



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

*Gulf Power*

*SCHOLZ PLANT*

*0630014*

NOV 27 1996

4APT-ARB

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

**RECEIVED**

DEC 2 1996

BUREAU OF  
 AIR REGULATION

Dear Mr. Kuester:

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

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

Sincerely,

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

Enclosure

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



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

REGION 4

ATLANTA FEDERAL CENTER

100 ALABAMA STREET, S.W.

ATLANTA, GEORGIA 30303-3104

## **PHASE I ACID RAIN PERMIT**

Issued to: Gulf Power Company-Scholz  
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
5. NO<sub>x</sub> portion of permit revised to reflect changes in the  
draft NO<sub>x</sub> averaging plan for Units 1 and 2, issued as a  
permit modification  
(see page 3(a) and 4(a) and the NO<sub>x</sub> compliance plan) December 14, 1995
6. Permit revised to include a SO<sub>2</sub> reduced utilization plan for  
Units 1 and 2, issued as an administrative amendment  
(See page 3 and 4 and the SO<sub>2</sub> compliance plan) December 14, 1995



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

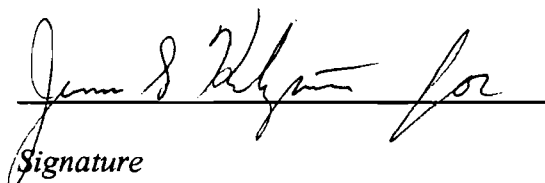
REGION 4

ATLANTA FEDERAL CENTER  
100 ALABAMA STREET, S.W.  
ATLANTA, GEORGIA 30303-3104

Plant Name: Scholz  
State: Florida  
ORIS Code: 0642

**Present Action**

7. Permit revised to include a SO<sub>2</sub> reduced utilization plan for Units 1 and 2, issued as an administrative amendment (see page 3 and 4 and the SO<sub>2</sub> compliance plan)

  
\_\_\_\_\_  
*Signature*

11/12/96  
*Date*

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

Plant Name: Scholz  
 State: Florida  
 ORIS Code: 0642  
 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	8,282	8,282	8,282	8,282	8,282
Reduced Utilization 40 CFR 72.43	0	0	0	0	0

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

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

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

1. EPA approves a substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. This substitution unit will receive the allowances indicated above. In this plan, Scholz Unit 2, Crist Unit 4 and Unit 5, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.

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

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

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

R. SCOTT DAVIS  
 Permit Reviewer

*R. Scott Davis*  
 Signature

11-7-96  
 Date

Plant Name: Scholz  
State: Florida  
ORIS Code: 0642  
Boiler ID#: 0001

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

EPA approves a nitrogen oxides emissions averaging plan for this unit for 1996-1999. For each year under the plan, this unit's actual annual average emission rate for NO<sub>x</sub> shall not exceed the alternative contemporaneous annual emission limitation of 0.70 lbs/mmBtu, and this unit's actual annual heat input shall not be greater than the annual heat input limit of 723,608 mmBtu.

The other units designated in the plan are Scholz Unit 2, Watson Unit 4 and Unit 5, Daniel Unit 1 and Unit 2, and Crist Unit 4, Unit 5, and Unit 6. Under the plan, the actual Btu-weighted annual average emission rate for the units in the plan shall be 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 limitation in 40 CFR 76.5. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.

R. SCOTT DAVIS  
Permit Reviewer

R. Scott Davis  
Signature

11-7-96  
Date

Plant Name: Scholz  
 State: Florida  
 ORIS Code: 0642  
 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	8,572	8,572	8,572	8,572	8,572
Reduced Utilization 40 CFR 72.43	0	0	0	0	0

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

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

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

1. EPA approves a substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. This substitution unit will receive the allowances indicated above. In this plan, Scholz Unit 1, Crist Unit 4 and Unit 5, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.

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

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

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

R. SCOTT DAVIS

Permit Reviewer

  
 Signature

11-7-96

Date

Plant Name: Scholz  
State: Florida  
ORIS Code: 0642  
Boiler ID#: 0002

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

EPA approves a nitrogen oxides emissions averaging plan for this unit for 1996-1999. For each year under the plan, this unit's actual annual average emission rate for NO<sub>x</sub> shall not exceed the alternative contemporaneous annual emission limitation of 0.75 lbs/mmBtu, and this unit's actual annual heat input shall not be greater than the annual heat input limit of 731,528 mmBtu.

The other units designated in the plan are Scholz Unit 1, Watson Unit 4 and Unit 5, Daniel Unit 1 and Unit 2, and Crist Unit 4, Unit 5, and Unit 6. Under the plan, the actual Btu-weighted annual average emission rate for the units in the plan shall be 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 limitation in 40 CFR 76.5. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.

R. SCOTT DAVIS

Permit Reviewer

R. Scott Davis

Signature

11-7-96

Date

Gulf Power Company  
500 Bayfront Parkway  
Post Office Box 1151  
Pensacola, FL 32520  
Telephone 904 444-6111



Certified Mail

November 4, 1996

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

**RECEIVED**  
NOV 07 1996  
BUREAU OF  
AIR REGULATION

Dear Mr. Brown:

GULF POWER COMPANY  
1996 REDUCED UTILIZATION PLAN  
PLANT CRIST (ORIS CODE 641)  
PLANT SCHOLZ (ORIS CODE 642)  
PLANT LANSING SMITH (ORIS CODE 643)

Enclosed please find a completed Southern Company Reduced Utilization Plan for forty-nine (49) Phase I Acid Rain affected units for 1996. Included in the list are Phase I units located in Florida and operated by Gulf Power Company.

The changes from the 1995 plan are as follows:

- 1) Changed effective date to 01/01/96. Changed termination date to 12/31/99.
- 2) Revised plan to include expected 1996 substitution units. (No changes at Gulf).
- 3) Plan intent to rely on energy conservation under Step 4 (i.e., heat rate improvements at non-affected units.)

If you have any questions or need further information concerning Gulf's Phase I or II Acid Rain applications or permits, please call me or Dwain Waters at (904) 444-6527.

Sincerely,

J. O. Vick  
by  
D. Waters

Attachment (1)



Southern Company Services, Inc.  
Research and Environmental Affairs 14N-8195  
600 North 18th Street  
Post Office Box 2625  
Birmingham, Alabama 35202  
Telephone (205) 870-6468  
Telecopy (205) 877-7294

W. D. (Danny) Herrin  
Manager  
Clean Air Compliance



Southern Company Services

*a subsidiary of The Southern Company*

October 1, 1996

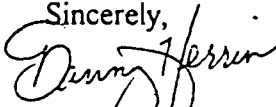
Mr. Brian L. Beals, Chief  
U.S. Environmental Protection Agency  
Acid Rain Contact  
Air Enforcement Branch  
345 Courtland Street, N.E.  
Atlanta, Georgia 30365

Dear Mr. Beals:

The Southern Company hereby submits the equivalent of forty-nine (49) Reduced Utilization Plans for the Phase I units listed in Attachment 1. This list includes all Table A Phase I units and currently active substitution units at Alabama Power Company, Georgia Power Company, Gulf Power Company, Mississippi Power Company and Savannah Electric and Power Company. Under each plan, the Phase I unit would rely on sulfur-free generation from the generators shown in Attachment 2, on improved unit efficiency, and on supply-side energy conservation measures (i.e., heat rate improvements at generating units other than those for which these plans are being submitted). As we have discussed with you, the approach of submitting only one form for all of our Phase I units is intended to streamline the revision process.

In addition, to reflect our intent to utilize a Reduced Utilization plan as a part of the compliance plan for these units, we hereby revise the Phase I Permit Applications for each unit listed in Attachment 1 by the signature of the Designated Representatives on the Reduced Utilization Plan(s). We will provide notification of any units that have been removed from Attachment 1 on or prior to the December 1, 1996 deadline.

If you have any questions, please contact me at (205)870-6468.

Sincerely,  
  
W. D. Herrin

/slm  
Attachment

October 1, 1996

Page 2

cc: Alabama Power Company

Earl B. Parsons, Jr.

Willard Bowers

Anthony Marino

Georgia Power Company

R. H. Haubein, Jr.

C. M. Hobson

W. R. Evans

Gulf Power Company

Ed Holland, Jr.

J. O. Vick

Glenn D. Waters

Mississippi Power Company

Frederick D. Kuester

C. R. Berry

Larry Ward

Savannah Electric and Power Company

Richard J. Koch

Lamar Keller



# Reduced Utilization Plan

For more information, see instructions and refer to 40 CFR 72.43

This submission is:  New  Revised

Page  of

**STEP 1**  
Identify the Phase I unit for which reduced utilization is planned by plant name, State and boiler ID# from NADB

Plant Name	See Attachment 1 (Page 4)	State	Boiler ID#
------------	---------------------------	-------	------------

**STEP 2**  
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 4.

**STEP 3**  
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 4**  
Mark one or more of the following options and complete the table, if applicable

- This plan relies on energy conservation measures to account for reduced utilization. Full verification will be completed annually according to the requirements of Subpart I of part 72.
- This plan relies on improved unit efficiency measure(s) to account for reduced utilization. Full verification will be completed annually according to the requirements of Subpart I of part 72.
- This plan designates a compensating unit or relies on sulfur-free generation to account for reduced utilization. (If this option is marked, enter information for each compensating unit or sulfur-free generator in the following table - see instructions.)

1. ORIS Code	2. Plant Name	3. Boiler ID#	4. Allocation for Compensating Units	5. Different System?	6. Another Source?
	See Attachment 2 (Page 5-7)	a			
		b			
		c			
		d			
		e			
		f			

**STEP 5**  
Mark box if "Yes" is marked in Step 4, column 5

- Additional information is included for each compensating unit or sulfur-free generator not in the dispatch system of the unit reducing utilization under the plan, including copies of system directives or power purchase agreements or other contractual agreements governing the purchase of compensating generation by each unit.

**STEP 6**  
If any sulfur-free generator in Step 4 table will be designated to provide compensating generation for another source ("yes" in column 6), enter the letter for that generator from the table. Identify the Phase I units at other sources for which it will provide compensating generation by entering plant name, ORIS Code, and boiler ID# from NADB

Unit	Plant Name	ORIS Code	Boiler ID#
<input type="checkbox"/>	See Attachment 3 (Pages 8-10)		
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			

**STEP 7**

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) Any compensating unit designated under an approved reduced utilization plan shall become a Phase I unit from January 1 of the calendar year in which the plan takes effect until January 1 of the year for which the plan is no longer in effect or is terminated, except that such unit shall not become subject to the Acid Rain emissions limitations for nitrogen oxides in Phase I under section 407 of the Act and regulations implementing section 407 of the Act.
- (ii) The designated representative of any Phase I unit (including a unit governed by a reduced utilization plan relying on energy conservation, improved unit efficiency, sulfur-free generation, or a compensating unit) shall surrender allowances, and the Administrator will deduct or return allowances, in accordance with 40 CFR part 72 subpart I.

**Reporting Requirements.** The designated representative of any Phase I unit (including a unit governed by a reduced utilization plan relying on energy conservation, improved unit efficiency, sulfur-free generation, or a compensating unit) shall comply with the special reporting requirements for such plans under 40 CFR 72.91 and 72.92.

**Liability.** The owners and operators of a unit governed by an approved reduced utilization plan shall be liable for any violation of the plan or this section at that or any other unit governed by the plan, including liability for fulfilling the obligations specified in 40 CFR part 77 and section 411 of the Act.

**Termination.**

- (i) A reduced utilization 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 reduced utilization plan that designates a compensating unit that serves as a control unit under a Phase I extension plan shall be terminated, and no such unit shall be de-designated as a compensating unit, before the end of Phase I.
- (ii) To terminate a reduced utilization plan for a given calendar year prior to its last year for which the plan was approved:

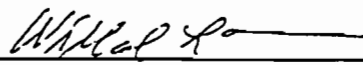
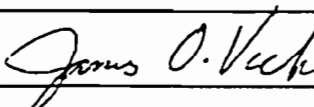

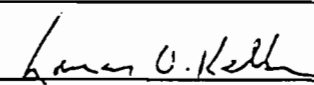
(a) A notification to terminate in accordance with 40 CFR 72.40(d) shall be submitted no later than 60 days before the allowance transfer deadline applicable to the given year; and

(b) In the notification to terminate, the designated representative of any compensating 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 72.43(d) to each compensating unit for the 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 72.43(f)(3)(ii) are met and upon revision of the permit to terminate the reduced utilization plan, the Administrator will deduct the allowances specified in 40 CFR 72.43(f)(3)(ii)(B). No reduced utilization plan shall be terminated, and no unit shall be de-designated as a Phase I unit, unless such deduction is made.

**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	WILLARD L. BOWERS	
Signature		Date 10/2/96
Name	James O. Vick	
Signature		Date 10/7/96
Name	C.R. Berry	
Signature		Date 10/9/96
Name	Lamar O. Keller LAMAR O. KELLER	
Signature		Date 10/11/96

**STEP 7**  
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) Any compensating unit designated under an approved reduced utilization plan shall become a Phase I unit from January 1 of the calendar year in which the plan takes effect until January 1 of the year for which the plan is no longer in effect or is terminated, except that such unit shall not become subject to the Acid Rain emissions limitations for nitrogen oxides in Phase I under section 407 of the Act and regulations implementing section 407 of the Act.
- (ii) The designated representative of any Phase I unit (including a unit governed by a reduced utilization plan relying on energy conservation, improved unit efficiency, sulfur-free generation, or a compensating unit) shall surrender allowances, and the Administrator will deduct or return allowances, in accordance with 40 CFR part 72 subpart I.

Reporting Requirements. The designated representative of any Phase I unit (including a unit governed by a reduced utilization plan relying on energy conservation, improved unit efficiency, sulfur-free generation, or a compensating unit) shall comply with the special reporting requirements for such plans under 40 CFR 72.91 and 72.92.

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

Termination.

- (i) A reduced utilization 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 reduced utilization plan that designates a compensating unit that serves as a control unit under a Phase I extension plan shall be terminated, and no such unit shall be de-designated as a compensating unit, before the end of Phase I.
- (ii) To terminate a reduced utilization plan for a given calendar year prior to its 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 any compensating 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 72.43(d) to each compensating unit for the 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 72.43(f)(3)(ii) are met and upon revision of the permit to terminate the reduced utilization plan, the Administrator will deduct the allowances specified in 40 CFR 72.43(f)(3)(ii)(B). No reduced utilization plan shall be terminated, and no unit shall be de-designated as a Phase I unit, unless such deduction is made.

**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 <i>Chris M. Hobson</i>	
Signature <i>CMH</i>	Date <i>10/14/96</i>
Name	
Signature	Date
Name	
Signature	Date
Name	
Signature	Date

## Attachment 1 of Reduced Utilization Plan Form

Plant Name	State	Boiler id #	ORIS Code
Gadsden	AL	1	7
Gadsden	AL	2	7
E C Gaston	AL	1	26
E C Gaston	AL	2	26
E C Gaston	AL	3	26
E C Gaston	AL	4	26
E C Gaston	AL	5	26
Arkwright	GA	1	699
Arkwright	GA	2	699
Arkwright	GA	3	699
Arkwright	GA	4	699
Bowen	GA	1BLR	703
Bowen	GA	2BLR	703
Bowen	GA	3BLR	703
Bowen	GA	4BLR	703
Harilee Branch	GA	1	709
Harilee Branch	GA	2	709
Harilee Branch	GA	3	709
Harilee Branch	GA	4	709
Hammond	GA	1	708
Hammond	GA	2	708
Hammond	GA	3	708
Hammond	GA	4	708
Jack McDonough	GA	MB1	710
Jack McDonough	GA	MB2	710
Mitchell	GA	3	727
Wansley	GA	1	6052
Wansley	GA	2	6052
Yates	GA	Y1BR	728
Yates	GA	Y2BR	728
Yates	GA	Y3BR	728
Yates	GA	Y4BR	728
Yates	GA	Y5BR	728
Yates	GA	Y6BR	728
Yates	GA	Y7BR	728
Port Wentworth (Kraft)	GA	1	733
Port Wentworth (Kraft)	GA	2	733
Port Wentworth (Kraft)	GA	3	733
McIntosh	GA	1	6124
Crist	FL	4	641
Crist	FL	5	641
Crist	FL	6	641
Crist	FL	7	641
Scholz	FL	1	642
Scholz	FL	2	642
Victor J Daniel Jr	MS	1	6073
Victor J Daniel Jr	MS	2	6073
Jack Watson	MS	4	2049
Jack Watson	MS	5	2049

## Attachment 2 of Reduced Utilization Plan Form

1. ORIS Code	2. Plant Name	3. Boiler id #	4. Allocation for Compensating Units	5. Different System?	6. Another Source?
	Farley	a	1	No	Yes
	Farley	b	2	No	Yes
	Bankhead	c	1	No	Yes
	Bouldin	d	1	No	Yes
	Bouldin	e	2	No	Yes
	Bouldin	f	3	No	Yes
	Harris	g	1	No	Yes
	Harris	h	2	No	Yes
	Henry	i	1	No	Yes
	Henry	j	2	No	Yes
	Henry	k	3	No	Yes
	Holt	l	1	No	Yes
	Jordan	m	1	No	Yes
	Jordan	n	2	No	Yes
	Jordan	o	3	No	Yes
	Jordan	p	4	No	Yes
	Lay	q	1	No	Yes
	Lay	r	2	No	Yes
	Lay	s	3	No	Yes
	Lay	t	4	No	Yes
	Lay	u	5	No	Yes
	Lay	v	6	No	Yes
	Logan Martin	w	1	No	Yes
	Logan Martin	x	2	No	Yes
	Logan Martin	y	3	No	Yes
	Martin	z	1	No	Yes
	Martin	aa	2	No	Yes
	Martin	bb	3	No	Yes
	Martin	cc	4	No	Yes
	Mitchell	dd	4	No	Yes
	Mitchell	ee	5	No	Yes
	Mitchell	ff	6	No	Yes
	Mitchell	gg	7	No	Yes
	Smith	hh	1	No	Yes
	Smith	ii	2	No	Yes
	Thurlow	jj	1	No	Yes
	Thurlow	kk	2	No	Yes
	Thurlow	ll	3	No	Yes
	Weiss	mm	1	No	Yes
	Weiss	nn	2	No	Yes
	Weiss	oo	3	No	Yes
	Yates	pp	1	No	Yes
	Yates	qq	2	No	Yes
	Hatch	rr	1	No	Yes
	Hatch	ss	2	No	Yes
	Vogtle	tt	1	No	Yes
	Vogtle	uu	2	No	Yes
	Barnett Shoals	vv	1	No	Yes
	Barnett Shoals	ww	2	No	Yes
	Barnett Shoals	xx	3	No	Yes
	Barnett Shoals	yy	4	No	Yes
	Bartletts Ferry	zz	1	No	Yes
	Bartletts Ferry	aaa	2	No	Yes
	Bartletts Ferry	bbb	3	No	Yes
	Bartletts Ferry	ccc	4	No	Yes

## Attachment 2 of Reduced Utilization Plan Form

1. ORIS Code	2. Plant Name	3. Boiler id #	4. Allocation for Compensating Units	5. Different System?	6. Another Source?
	Bartletts Ferry	ddd	5	No	Yes
	Bartletts Ferry	eee	6	No	Yes
	Burton	fff	1	No	Yes
	Burton	ggg	2	No	Yes
	Estatoah	hhh	1	No	Yes
	Flint River	iii	1	No	Yes
	Flint River	jjj	2	No	Yes
	Flint River	kkk	3	No	Yes
	Goat Rock	lll	1	No	Yes
	Goat Rock	mmm	2	No	Yes
	Goat Rock	nnn	3	No	Yes
	Goat Rock	ooo	4	No	Yes
	Goat Rock	ppp	5	No	Yes
	Goat Rock	qqq	6	No	Yes
	Langdale	rrr	5	No	Yes
	Langdale	sss	6	No	Yes
	Lloyd Shoals	ttt	1	No	Yes
	Lloyd Shoals	uuu	2	No	Yes
	Lloyd Shoals	vvv	3	No	Yes
	Lloyd Shoals	www	4	No	Yes
	Lloyd Shoals	xxx	5	No	Yes
	Lloyd Shoals	yyy	6	No	Yes
	Morgan Falls	zzz	1	No	Yes
	Morgan Falls	aaaa	2	No	Yes
	Morgan Falls	bbbb	3	No	Yes
	Morgan Falls	cccc	4	No	Yes
	Morgan Falls	dddd	5	No	Yes
	Morgan Falls	eeee	6	No	Yes
	Morgan Falls	fff	7	No	Yes
	Nacoochee	gggg	1	No	Yes
	Nacoochee	hhhh	2	No	Yes
	North Highlands	iiii	1	No	Yes
	North Highlands	jjjj	2	No	Yes
	North Highlands	kkkk	3	No	Yes
	North Highlands	llll	4	No	Yes
	Oliver	mmmm	1	No	Yes
	Oliver	nnnn	2	No	Yes
	Oliver	oooo	3	No	Yes
	Oliver	pppp	4	No	Yes
	Riverview	qqqq	1	No	Yes
	Riverview	rrrr	2	No	Yes
	Rocky Mountain	ssss	1	No	Yes
	Rocky Mountain	tttt	2	No	Yes
	Rocky Mountain	uuuu	3	No	Yes
	Sinclair	vvvv	1	No	Yes
	Sinclair	wwww	2	No	Yes
	Tallulah	xxxx	1	No	Yes
	Tallulah	yyyy	2	No	Yes
	Tallulah	zzzz	3	No	Yes
	Tallulah	aaaaa	4	No	Yes
	Tallulah	bbbbb	5	No	Yes
	Tallulah	cccc	6	No	Yes
	Terrora	dddd	1	No	Yes
	Terrora	eeee	2	No	Yes
	Tugalo	ffff	1	No	Yes



## Attachment 2 of Reduced Utilization Plan Form

1. ORIS Code	2. Plant Name	3. Boiler id #	4. Allocation for Compensating Units	5. Different System?	6. Another Source?
	Tugalo	ggggg	2	No	Yes
	Tugalo	hhhhh	3	No	Yes
	Tugalo	iiii	4	No	Yes
	Wallace	jjjj	1	No	Yes
	Wallace	kkkkk	2	No	Yes
	Wallace	llll	3	No	Yes
	Wallace	mmmmm	4	No	Yes
	Wallace	nnnnn	5	No	Yes
	Wallace	oooo	6	No	Yes
	Yonah	ppppp	1	No	Yes
	Yonah	qqqqq	2	No	Yes
	Yonah	rrrr	3	No	Yes

Attachment 3 of Reduced Utilization Plan Form

Unit	Plant Name	ORIS Code	Boiler id #
a	SEE ATTACHMENT 1 (PAGE 4)		
b	SEE ATTACHMENT 1 (PAGE 4)		
c	SEE ATTACHMENT 1 (PAGE 4)		
d	SEE ATTACHMENT 1 (PAGE 4)		
e	SEE ATTACHMENT 1 (PAGE 4)		
f	SEE ATTACHMENT 1 (PAGE 4)		
g	SEE ATTACHMENT 1 (PAGE 4)		
h	SEE ATTACHMENT 1 (PAGE 4)		
i	SEE ATTACHMENT 1 (PAGE 4)		
j	SEE ATTACHMENT 1 (PAGE 4)		
k	SEE ATTACHMENT 1 (PAGE 4)		
l	SEE ATTACHMENT 1 (PAGE 4)		
m	SEE ATTACHMENT 1 (PAGE 4)		
n	SEE ATTACHMENT 1 (PAGE 4)		
o	SEE ATTACHMENT 1 (PAGE 4)		
p	SEE ATTACHMENT 1 (PAGE 4)		
q	SEE ATTACHMENT 1 (PAGE 4)		
r	SEE ATTACHMENT 1 (PAGE 4)		
s	SEE ATTACHMENT 1 (PAGE 4)		
t	SEE ATTACHMENT 1 (PAGE 4)		
u	SEE ATTACHMENT 1 (PAGE 4)		
v	SEE ATTACHMENT 1 (PAGE 4)		
w	SEE ATTACHMENT 1 (PAGE 4)		
x	SEE ATTACHMENT 1 (PAGE 4)		
y	SEE ATTACHMENT 1 (PAGE 4)		
z	SEE ATTACHMENT 1 (PAGE 4)		
aa	SEE ATTACHMENT 1 (PAGE 4)		
bb	SEE ATTACHMENT 1 (PAGE 4)		
cc	SEE ATTACHMENT 1 (PAGE 4)		
dd	SEE ATTACHMENT 1 (PAGE 4)		
ee	SEE ATTACHMENT 1 (PAGE 4)		
ff	SEE ATTACHMENT 1 (PAGE 4)		
gg	SEE ATTACHMENT 1 (PAGE 4)		
hh	SEE ATTACHMENT 1 (PAGE 4)		
ii	SEE ATTACHMENT 1 (PAGE 4)		
jj	SEE ATTACHMENT 1 (PAGE 4)		
kk	SEE ATTACHMENT 1 (PAGE 4)		
ll	SEE ATTACHMENT 1 (PAGE 4)		
mm	SEE ATTACHMENT 1 (PAGE 4)		
nn	SEE ATTACHMENT 1 (PAGE 4)		
oo	SEE ATTACHMENT 1 (PAGE 4)		
pp	SEE ATTACHMENT 1 (PAGE 4)		
qq	SEE ATTACHMENT 1 (PAGE 4)		
rr	SEE ATTACHMENT 1 (PAGE 4)		
ss	SEE ATTACHMENT 1 (PAGE 4)		
tt	SEE ATTACHMENT 1 (PAGE 4)		
uu	SEE ATTACHMENT 1 (PAGE 4)		
vv	SEE ATTACHMENT 1 (PAGE 4)		
ww	SEE ATTACHMENT 1 (PAGE 4)		
xx	SEE ATTACHMENT 1 (PAGE 4)		
yy	SEE ATTACHMENT 1 (PAGE 4)		
zz	SEE ATTACHMENT 1 (PAGE 4)		
aaa	SEE ATTACHMENT 1 (PAGE 4)		
bbb	SEE ATTACHMENT 1 (PAGE 4)		
ccc	SEE ATTACHMENT 1 (PAGE 4)		
ddd	SEE ATTACHMENT 1 (PAGE 4)		

Attachment 3 of Reduced Utilization Plan Form

Unit	Plant Name	ORIS Code	Boiler id #
eee	SEE ATTACHMENT 1 (PAGE 4)		
fff	SEE ATTACHMENT 1 (PAGE 4)		
ggg	SEE ATTACHMENT 1 (PAGE 4)		
hhh	SEE ATTACHMENT 1 (PAGE 4)		
iii	SEE ATTACHMENT 1 (PAGE 4)		
jjj	SEE ATTACHMENT 1 (PAGE 4)		
kkk	SEE ATTACHMENT 1 (PAGE 4)		
lll	SEE ATTACHMENT 1 (PAGE 4)		
mmm	SEE ATTACHMENT 1 (PAGE 4)		
nnn	SEE ATTACHMENT 1 (PAGE 4)		
ooo	SEE ATTACHMENT 1 (PAGE 4)		
ppp	SEE ATTACHMENT 1 (PAGE 4)		
qqq	SEE ATTACHMENT 1 (PAGE 4)		
rrr	SEE ATTACHMENT 1 (PAGE 4)		
sss	SEE ATTACHMENT 1 (PAGE 4)		
ttt	SEE ATTACHMENT 1 (PAGE 4)		
uuu	SEE ATTACHMENT 1 (PAGE 4)		
vvv	SEE ATTACHMENT 1 (PAGE 4)		
www	SEE ATTACHMENT 1 (PAGE 4)		
xxx	SEE ATTACHMENT 1 (PAGE 4)		
yyy	SEE ATTACHMENT 1 (PAGE 4)		
zzz	SEE ATTACHMENT 1 (PAGE 4)		
aaaa	SEE ATTACHMENT 1 (PAGE 4)		
bbbb	SEE ATTACHMENT 1 (PAGE 4)		
cccc	SEE ATTACHMENT 1 (PAGE 4)		
dddd	SEE ATTACHMENT 1 (PAGE 4)		
eeee	SEE ATTACHMENT 1 (PAGE 4)		
ffff	SEE ATTACHMENT 1 (PAGE 4)		
gggg	SEE ATTACHMENT 1 (PAGE 4)		
hhhh	SEE ATTACHMENT 1 (PAGE 4)		
iiii	SEE ATTACHMENT 1 (PAGE 4)		
jjjj	SEE ATTACHMENT 1 (PAGE 4)		
kkkk	SEE ATTACHMENT 1 (PAGE 4)		
llll	SEE ATTACHMENT 1 (PAGE 4)		
mmmm	SEE ATTACHMENT 1 (PAGE 4)		
nnnn	SEE ATTACHMENT 1 (PAGE 4)		
oooo	SEE ATTACHMENT 1 (PAGE 4)		
pppp	SEE ATTACHMENT 1 (PAGE 4)		
qqqq	SEE ATTACHMENT 1 (PAGE 4)		
rrrr	SEE ATTACHMENT 1 (PAGE 4)		
ssss	SEE ATTACHMENT 1 (PAGE 4)		
tttt	SEE ATTACHMENT 1 (PAGE 4)		
uuuu	SEE ATTACHMENT 1 (PAGE 4)		
vvvv	SEE ATTACHMENT 1 (PAGE 4)		
wwww	SEE ATTACHMENT 1 (PAGE 4)		
xxxx	SEE ATTACHMENT 1 (PAGE 4)		
yyyy	SEE ATTACHMENT 1 (PAGE 4)		
zzzz	SEE ATTACHMENT 1 (PAGE 4)		
aaaaa	SEE ATTACHMENT 1 (PAGE 4)		
bbbbb	SEE ATTACHMENT 1 (PAGE 4)		
ccccc	SEE ATTACHMENT 1 (PAGE 4)		
ddddd	SEE ATTACHMENT 1 (PAGE 4)		
eeeee	SEE ATTACHMENT 1 (PAGE 4)		
fffff	SEE ATTACHMENT 1 (PAGE 4)		
ggggg	SEE ATTACHMENT 1 (PAGE 4)		
hhhhh	SEE ATTACHMENT 1 (PAGE 4)		

## Attachment 3 of Reduced Utilization Plan Form

Unit	Plant Name	ORIS Code	Boiler id #
iiii	SEE ATTACHMENT 1 (PAGE 4)		
iiii	SEE ATTACHMENT 1 (PAGE 4)		
kkkkk	SEE ATTACHMENT 1 (PAGE 4)		
lllll	SEE ATTACHMENT 1 (PAGE 4)		
mmmmm	SEE ATTACHMENT 1 (PAGE 4)		
nnnnn	SEE ATTACHMENT 1 (PAGE 4)		
ooooo	SEE ATTACHMENT 1 (PAGE 4)		
ppppp	SEE ATTACHMENT 1 (PAGE 4)		
qqqqq	SEE ATTACHMENT 1 (PAGE 4)		
rrrrr	SEE ATTACHMENT 1 (PAGE 4)		



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4

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

FEB 23 1995

RECEIVED

FEB 28 1995

Bureau of  
Air Regulation

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  
Administrative Amendments

Dear Mr. Parsons:

Enclosed you will find the final Phase I Acid Rain permit administrative amendments issued by the Environmental Protection Agency (EPA) for the Gulf Power Company. These final permit administrative amendments were issued by EPA Region 4 on February 14, 1995, and activate the conditional SO<sub>2</sub> Substitution Plans for the following facilities:

Plant Crist	Unit 4, 5, 7
Plant Lansing Smith	Unit 1, 2
Plant Scholz	Unit 1, 2

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

Sincerely,

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

Enclosure

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4

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

## PHASE I ACID RAIN PERMIT

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

### Summary of Previous Actions

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

1. Draft permit, including SO<sub>2</sub> compliance plan,  
issued for public comment  
(See page 1) July 16, 1993
2. SO<sub>2</sub> portion of permit finalized and issued September 3, 1993
3. Permit revised to include a draft nitrogen oxides  
Compliance Plan for Units 6 and 7, issued for  
public comment on the NO<sub>x</sub> portion only.  
(see page 4(a) and 5(a) and the NO<sub>x</sub> compliance plan forms) August 24, 1994
4. NO<sub>x</sub> portion of permit finalized and issued October 19, 1994
5. Permit revised to include a draft SO<sub>2</sub> Substitution Plan,  
issued for public comment on the proposed revision only  
(See page 5, 6, and 7) November 4, 1994



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4

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

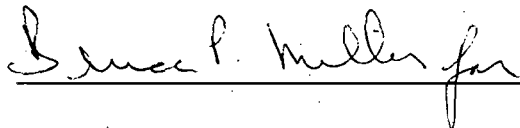
Plant Name: Crist  
State: Florida  
ORIS Code: 0641

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

December 27, 1994

**Present Action**

7. Permit revised to activate the conditional SO<sub>2</sub>  
Substitution Plan for Units 4, 5, and 7,  
issued as an administrative amendment  
(See page 5, 6, and 7)



FEB 14 1995

*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

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

Phase I SO<sub>2</sub> Allowance Allocation

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

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


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

Pursuant to 40 CFR 72.42 and the ranking of Phase I Extension Early Ranking applications determined by lottery on March 31, 1993, the Phase I Extension plan for Virginia Electric & Power Company-Mount Storm, naming this unit as a transfer unit, has been approved. Pursuant to 40 CFR 72.42 and the attached Phase I Extension Early Ranking application forms, this unit has an Acid Rain emissions reduction requirement limiting SO<sub>2</sub> emissions to a maximum of 48,702 tons per year for 1997, 1998, and 1999. The Phase I Extension Early Ranking forms were modified to correct rounding errors at steps 35, 38, and 41 pursuant to a letter from the designated representative, dated March 11, 1993. This unit has also been granted an extension, until January 1, 1997, of the deadline for compliance with regulations implementing Section 407 of the Clean Air Act (nitrogen oxides).

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

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

R. SCOTT DAVIS  
 Permit Reviewer

  
 Signature

2-10-95  
 Date



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

**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	9,953	9,953	9,953	9,953	9,953
Reduced Utilization 40 CFR 72.43	N/A	N/A	N/A	N/A	N/A

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

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

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

1. EPA approves a substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. This substitution unit will receive the allowances indicated above. In this plan, Crist Unit 5, Scholz Unit 1 and Unit 2, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.
2. The value in step 3, column g, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990.

R. SCOTT DAVIS  
 Permit Reviewer

R. Scott Davis  
 Signature

2-10-95  
 Date

**Statement of Basis. Part B**

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

**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	9,374	9,374	9,374	9,374	9,374
Reduced Utilization 40 CFR 72.43	N/A	N/A	N/A	N/A	N/A

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

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

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

1. EPA approves a substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. This substitution unit will receive the allowances indicated above. In this plan, Crist Unit 4, Scholz Unit 1 and Unit 2, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.
2. The value in step 3, column h, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990.

R. SCOTT DAVIS  
Permit Reviewer

  
Signature

2-10-95  
Date



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

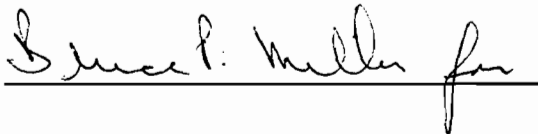
**Summary of Previous Actions**

This page will be replaced to document new EPA actions each time a new action is taken by the Agency. 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
2. SO<sub>2</sub> portion of permit finalized and issued December 27, 1994

**Present Action**

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)



FEB 14 1995

*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 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 substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. This substitution unit will receive the allowances indicated above. In this plan, 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

2-10-95  
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 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 substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. This substitution unit will receive the allowances indicated above. In this plan, 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

*R. Scott Davis*  
 Signature

2-10-95  
 Date



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

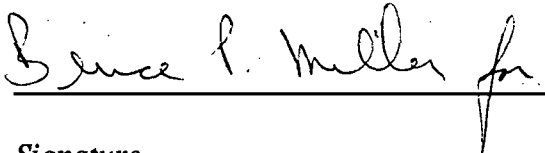
**Summary of Previous Actions**

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
  
- 2. SO<sub>2</sub> portion of permit finalized and issued December 27, 1994

**Present Action**

- 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)



FEB 14 1995

*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

Plant Name: Scholz  
 State: Florida  
 ORIS Code: 0642  
 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	8,282	8,282	8,282	8,282	8,282
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 substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. This substitution unit will receive the allowances indicated above. In this plan, Scholz Unit 2, Crist Unit 4 and Unit 5, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.
2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990.

R. SCOTT DAVIS  
 Permit Reviewer

*R. Scott Davis*  
 Signature

2-10-95  
 Date

Statement of Basis. Part B

Plant Name: Scholz  
State: Florida  
ORIS Code: 0642  
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	8,572	8,572	8,572	8,572	8,572
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 substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. This substitution unit will receive the allowances indicated above. In this plan, Scholz Unit 1, Crist Unit 4 and Unit 5, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.
2. The value in step 3, column f, 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

2-10-95  
Date





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

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

JUN 27 1995

4APT-AEB

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

SUBJ: Phase I Acid Rain Permit Administrative Amendment

Dear Mr. Kuester:

Enclosed are the administrative amendments for your Phase I Acid Rain affected facilities issued consistent with the new Nitrogen Oxides (NO<sub>x</sub>) Emission Reduction Rule (40 CFR Part 76), which was promulgated on April 13, 1995. The NO<sub>x</sub> rule was promulgated as a direct-final action by the U.S. Environmental Protection Agency and was effective on May 23, 1995. These administrative amendments change the effective date for the NO<sub>x</sub> permit revisions for these sources from January 1, 1995, to January 1, 1996. Consistent with the new rule, the NO<sub>x</sub> emission limitations for Phase I-Group 1 boilers will apply beginning on January 1, 1996.

If you have any questions regarding this permitting action, please contact Mr. Scott Davis of my staff at (404) 347-3555, extension 4144.

Sincerely yours,

A handwritten signature in cursive script that reads "R. Scott Davis".

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

Enclosure

cc: Thomas Cascio, Florida DEP  
M. L. Gilchrist, Gulf Power Company  
Dwain Waters, Gulf Power Company (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-Crist  
Operated by: Gulf Power Company  
Effective: January 1, 1995 to December 31, 1999

### Summary of Previous Actions

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

1. Draft permit, including SO<sub>2</sub> compliance plan,  
issued for public comment  
(See page 1) July 16, 1993
2. SO<sub>2</sub> portion of permit finalized and issued September 3, 1993
3. Permit revised to include a draft nitrogen oxides  
Compliance Plan for Units 6 and 7, issued for  
public comment on the NO<sub>x</sub> portion only.  
(see page 4(a) and 5(a) and the NO<sub>x</sub> compliance plan forms) August 24, 1994
4. NO<sub>x</sub> portion of permit finalized and issued October 18, 1994
5. Permit revised to include a draft SO<sub>2</sub> Substitution Plan,  
issued for public comment on the proposed revision only  
(See page 5, 6, and 7) November 4, 1994
6. SO<sub>2</sub> portion of permit revision finalized and issued December 27, 1994



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4

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

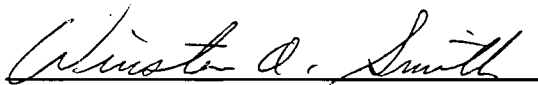
Plant Name: Crist  
State: Florida  
ORIS Code: 0641

7. Permit revised to activate the conditional SO<sub>2</sub> Substitution Plan for Units 4, 5, and 7, issued as an administrative amendment (See page 5, 6, and 7)

February 14, 1995

**Present Action**

8. Permit administratively amended to change compliance dates for nitrogen oxides compliance plans [and to change requirements in NO<sub>x</sub> averaging plans] consistent with 40 CFR part 76 (as promulgated on April 13, 1995)



JUN 22 1995

*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

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

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

EPA approves a nitrogen oxides compliance plan for this unit for 1996-1999 under which this unit's actual annual average emission rate for NO<sub>x</sub> for each year shall not exceed the applicable emission limitation of 0.50 lbs/mmBtu.

R. SCOTT DAVIS  
Permit Reviewer

R. Scott Davis  
Signature

6/19/95  
Date

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

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

EPA approves a nitrogen oxides compliance plan for this unit for 1997-1999 under which this unit's actual annual average emission rate for NO<sub>x</sub> for each year shall not exceed the applicable emission limitation of 0.50 lbs/mmBtu.

R. SCOTT DAVIS

Permit Reviewer

*R. Scott Davis*

Signature

6/19/95

Date