

#### REGION IV

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

DEC 2 1 1994

0630014

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 Scholz. The final permit was issued by EPA Region IV on December 14, 1994. The public notice of this final permit action was scheduled for publication in the <a href="Federal Register">Federal</a> Register on December 16, 1994.

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

Sincerely,

Brian L. Beals

Chief

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

Enclosure

cc: Thomas Cascio, Florida DEP

Dwain Waters, Gulf Power Company (w/o enclosure)

## **BEST AVAILABLE COPY**



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

#### REGION IV

345 COURTLAND STREET NE 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:

 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

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 INE 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

## 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.

Signature

Date

Winston A. Smith

Director, Air, Pesticides and Toxics Management Division

U.S. Environmental Protection Agency, Region IV

345 Courtland Street, N.E.

Wuste de

Atlanta, Georgia 30365

Telephone: (404) 347-3043

Facsimile: (404) 347-5207

# Statement of Basis. Part A

Page 2

Plant Name: Scholz

State: Florida

ORIS Code: 0642

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

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

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

R. SCOTT DAVIS

Permit Reviewer

Signature

12-12-94

Date

# Statement of Basis. Part B

Page 3

Plant Name: Scholz

State: Florida

ORIS Code: 0642 Boiler ID#: 0001

# Phase I SO, 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 <u>Environmental Defense Fund</u> v. <u>Carol M. Browner</u>, No. 93-1203 (executed on May 4, 1994):

- \*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. If the plan is activated, this substitution unit will receive the allowances indicated above. In this plan, 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

Signature

12-12-94

Permit Reviewer

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	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, 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	& Acott Davis	12-12-94
Permit Reviewer	Signature	



# **Phase I Permit Application**

Page 1

D EGEIWE D 6-29-94	For more informati This submission is	ion, see instructions and refer to 40 CFR 72.30 and 72.31    X New   Revised	1	Page 1 of 1
TEP 1 fentify the source by plant ame, State, and ORIS ode from NADB	Plant Name	cholz	FL State	642 ORIS Code
OMPLIANCE PLAN				
TEP 2 pecify a compliance plan or this source by lentifying each Table 1 nd non-Table 1 unit at this ource that is subject to cld Rain Program missions limitations during	Table 1 Units	Hold allowances in accordance with 40 CFR 72.9(d)(1)  Substitution plan (include Substitution Plan form)  Reduced utilization plan (include Reduced Utilization Plan	form)	
hase I. Identify each unit y boiler ID# from NADB, nd mark one or more oxes if you wish to lentify additional methods f compliance for each unit		Phase I extension plan (if this unit is a control unit, includ form. If this unit is a transfer unit for a control unit at an include form but identify the control unit's source by plan	other source, do	not
	ID#	Hold allowances in accordance with 40 CFR 72.9(d)(1)  Substitution plan (include Substitution Plan form)  Reduced utilization plan (include Reduced Utilization Plan  Phase I extension plan (if this unit is a control unit, include form. If this unit is a transfer unit for a control unit at an include form but identify the control unit's source by plan  Plant Name	de Phase I Extensiother source, do	o not
	ID#	Hold allowances in accordance with 40 CFR 72.9(d)(1)     Substitution plan (include Substitution Plan form)     Reduced utilization plan (include Reduced Utilization Plan     Phase I extension plan (if this unit is a control unit, include form. If this unit is a transfer unit for a control unit at an include form but identify the control unit's source by plan	de Phase I Exten	o not
	1D#	Plant Name  X Hold allowances in accordance with 40 CFR 72.9(d)(1)  Substitution plan (include Substitution Plan form)  Reduced utilization plan (include Reduced Utilization Plan	n form)	State
		Phase I extension plen (if this unit is a control unit, include form. If this unit is a transfer unit for a control unit et ar include form but identify the control unit's source by plant.  Plant Name	nother source, d	o not

Plant Name (from Step 1) Scholz	Page I of 2
Non-Table 1 Units	EBPG"
X Hold allowances in accordance with 45	ESTO ( CFR 72.9(c)(1) ***********************************
ID# 1 Control unit (include Phase I Extension F	
X Substitution unit (if this is a substitution source(s), enter plant name and State of	n unit for one or more Table 1 unit(s) at other f other source(s))
Cmina	THE STATE OF THE S
Plant Name Crist	State FL
Plant Name	State
Reduced utilization plan; unit to be unde	prutilized (include Reduced Utilization Plan form)
Compensating unit (if this is a compensation of the compensation)	
, \$.	Today societies
Plant Name	State
Plant Name	State
Hold ellowances in accordance with 482  Control unit (include Phase I Extension F	Plan form)  n unit for one or more Table 1 unit(s) at other
Plant Name Crist	State FL
Plant Name	State
Reduced utilization plan; unit to be unde	erutilized (include Reduced Utilization Plan form)
Compensating unit (if this is a compens source(s), enter plant name and State o	ating unit for one or more units at other of other source(s))
Plant Name	State
Plant Name	State
Plant Name	State
X Hold allowances in accordance with 40	CFR 72.9(d)(1)
ID# Control unit (include Phase I Extension	
	n unit for one or more Table 1 unit(s) at other
sociotis, anter partiriaria and state t	n other source(s)
Plant Name	State
Plant Name	State
Reduced utilization plan; unit to be und	erutilized (Include Reduced Utilization Plan form)
Compensating unit (if this is a compens source(s), enter plant name and State of	sating unit for one or more units at other of other source(s))
Plant Name	State
Plant Name	State

Scholz 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 dany an Acid Rain permit;
- (ii) The owners and operators of each affected source and each affected unit at the source shall: (a) Operata the unit in compliance with a completa Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and

#### (b) Have an Acid Rain Parmit.

#### Monitoring Requirements.

(i) The owners and operators and, to the extent applicable, designated representative of each affected source and each affacted 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 seconded 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 end 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 cheracteristics 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 effected unit under 40 CFR 72.6(a)(1);
  - (b) Starting on or after January 1, 1995 in accordance with 40 CFR 72.41 and 72.43, an affected unit under 40 CFR 72.6(a)(2) or (3) that is a substitution or compensating unit;
  - (c) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2) that is not a substitution or
- compensating unit; or
  (d) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part
  75, an affected unit under 40 CFR 72.6(a)(3) that is not a substitution or compensating unit.
  (iv) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts
- in accordance with the Acid Rain Program. (v) An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1)(i),
- prior to the calendar year for which the allowance was allocated.
- (vi) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (vii) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property riaht.

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

#### Excess Emissions Requirements.

- (i) The designated representative of an affected unit that has excess emissions in any calandar 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 causa, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority.
  - (a) The certificate of representation for the designated representative for the source and each effected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative. (b) All emissions monitoring information, in accordance with 40 CFR part 75.

  - (c) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program.

Plant Name (from Step 1)

#### 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 extansion plans), and section 407 of the Act and regulations implementing section 407 of the Act, and except with regard to the requiraments 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 Stata 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, 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 impaining 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 the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

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

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

AIRS		
	-	
FINDS		

#### APPENDIX B

#### Notification of Waiver

The undersigned Designated Representative for <a href="Scholz">Scholz</a> plant, <a href="Designated Representative for Scholz">1 - 2</a> 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, Jrs.,
Designated Representative

DATE: 6/23/94



# **Substitution Plan**

Page 1

	For more information is:	·	•	FR 72.41		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	Table 1 Units Plant Name  Crist			Start FL	Boiler ID#	
letter(s) for the Table 1 unit(s) for which the unit is: substituting (see instructions)	b a d	. 5				
	Substitution U	nits.		Star		Table 1 Units
	Scholz Crist			F	L 2	a a
	Crist Lansing S Lansing S		<u>.</u>	F.	L 1	а 
STEP 2 Enter baseline (see special instructions)	3691249 mm8tu	3826391 mmBtu	4460224 mmBtu	h= 4395842 mmBtt	10983506 10983500	PS  2 <i>607585</i>   <del>2607580</del>   mmBtu
STEP 3 RSP Enter the lesser of the 1985 actual or allowable SO: emissions rate from NADB. Do not round	4.4871 fbs/mmBtu	4.4803 66e/mmBtu	4.4628 85s/mmBtu	4.2650 bs/mmBt	1.1069 tbs/mmBtu	1.1483 8se/mmBtu
STEP 4 Multiply Step 2 and Step 3 entries, divide by 2000, and round to the nearest ton	8282 tone	8572 tons	9953 tone	9374 ton	6079 tons	7239 tons
STEP 5 Mark one of the two options and enter date, if applicable	X This plan is for not later than		rel. The designate		will notify the Agen	
STEP 6 Mark one of the two options and enter date, if applicable	prior to that de	of the plan is not kr	nown. The plan w	ill be effective un	is notification to te til December 31, 19 he plan prior to the	999, unless

Crist Plant Name (see instructions)

2

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

#### **Special Provisions**

#### Emissions Limitations.

(i) Each substitution unit governed by an approved substitution plan shall become a Phase I unit from January 1 of the year for which the plan takes effect until January 1 of the year for which the plan is no longer in effect or is terminated.

(ii) Each unit under 40 CFR 72.41(a)(1), and each substitution unit, governed by an approved substitution plan shall be subject to the Acid Rain emissions limitations for nitrogen oxides in accordance with section 407 of the Act and regulations implementing section 407 of the Act.

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 liebility 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 plants to be terminated. The designated representative may identify the senial 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)

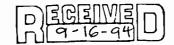
(iii) If the requirements of 40 CFR 72.41(e)(2)(ii) are met and upon revision of the permit to terminate the substitution plan, the Administrator will deduct the allowences specified in 40 CFR 72.41(e)(2)(ii)(B). No substitution plan shall be terminated, and no unit shall be de-designated as a Phase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

deduction is made.

((v) Change of owner or operator. If there is a change in the owners of operators (which includes for purposes of this section the designated representative) of any unit governed by an approved substitution plan and the requirement under 40 CFR 72.41(b)(1)(i) is no longer met, then the designated representatives of the units governed by the plan shall terminate the plan as of January 1 of the calendar year during which the change was made. If the designated representatives fail to terminate the plan, the Administrator, on his own motion, shall terminate the plan and deduct the allowances required to be surrendered under 40 CFR 72,41(e)(2)(ii).

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. 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 besief true, accurate, and complete. I am aware that there are agrificant penalties for submitting false statements and information or omitting required statements and information; including the possibility of fine or imprisonment;

Name Earl B. Parsons, Jr.	
Signature Earl B. Parsons J.	Date 8/3//94
	,
Name	·
Signature	Date
Name	
Signature	Date
Name	<u> </u>
Signature	Date



# 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):

	•	Í	• `	h	í	1
STEP A Enter the 1986 80, emissions	8835.53	8615.35	11032.66	8053.21	16061.47	23195.85
(to 2 decimal places)						
STEP B						
Enter the 1989 bolier total heat input	3958079.60	3859575.80	4756386,20	3491200.00	/185227.20	10498836.40
<u> </u>		.5			•	
STEP C DMde Stap A by Stap B.	4.4646	4.4644	4.6391	4.6134	4.4707	4.4187
multiply by 2000, and enter result (to 4 decimal places)	Res/mm8hu	See/mendike	Resimm@he	the terminal to	Bu/mreibe	Between
STEP D Enter the 1990 SO, emissions	7152.17	6534.02	9717.93	9411.43	16053.01	17957.88
(to 2 decimal places)					<u> </u>	
STEP E				<b>,.</b>	<b>,</b>	<b>.</b>
Enter the 1990 boiler total heat input	318789540	2916775.40	4282649.80	4142998.40	7233538.40	8131163.40
STEP F						
Divide Step D by Step E, multiply by 2000, and enter	4.4871	4,4803	4.5383	4.5433	4.4385	4.4171
result (to 4 decimal places)	4.40/1	tumatu	Technolis	Belmille.	takenth.	Salandhi
STEP G				•		
Enter the most stringers 80, emission limit that was	6.17	6.17	5.9	5.9	6.17	6.17
adopted or promulgated as of 11/15/90 and that is applicable	Tulandte	- Antonibu	- Bachardh	finite market	- Balandhi	hundh
to the unit during Phase I	•					•
<u></u> 8т <b>≘</b> Р Н	,					<del></del> 1
Ereer the leaser of the 1885- actual or allowable SQ.	4.8053	4.8057.	4.4628	4.2650	1.1069	1,1483
emission rate from NADS						
8T <b>E⊅ I</b>			1 , ,,,,,	1 ( ( ) 2 (	1, 1707	4.4187
Enter the greater of Step C and Step F	4.4871	4.4803	4.6391	4.6134	4.4707	4.418/
•						
STEP J Enter the lesser of Steps G. H.	4.4871	4.4803	4.4628	4.2650	1.1069	1.1483
and I here and at Step 3 on the Substitution Plan form	ba/mm@b/	Reimendby	Be/mir@b	Be Allerides	Ba/mrails/	an/manout

STEP K "Read the certification, sign and date Cartification

REST AVAILABLE COPY

I am autherized to make this extension on behalf of the owners and operators of the affected source or effected units for which the automission is made. I certify under penalty of law that I have personally examined, and am ignificant with, the electements and information automitted in this document and all its effectments. Because on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the electements 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 files electements and information, including the possibility of the ar imprisonment.

Name	Earl B. Parsons, Jr.	· ,
Signature	Earl B. Paisons .	Gjz3/94
Name		
Nymatore	. • •	Date
Name		
Signature		Date .
Hame		
Mignature		Date

# Instructions

# Steps A, B, D, and E

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

#### Step Q

Choose from all unit-specific SO<sub>2</sub> emission limits (including federal, state, or local limits, converted to ibe/mmilitu, 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 stringest of these emission limits is different for different years in Phase I, then this worksheet mediate 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, emission limit during Phase I that was adopted or promulgated as of November 15, 1990, provide separately this limit and the statutory and regulatory authority under which the limit was adopted or promulgated.

#### APPENDIX B

# Notification of Waiver

The undersigned Designated Representative for  $\frac{Scholz}{1-2}$  plant,  $\frac{1-2}{2}$  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.

APPROVE	D: Earl B. Parsons J.	
	Earl B. Parsons, Jr., O Designated Representative	
DATE.	4/22 Jan	

Gulf Power Company PROPOSED Permit No.: 0630014-001-AV Scholz Electric Generating Plant Facility ID No.: 0630014

 $\underline{Phase~II~Acid~Rain~Permit~Application/NO_{\underline{X}}~Compliance~Plan}$ 

DEP Form No. 62-210.900(1)(a)4. - Form Effective \_\_\_\_\_

# Florida Department of Environmental Protection

# Phase II $NO_X$ Compliance Plan For more information, see instructions and refer to 40 CFR 76.9

This submission is:	New R	evised				Page	of [
STEP 1 Indicate plant name, state, and ORIS code from NADB, if applicable.	SCHOLZ EL	ECTRIC GEN	NERATING PL	ANT	Sta	FL ORIS Cod	642 e
STEP 2	type: "CB" for c	ell burner, "CY"	for cyclone, "DB	W" for dry botto	m wall-fired,	.DB, if applicable. "T" for tangentially ted for each unit.	
		ID#	ID#	ID#	ID#	ID#	ID#
		1	2				
		Туре	Туре	Туре	Туре	Туре	Туре
		DBW	DBW				
(a) Standard annual average of limitation of 0.50 lb/mmBtu (f bottom wall-fired boilers)							
(b) Standard annual average limitation of 0.45 lb/mmBtu (f tangentially fired boilers)							
(c) EPA-approved early electi 40 CFR 76.8 through 12/31/07 above emission limit specifie	7 (also indicate						
(d) Standard annual average (limitation of 0.46 lb/mmBtu (foottom wall-fired boilers)							
(e) Standard annual average of limitation of 0.40 lb/mmBtu (for tangentially fired boilers)							
(f) Standard annual average e limitation of 0.68 lb/mmBtu (f boilers)							
(g) Standard annual average ( limitation of 0.86 lb/mmBtu (fo boilers)							
(h) Standard annual average ( limitation of 0.80 lb/mmBtu (for fired boilers)							
(i) Standard annual average e limitation of 0.84 lb/mmBtu (f boilers)							
(j) NO <sub>x</sub> Averaging Plan (include form)	e NO <sub>x</sub> Averaging	X	X				
(k) Common stack pursuant to 40 CFR 75.17(a)(2)(i)(A) (check the standard emission above for most stringent limits to any unit utilizing stack)							



#### REGION IV

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

NOV 0 9 1994

#### 4APT-AEB

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

SUBJ: Draft Phase I Acid Rain Permit

Dear Mr. Parsons:

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

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

Sincerely,

Brian L. Beals

Chief

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

Enclosure

cc: Thomas Cascio, Florida DEP

Dwain Waters, Gulf Power Company (w/o enclosure)



#### REGION IV

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:

#### **Present Action**

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

Signature

Date

Winston A. Smith

Director, Air, Pesticides and Toxics Management Division U.S. Environmental Protection Agency, Region IV

345 Courtland Street, N.E.

Atlanta, Georgia 30365

Telephone: (404) 347-3043 Facsimile: (404) 347-5207



#### REGION IV

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

# 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.

Signature

Date

Winston A. Smith

Director, Air, Pesticides and Toxics Management Division

U.S. Environmental Protection Agency, Region IV

345 Courtland Street, N.E.

Atlanta, Georgia 30365

Telephone: (404) 347-3043

Facsimile: (404) 347-5207

# Statement of Basis. Part A

Page 2

Plant Name: Scholz

State: Florida ORIS Code: 0642

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

# Statement of Basis. Part B

Page 3

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

- \*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. If the plan is activated, this substitution unit will receive the allowances indicated above. In this plan, 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.	SCO	TT	DA	VIS

Permit Reviewer

R. Scott Lasia

. Signature 11-1-94

Date

# Statement of Basis. Part B

Page 4

Plant Name: Scholz

State: Florida

ORIS Code: 0642 Boiler ID#: 0002

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

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

- \*1. EPA approves a conditional substitution plan for this unit for 1995 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. If the plan is activated, this substitution unit will receive the allowances indicated above. In this plan, 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 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	K. Scott Cowin	11-1-94
Permit Reviewer	Signature	Date



# **Phase I Permit Application**

Page 1

For more information, see instructions and refer to 40 CFR 72.30 and 72.31 This submission is: |X| New Revised Identify the source by plant FL 642 Scholz name, State, and ORIS ORIS Code Plant Name State code from NADB **COMPLIANCE PLAN** Table 1 Units STEP 2 Specify a compliance plan for this source by identifying each Table 1 |X| Hold allowances in accordance with 40 CFR 72.9(d)(1) and non-Table 1 unit at this source that is subject to Substitution plan (include Substitution Plan form) ID# Acid Rain Program Reduced utilization plan (include Reduced Utilization Plan form) emissions limitations during Phase I. Identify each unit Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan by boiler ID# from NADB, form. If this unit is a transfer unit for a control unit at another source, do not and mark one or more include form but identify the control unit's source by plant name and State below) boxes if you wish to identify additional methods of compliance for each unit Plant Name |X| Hold allowences in accordance with 40 CFR 72.9(d)(1) ID# Substitution plan (include Substitution Plan form) Reduced utilization plan (include Reduced Utilization Plan form) Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below) Plant Name X Hold allowances in accordance with 40 CFR 72.9(d)(1) Substitution plan (include Substitution Plan form) ID# Reduced utilization plan (include Reduced Utilization Plan form) hase 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 enother source, do not include form but identify the control unit's source by plant name and State below) Plant Name |X| Hold allowances in accordance with 40 CFR 72.9(d)(1) ID# Substitution plan (include Substitution Plan form) Reduced utilization plan (include Reduced Utilization Plan form) Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below) Plant Name

	1	LUGDO LI GIUNE - LEGG
Plant Name (fr	om Step 1) Scholz	Page 1 of 2
		•
on-Table 1 L	EDI-	<b>ζ</b> , ′
	40 CFR 72.9(c)(1)   X Hold allowances in accordance with 地方次末界次紀時間科	<b>y</b> .
o# <sup>1</sup>	Control unit (include Phase I Extension Plan form)	CANGERO TO A TOTAL OF THE
	X Substitution unit (if this is a substitution unit for one or more source(s), enter plant name and State of other source(s))	
	Secured 4.	
	Plant Name Crist	State FL
	Plant Name	State
	Reduced utilization plan; unit to be underutilized (include Redu	iced Utilization Plan form)
	Compensating unit (if this is a compensating unit for one or m source(s), enter plant name and State of other source(s))	ore units at other
	Plant Name	State
	Plant Name	State
	احات 40 CFR 72.9(c)(1	31 9
•	Hold allowences in accordance with 本語 CFR 文字 (2.5)	
o#. <sup>2</sup>	Control unit (include Phase I Extension Plan form)	
	Substitution unit (if this is a substitution unit for one or more source(s), enter plant name and State of other source(s))	Teble 1 unit(s) at other.
	Cut-ra	
	Plant Name Crist	State FL
	Plant Name	State
	Reduced utilization plan; unit to be underutilized (include Redu	uced Utilization Plan form
	Compensating unit (if this is a compensating unit for one or m source(s), enter plant name and State of other source(s))	ore units at other
	,	
	Plant Name	State
	Plant Name	State
	Hold allowances in accordance with 40 CFR 72.9(d)(1)	•
D#	Control unit (include Phase I Extension Plan form)	
	Substitution unit (if this is a substitution unit for one or more source(s), enter plant name and State of other source(s))	Table 1 unit(s) at other
	Plant Neme	State
	Plant Name	State
	Reduced utilization plan; unit to be underutilized (include Red	uced Utilization Plan form
	Compensating unit (if this is a compensating unit for one or n source(s), enter plant name and State of other source(s))	nore units at other
	Consider him the part of anial and anial	1.
	Plant Name	State
	Plant Name	State

Scholz

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 end 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, es 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 effected 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 72.8(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.

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

#### Excess Emissions Requirements.

- (i) The designated representative of an affected unit that has excess emissions in any calender year shall
- submit a proposed offset plan, as required unit that has excess emissions in any calender 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 end 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 shell 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 designeted representative.

    (b) All emissions monitoring information, in accordance with 40 CFR pert 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) Scholz

#### 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 epplication, 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 pursuent to section 113(c) of the Act and 18 U.S.C. 1001.
- (iii) No permit revision shall excuse any violetion of the requirements of the Acid Rain Progrem 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 72.44 (Phase II repowering extension plans), and section 407 of the Act and ragulations 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 75.18, 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 axpressly 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 effected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, end am familier with, the statements and information submitted in this document and all its attachments. Besed on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Earl B. Parsons, Jr.	
Signature Earl B. Parsons .	Date 6/23/94
Signature Gun D. Tautona J.	

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

,	•		
AIRS			
FINDS		•	· .

#### APPENDIX B

## Notification of Waiver

The undersigned Designated Representative for <a href="Scholz">Scholz</a> plant, <a href="Tel: 1-2">1-2</a> units, waives, with respect to the attached permit application or permit revision, any claim that EPA should or must review and approve (or disapprove) the attached proposed new plan or proposed plan revision pursuant to the terms of the January 11, 1993 rules, and requests that EPA review and approve (or disapprove) the plan based on the requirements of paragraph 1 of the Partial Settlement Agreement to be filed in Case No. 93-1203 (and consolidated cases), in the U.S. Court of Appeals for the D.C. Circuit.

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

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

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

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

DATE: 6/23/94



# **Substitution Plan**

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

Page 1

STEP 1 Identify each unit by plant name, State and	Table 1 Units		•			the second secon	
Identify each unit by plant name, State and	Table 1 Heite					•	
	Plant Name		15. S. J.		State	Boiler ID#	_
boiler ID# from NADB. After the boiler ID# of each	Crist				FL	7	<u> </u>
substitution unit, enter the letter(s) for the Table 1 unit(s) for which the unit is							
substituting (see instructions)	<b>a</b>	1.5			٠.		
	d						
	Substitution U	nits:					
	Plant Name				State	Boiler ID#	Teble 1 Units
	Scholz				FL	1	a
	Scholz				FL	2	а
	Crist				FL	4	a
	M Crist	· · · · · · · · · · · · · · · · · · ·			FL.	5	a
	Lansing S	Smith	:		FL	1	a
	Lansing S	Smith	of this matternation on the control of		FL	2	a
	•		Carrie (et al.		ACTION !	\$ 14 T CHE \$ 14 S C C C C C C C C C C C C C C C C C C	t is RS
STEP 2 Enter baseline (see special instructions)	3691249 mm8tu	3826391 mmBtu	4460224 mmBtu	4395		09835 <i>06</i> <del>10983500</del> mm8tu	12607585 12607580 mmBtu
STEP 3 RSD							
Enter the lesser of the 1985 actual or allowable SOs emissions rate from NADB. De net round	4.4871  bs/mm8tu	4.4803 lbs/mm8tu	4.4628 Ibs/mm8tu	4.2	650 bs/mmBtu	1.1069 lbs/mmBtu	1.1483 lbs/mmBtu
STEP 4 Multiply Step 2 and Step 3 entries, divide by	8282 tons	8572	9953	937	4 tons	6079 tons	7239 tons
2000, and round to the nearest ton			· · · · · · · · · · · · · · · · · · ·				
STEP 5 Mark one of the	The effective	date of this plan is	January 1, 199		125.82		
two options and enter date,			val. The designet				
		n effect. Go to Ste					
STEP 6 Mark one of the	The last date to		effect is Decembe	, <b>31</b> , 199	unless	notification to tel	minete the plan
if applicable	The last date of the designated	of the plan is not k I representative no	nown. The plan w tifies the Agency o	rill be effe of termine	ective until ition of the	December 31, 19 plan prior to that	99, unless date.
Mark one of the two options and enter date, if applicable  STEP 6 Mark one of the two options and enter date, if applicable	This plan is fo not later than plan is to be in The last date prior to that details.	r conditional appro 60 days before the effect. Go to Ste this plan will be in ate is given of the plan is not k	wal. The designate allowance transfu p 7: effect is December	or deadling	e applicable unless	to the first year notification to tel	for which the minete the plan

Crist Plant Name (see instructions)

Page 2 of 2

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

#### Special Provisions

#### Emissions Limitations.

(i) Each substitution unit governed by an approved substitution plan shall become a Phase I unit from January 1 of the year for which the plan takes effect until January 1 of the year for which the plan is no longer in effect or is terminated.

(ii) Each unit under 40 CFR 72.41(a)(1), and each substitution unit, governed by an approved substitution plan shall be subject to the Acid Rain emissions limitations for nitrogen oxides in accordance with section 407 of the Act and regulations implementing section 407 of the Act.

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

#### Termination.

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

(ii) To terminate a substitution plan for a given calendar year prior to the last year for which the plan was approved:

(a) A notification to terminate in accordance with 40 CFR 72.40(d) shall be submitted no later than 60 days before the allowance transfer deadline applicable to the given year; and (b) In the notification to terminate, the designated representative of each unit governed by the plan

(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 of operators (which includes for purposes of this section the designated representative) of any unit governed by an approved substitution plan and the requirement under 40 CFR 72.41(b)(1)(i) is no longer met, then the designated representatives of the units governed by the plan shill terminate the plan as of January 1 of the calendar year during which the change was made. If the designated representatives fail to terminate the plan, the Administrator, on his own motion, shall terminate the plan and deduct the allowances required to be surrendered under 40 CFR 72.41(e)(2)(ii).

#### Certification

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

Name .	Earl B. Parsons, Jr.	
Signature	Earl B. Parsons J.	Date 8/31/94
Name		<b>7</b> , 4
Signature		Date
Name		
Signature		Date
Name		
Signature		Date



# orksheet 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):

	•	<u> </u>		h	1	
STEP A Enter the 1988 SO, emissions	8835.53	8615.35	11032.66	8053.21	16061.47	23195.85
(to 2 decimal places)						
STEP 8	3958079.60	3859575.80	4756296 20	2/01200 00	7195227 20	10498836.40
Enter the 1989 boller total heat input	3930079.00	3839373.80	4730300,20 mailu	3491200.00	7163227.20	10498636.40
ami a					•	
STEP C DMde Step A by Step B, multiply by 2000, and enter	4.4646	4.4644	4.6391	4.6134	4.4707	4.4187
result (to 4 decimal places)	Sedan-Shi	- Redirection	fastronille	- Calmida		1 Belinstei
STEP D	والمراجع المراجع المرا	<del></del>			·	
Enter the 1990 SO, emissions (to 2 decimal places)	7152.17	6534.02	9717.93	9411.43	16053.01	17957.88
(D & Gerrier burner)	<u> </u>	* <u>-</u> -,	•	·	<u></u>	<del></del>
STEP E Enter the 1990 boiler total			· 	<u> </u>		Lasarra da
heat input	3187895.40	2916775.40	4282649.80	4142998.40	7233538.40	8131163.40
STEP F	••					:
Divide Step D by Step E, multiply by 2000, and enter	4.4871	4.4803	4.5383	4.5433	4.4385	4.4171
result (to 4 decimal places)	the/humbly	betenibe	Bedeundha	- BadumBha	the/medito	- termite
STEP G				•		
Enter the most stringers 80, emission limit that was	6.17	6.17	5.9	5.9	6.17	6.17
adopted or promulgated as of 11/15/90 and that is applicable	•					1
to the unit during Phase I	·				•	
STEP H	<u> </u>	<u> </u>			1	
Erear the leases of the 1885- actual or allowable 80,	4.8053	4.8057.	4.4628	4.2650	1.1069	1,1483
emission rate from NADS	. <del>1-</del>				•	
STEP I	4.4871	4,4803	4.6391	4.6134	4.4707	4.4187
Enter the greater of Step C and Step F	lis/mm@ha	testendle	the/merito	ButmmBtu	Bra/modifie	Belterible
STEP J  Enter the leaser of Steps G, H,	4.4871	4.4803	4.4628	4.2650	1.1069	1.1483
and I here and at Step 3 on the Substitution Plan form			- Application			•

# BEST AVAILABLE COPY

STEP K Read the certification, sign and date

#### Cartification



I am autherted to make this editablesion on behalf of the owners and operators of the effected source or effected units for which the automission is made. I certify under penalty of law that I have personally examined, and am femiliar with, the elektronate and information automitted in this document and all its essentments. Bessed 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 exerce that there are eignificant penalties for submitting false statements and information, including the possibility of the or impresentment.

Name Earl B. Parsons, Jr.	
Earl B. Parsons Q.	Dam 6/23/94
Manso	
Olyanduro .	Code
Manue	
Menature	Date
Name	
Manaturo	Date

# Instructions

#### Stope A. B. D. and E

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

#### Step G

Choose from all unit-specific SO<sub>2</sub> emission limits (including federal, state, or local limits, converted to ibe/mmilitu, where-necessary) that apply to the unit, will be effective during Phase I (1995-1996), and were adopted or promulgated as of November 15, 1990.

If the most stringest of these emission limits is different for different years in Phase i, then this workshoot must be completed separately for each year in Phase I. In this case, the value at Blap-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, emission limit during Phase I that was adopted or promulgated as of November 15, 1990, provide separately this limit and the statutory and regulatory authority under which the limit was adopted or promulgated.

#### APPENDIX B

## Notification of Waiver

The undersigned Designated Representative for  $\frac{Scholz}{Scholz}$  plant,  $\frac{1-2}{Scholz}$  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 IIO. 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: <u>Earl B. Parsons</u>, Jr.,

Designated Representative

DATE: \_\_\_\_6/23/94