>	4.4628 <small>lb/mmBtu</small>	4.2650 <small>lb/mmBtu</small>	1.1069 <small>lb/mmBtu</small>	1.1483 <small>lb/mmBtu</small>
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**STEP I**  
Enter the greater of Step C and Step F

4.4871 <small>lb/mmBtu</small>	4.4803 <small>lb/mmBtu</small>	4.6391 <small>lb/mmBtu</small>	4.6134 <small>lb/mmBtu</small>	4.4707 <small>lb/mmBtu</small>	4.4187 <small>lb/mmBtu</small>
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**STEP J**  
Enter the lesser of Steps G, H, and I here and at Step 3 on the Substitution Plan form

4.4871 <small>lb/mmBtu</small>	4.4803 <small>lb/mmBtu</small>	4.4628 <small>lb/mmBtu</small>	4.2650 <small>lb/mmBtu</small>	1.1069 <small>lb/mmBtu</small>	1.1483 <small>lb/mmBtu</small>
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**STEP K**  
Read the certification, sign and date

**Certification**

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

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

**Instructions**

**Steps A, B, D, and E**

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

**Step G**

Choose from all unit-specific SO<sub>2</sub> emission limits (including federal, state, or local limits, converted to lb/hr/limits, where necessary) that apply to the unit, will be effective during Phase I (1995-1999), and were adopted or promulgated as of November 15, 1990.

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

If the unit is subject to a non-unit-specific SO<sub>2</sub> 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.

Any other submission  
of the Acid Rain Program  
source shall submit the  
case under 40 C.F.R.

APPENDIX B

Notification of Waiver

The undersigned Designated Representative for Lansing 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.  
Earl B. Parsons, Jr.  
Designated Representative

DATE: 6/23/94