



Phase I Permit Application

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

This submission is: New Revised

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RECEIVED
2-17-93

STEP 1

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

Plant Name	Crist Electric Generating Plant	State	FL	641 ORIS Code
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COMPLIANCE PLAN

STEP 2

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

Table 1 Units

ID# 6

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

Plant Name	Petersburg	IN State
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ID# 7

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

Plant Name	Mount Storm	WV State
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ID#

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

Plant Name		State
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ID#

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

Plant Name		State
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Plant Name (from Step 1)

Page of

Non-Table 1 Units

ID#

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

Plant Name	State
Plant Name	State

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

Plant Name	State
Plant Name	State

ID#

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

Plant Name	State
Plant Name	State

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

Plant Name	State
Plant Name	State

ID#

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

Plant Name	State
Plant Name	State

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

Plant Name	State
Plant Name	State

STEP 3

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

Standard Requirements

Permit Requirements.

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

Monitoring Requirements.

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

Sulfur Dioxide Requirements.

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

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

Excess Emissions Requirements.

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

Recordkeeping and Reporting Requirements.

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

Crist Electric Generating Plant
Plant Name (from Step 1)

Recordkeeping and Reporting Requirements (cont.)

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

Liability.

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

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

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

Certification

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

Name	Earl B. Parsons, Jr.	
Signature	<i>Earl B. Parsons Jr.</i>	Date 2/10/95

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

AIRS
FINDS



Certificate of Representation

received
FEB 16 1993 NBW

For more information, see instructions and refer to 40 CFR 72.24

This submission is: New Revised

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

Plant Name	Crist Electric Generating Plant	State	FL	ORIS Code	641
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STEP 2
Enter requested
information for the
designated
representative

Name	Earl B. Parsons, Jr.				
Address	Gulf Power Company P. O. Box 1151 Pensacola, FL 32520-0100				
Phone Number	(904) 444-6383	Fax Number	(904) 444-6744		

STEP 3
Enter requested
information for the
alternate designated
representative
(optional)

Name	Malcolm L. Gilchrist				
Address	Gulf Power Company P. O. Box 1151 Pensacola, FL 32520-0328				
Phone Number	(904) 444-6236	Fax Number	(904) 444-6705		

STEP 4
Complete Step 5, read
the certifications and
sign and date

I certify that I was selected as the designated representative or alternate designated representative, as applicable, by an agreement binding on the owners and operators of the affected source and each affected unit at the source.

I certify that I have given notice of the agreement, selecting me as the designated representative or alternate designated representative, as applicable for the affected source and each affected unit at the source identified in this certificate of representation, daily for a period of one week in a newspaper of general circulation in the area where the source is located or in a State publication designed to give general public notice.

I certify that I have all necessary authority to carry out my duties and responsibilities under the Acid Rain Program on behalf of the owners and operators of the affected source and of each affected unit at the source and that each such owner and operator shall be fully bound by my actions, inactions, or submissions.

I certify that I shall abide by any fiduciary responsibilities imposed by the agreement by which I was selected as designated representative or alternate designated representative, as applicable.

I certify that the owners and operators of the affected source and of each affected unit at the source shall be bound by any order issued to me by the Administrator, the permitting authority, or a court regarding the source or unit.

Where there are multiple holders of a legal or equitable title to, or a leasehold interest in, an affected unit, or where a utility or industrial customer purchases power from an affected unit under life-of-the-unit, firm power contractual arrangements, I certify that:

I have given a written notice of my selection as the designated representative or alternate designated representative, as applicable, and of the agreement by which I was selected to each owner and operator of the affected source and of each affected unit at the source; and

Allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in proportion to each holder's legal, equitable, leasehold, or contractual reservation or entitlement or, if such multiple holders have expressly provided for a different distribution of allowances by contract, that allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in accordance with the contract.

The agreement by which I was selected as the alternate designated representative includes a procedure for the owners and operators of the source and affected units at the source to authorize the alternate designated representative to act in lieu of the designated representative.

Crist Electric Generating Plant
Plant Name (from Step 1)

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.

<i>Earl B. Parsons Jr.</i> Signature (designated representative)	Date <i>2/10/93</i>
<i>William J. Gilman</i> Signature (alternate)	Date <i>2/8/93</i>

STEP 5
Provide the name of every owner and operator of the source and each affected unit at the source. Identify the units they own and/or operate by boiler ID# from NADB. For owners only, identify each state or local utility regulatory authority with jurisdiction over each owner

Name Gulf Power Company						<input checked="" type="checkbox"/> Owner	<input checked="" type="checkbox"/> Operator
ID# 1	ID# 2	ID# 3	ID# 4	ID# 5	ID# 6	ID# 7	
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
Florida Public Service Commission Regulatory Authorities							

Name						<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
Regulatory Authorities							

Name						<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
Regulatory Authorities							

Name						<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
Regulatory Authorities							



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

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

MAR 15 1993

4APT-AE

Mr. Earl B. Parsons, Jr., Vice President
Power Generation and Transmission
Gulf Power Company
P.O. Box 1151
Pensacola, Florida 32520-0100

Dear Mr. Parsons:

Thank you for your timely submission of the Acid Rain Permit Application for Gulf Power Company-Crist Electric Generating Plant in Pensacola, Florida. We have reviewed the application and have found it to be complete.

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

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

Sincerely yours,

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

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

cc: Tom Cascio, FDER
Jim Vick, Gulf Power Company
Dwain Waters, Gulf Power Company
Danny Herrin, Southern Company Services, Inc.

received
MAR 17 1993



March 11, 1993

Ms. Karen Kent
U.S. Environmental Protection Agency
Acid Rain Division (6204J)
Attention: Early Ranking
401 M Street, S.W.
Washington, D.C. 20460

Dear Ms. Kent:

Thank you for your telephone call informing me of the one ton discrepancy between Virginia Power's Phase I Early Ranking application Column (d) value for steps 35, 38 and 41 and your value.

My staff has advised me that more than four significant places to the right of the decimal for the step 34 value were used in their calculations. Because they did not round off to four significant places before performing the multiplication called for by steps 35, 38 and 41, a one ton difference in estimated emissions for 1997, 1998 and 1999 resulted. The correct emissions estimate for each of the three years is 57,448 tons.

We understand that this discrepancy will not affect the validity of the application or the allocation of extension and bonus allowances requested by us.

I regret any inconvenience this matter may have caused you.

Very truly yours,

A handwritten signature in cursive script, appearing to read "John A. Ahladas".

John A. Ahladas
Designated Representative



Phase I Extension Early Ranking

received
2/16/93 RLH

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

This submission is: New Revised

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

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

Control Units

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

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

- A copy of the executed contract or contracts for the design engineering and construction of qualifying Phase I technology at each control unit is included.
- OR
- A binding letter of agreement for each executed contract for the design engineering and construction of qualifying Phase I technology at each control unit is included, in accordance with 40 CFR 72.42(c)(11). The actual contracts are on file and will be submitted to the Administrator upon written request.
- A vendor certification of the sulfur dioxide removal efficiency guaranteed to be achievable by the qualifying Phase I technology for the type and range of fossil fuels (before any treatment prior to combustion) that will be used at the control unit is included. The vendor certification shall not be a defense against a control unit's failure to achieve 90% control of sulfur dioxide.

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

Transfer Units

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

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

Special Provisions

Sulfur Dioxide Emissions Limitations.

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

Nitrogen Oxides Emissions Limitations.

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

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

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

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

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

Certification

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

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

ANNUAL AVERAGE TONS OF SO₂ FOR 1988 AND 1989

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

PROJECTED SO₂ EMISSIONS 1995

STEP 9 Enter projected utilization for 1995 rounded to the nearest mmBtu	35176612 <small>mmBtu</small>			39118174 <small>mmBtu</small>	38210587 <small>mmBtu</small>	32,490,351 <small>mmBtu</small>
STEP 10 Enter projected uncontrolled SO ₂ emission rate for 1995 to 4 decimal places	2.9015 <small>lbs/mmBtu</small>			2.9092 <small>lbs/mmBtu</small>	2.9102 <small>lbs/mmBtu</small>	4.6550 <small>lbs/mmBtu</small>
STEP 11 Multiply Step 9 entry by Step 10 entry, divide by 2000 and enter result	51032 <small>tons</small>			56901 <small>tons</small>	55600 <small>tons</small>	75,621 <small>tons</small>

PROJECTED SO₂ EMISSIONS 1996

STEP 12 Enter projected utilization for 1996 rounded to the nearest mmBtu	35176612 <small>mmBtu</small>			39118174 <small>mmBtu</small>	38210587 <small>mmBtu</small>	32,490,351 <small>mmBtu</small>
STEP 13 Enter projected uncontrolled SO ₂ emission rate for 1996 to 4 decimal places	2.9015 <small>lbs/mmBtu</small>			2.9092 <small>lbs/mmBtu</small>	2.9102 <small>lbs/mmBtu</small>	4.6550 <small>lbs/mmBtu</small>
STEP 14 Multiply Step 12 entry by Step 13 entry, divide by 2000, round to the nearest ton, and enter result	51032 <small>tons</small>			56901 <small>tons</small>	55600 <small>tons</small>	75,621 <small>tons</small>

RESERVE ALLOWANCE CALCULATIONS

	Control Units			Transfer Units		
	a	b	c	d	e	f
STEP 15 Enter baseline (see special instructions)	33941590 mmBtu			34978581 mmBtu	32815818 mmBtu	22,528,658 mmBtu

STEP 16 Multiply Step 15 entry by 2.5, divide by 2000, round to the nearest ton, and enter result	42427 tons			43723 tons	41020 tons	28,161 tons
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ALLOWANCES AVAILABLE FOR 1995

STEP 17 Subtract Step 16 entry from lesser of Step 8 or Step 11 entry and enter result	8545 allowances			6911 allowances	10559 allowances	33,994 allowances
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TRANSFER CAPACITY CHECK FOR 1995

STEP 18 (Control Units Only) For Table 1 units, enter allowance allocation from Table 1. For non-Table 1 units, enter allocation from the substitution or reduced utilization plan	42430 allowances		
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STEP 19 Multiply value at Step 11 by .1, round to the nearest ton, and enter result	5103 tons		
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STEP 20 Subtract Step 19 entry from Step 18 entry and enter result	37327 allowances		
--	---------------------	--	--

STEP 21 Enter total of all Step 20 entries	37327 allowances
--	---------------------

STEP 22 Enter total of all transfer unit entries in Step 17, including entries on copies, if any	51464 allowances
--	---------------------

ALLOWANCES REQUESTED FOR 1995

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

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

Plant Name (from Step 1) **Mt. Storm**

ALLOWANCES AVAILABLE FOR 1996

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

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

TRANSFER CAPACITY CHECK FOR 1996

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

42430		
allowances	allowances	allowances

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

5103		
tons	tons	tons

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

37327		
allowances	allowances	allowances

STEP 29
Enter total of all Step 28 entries

37327
allowances

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

51464
allowances

ALLOWANCES REQUESTED FOR 1996

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

6911	10559	19,857
allowances	allowances	allowances

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

TOTAL
45872
allowances

PROJECTED SO₂ EMISSIONS 1997

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

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

STEP 34
Enter projected SO₂ emissions rate for 1997 to 4 decimal places

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

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

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

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

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

PROJECTED SO₂ EMISSIONS 1998

Control Units

Transfer Units

STEP 36

Enter projected utilization for 1998 rounded to the nearest mmBtu

a	b	c	d	e	f
38985804 <small>mmBtu</small>			39495502 <small>mmBtu</small>	38470553 <small>mmBtu</small>	20,924,528 <small>mmBtu</small>

STEP 37

Enter projected SO₂ emission rate for 1998 to 4 decimal places

.2611 <small>lbs/mmBtu</small>			2.9091 <small>lbs/mmBtu</small>	2.9102 <small>lbs/mmBtu</small>	4.6550 <small>lbs/mmBtu</small>
-----------------------------------	--	--	------------------------------------	------------------------------------	------------------------------------

STEP 38

Multiply Step 36 entry by Step 37 entry, divide by 2000, round to the nearest ton, and enter result

5090 <small>tons</small>			57449 57,449 57,448 <small>tons</small>	55979 <small>tons</small>	48,702 <small>tons</small>
-----------------------------	--	--	---	------------------------------	-------------------------------

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

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

PROJECTED SO₂ EMISSIONS 1999

STEP 39

Enter projected utilization for 1999 rounded to the nearest mmBtu

38985804 <small>mmBtu</small>			39495502 <small>mmBtu</small>	38470553 <small>mmBtu</small>	20,924,528 <small>mmBtu</small>
----------------------------------	--	--	----------------------------------	----------------------------------	------------------------------------

STEP 40

Enter projected SO₂ emission rate for 1999 to 4 decimal places

.2611 <small>lbs/mmBtu</small>			2.9091 <small>lbs/mmBtu</small>	2.9102 <small>lbs/mmBtu</small>	4.6550 <small>lbs/mmBtu</small>
-----------------------------------	--	--	------------------------------------	------------------------------------	------------------------------------

STEP 41

Multiply Step 39 entry by Step 40 entry, divide by 2000, round to the nearest ton, and enter result

5090 <small>tons</small>			57449 57,449 57,448 <small>tons</small>	55979 <small>tons</small>	48,702 <small>tons</small>
-----------------------------	--	--	---	------------------------------	-------------------------------

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

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

RESERVE ALLOWANCE CALCULATION 1997, 1998, AND 1999

STEP 42

For control units only, multiply baseline entered at Step 15 by 1.2, then divide by 2000

20365 <small>tons</small>		
------------------------------	--	--

STEP 43 (1997)

Subtract Step 35 entry from Step 42 entry, round to the nearest ton, then total the entries

15275 <small>allowances</small>		
------------------------------------	--	--

TOTAL

15275 <small>allowances</small>

STEP 44 (1998)

Subtract Step 38 entry from Step 42 entry, round to the nearest ton, then total the entries

15275 <small>allowances</small>		
------------------------------------	--	--

15275 <small>allowances</small>

STEP 45 (1999)

Subtract Step 41 entry from Step 42 entry, round to the nearest ton, then total the entries

15275 <small>allowances</small>		
------------------------------------	--	--

15275 <small>allowances</small>

TOTAL RESERVE ALLOWANCES

STEP 46

Add together totals at Steps 24, 32, 43, 44, and 45, and enter result

137569 <small>allowances</small>

received
2/16/93 RLR

PHASE I EXTENSION EARLY RANKING
VENDOR CERTIFICATION OF
QUALIFYING TECHNOLOGY GUARANTEE

Control Facility: Mt. Storm Unit 3

Vendor: General Electric Environmental Services, Inc.

Description of Qualifying Phase I Technology:

One complete flue gas desulfurization plant and system of a single loop forced oxidation wet limestone design

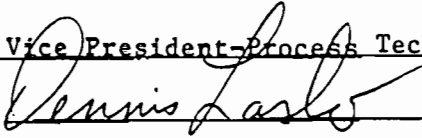
Characteristics of the fuel or range of fuels for which this technology is designed:

Bituminous coal with a sulfur content ranging from 0.6% to 2.25%.

This is to certify that an SO₂ removal efficiency of 93.5% with annual reliability of 98% (without addition of organic acid) is guaranteed to be achievable by the qualifying Phase I technology for the type and range of fossil fuels (before any treatment prior to combustion) that will be used at the Control Unit, in accordance with Contract No. PR-LL1001-000 effective December 31, 1991.

For (Name of Vendor): GENERAL ELECTRIC ENVIRONMENTAL SERVICES, INC.

Title: Vice President-Process Technology

Signature: 

Date: 2-9-93

QUALIFYING PHASE I TECHNOLOGY CONTRACT

The contract for the qualifying Phase I technology to be employed by the control unit(s) in this application is on file at the Acid Rain Division, U.S. EPA, Washington, D.C. The contract may include confidential business information. Please contact Jim Topsale at (215) 597-6553 for more information.

**U.S. Environmental Protection Agency
Acid Rain Division
Washington, DC**

March 31, 1993

Phase I Extension Lottery Results

Today, EPA held a lottery to determine the order in which it will act on applications for Phase I extensions under the Acid Rain Program. The results of the lottery are attached.

The Phase I extension provision of the Acid Rain Program creates a reserve of 3.5 million sulfur dioxide (SO₂) allowances to be awarded during Phase I to electric utilities that commit to install high efficiency removal technologies. An allowance is a limited authorization, established under the 1990 CAA, for utility sources to emit one ton of SO₂. To qualify for the extension, the technology must remove at least 90% of the unit's SO₂ emissions and must begin operation by January 1, 1997.

Of the 17 applications ranked in today's lottery, most will install technologies which achieve greater than 90% removal of sulfur dioxide -- one as high as 98%. Furthermore, the majority of applicants plan to operate the technology a year or more earlier than required. The result of these actions will be more rapid reduction of SO₂ emissions and more far-reaching reduction.

The ranking of the 17 applications is needed because the utilities requested allowances in excess of the 3.5 million available in the Phase I extension reserve. After today's action, EPA will review each application in the determined order and award the number of allowances for which it is eligible until the reserve is exhausted. After the reserve is exhausted, applications will not be granted a Phase I extension and will not receive reserve allowances. EPA expects that even those utilities that do not receive reserve allowances will install and operate control technologies.

Although the rank order of applications determined today is definitive unless an applicant is removed from the list or chooses to withdraw the application, the number of allowances EPA will award to each application will not be final until EPA issues an Acid Rain Permit to each source with a unit governed by the application.

Today's announcement will not appear in the Federal Register. For more information, contact Karen Kent at 202-233-9119.

U.S. Environmental Protection Agency
 Acid Rain Program
 Phase I Extension Application Ranking Lottery
 Report and Certification

I. LOTTERY TEAM

Date: 03/31/93

Name of Lottery Official <i>DONNA R. SEARCY</i>	Office <i>SECRETARY</i>	Phone <i>632-6410</i>
Name of Assistant No. 1 <i>William Caton</i>	Office <i>O SEC/FCC</i>	Phone <i>632-6410</i>
Name of Assistant No. 2 <i>KAREN KENT</i>	Office <i>EPA</i>	Phone <i>233-9119</i>
Name of Person Drawing <i>CHARLES HARRINGTON</i>	Office <i>OSEC/FCC</i>	Phone <i>632-6410</i>

II. DRAWING RESULTS

Rank	Applic. ID#	Name of Controlled Source	Unit	State	Utility Company
1	9	<i>Mhent</i>	1	KY	<i>Kentucky Utilities Co.</i>
2	16	<i>Wabash River</i>	1	TN	<i>PSI Energy</i>
3	5	<i>Chamberland</i>	1,2	TN	<i>Tennessee Valley Auth</i>
4	2	<i>Bailey</i>	7,8	IN	<i>Indianapolis Pub Service Co</i>
5	4	<i>Conenbaugh</i>	1,2	PA	<i>PA Electric Company</i>
6	17	<i>Wates</i>	VI, BR	GA	<i>Georgia Power</i>
7	1	<i>B L England</i>	2	VT	<i>Atlantic Electric</i>
8	3	<i>Chalk Point</i>	2	MD	<i>Potomac Electric Power Co.</i>
9	8	<i>Gen J M bavin</i>	1,2	OH	<i>American Electric Power</i>
10	12	<i>Harrison</i>	1,2,3	WV	<i>Allegheny Power System</i>
11	14	<i>Mt Storm</i>	3	WV	<i>Virginid Power</i>
12	11	<i>HMP & L Sk 2</i>	41, 42	KY	<i>Big Rivers Elec Corp</i>
13	10	<i>Gibson</i>	4	IN	<i>PSI Energy</i>
14	13	<i>Milliken</i>	1,2	NY	<i>NY State Elec & Gas</i>
15	15	<i>Petersburg</i>	1,2	IA	<i>Indianapolis Power & Light</i>
16	6	<i>Elmer Smith</i>	1,2	KY	<i>Duaneboro Municipal Util</i>
17	7	<i>F B Culley</i>	2,3	IN	<i>S. Indiana Gas & Elect Co</i>

III. CERTIFICATION

(FCC Seal)	On the above date I witnessed the set-up of the Phase 1 Extension Application Ranking Lottery and the drawing of the numbers indicated above. During the Drawing process, the numbers were drawn in accordance with applicable procedures.	
	Name of Lottery Official <i>DONNA R. SEARCY</i>	Phone <i>632-6410</i>
	Signature <i>Donna R. Searcy</i>	Date <i>03/31/93</i>



INDIANAPOLIS POWER & LIGHT COMPANY

received

MAR 30 1993

March 30, 1993

Ms. Karen Kent
Acid Rain Division
U.S. Environmental Protection Agency
501 3rd Street, N.W. Fourth Floor
Washington, D.C. 20001

ATTENTION: Phase I Extension Early Ranking Application
Correction to page 8 of 10 and page 3 of 10

Dear Ms. Kent:

This fax is to confirm changes to the Early Ranking form which you discussed this morning with Lisa Tavormina of IPL's Environmental Affairs Department. The changes include the following:

1. On page 8 of 10 Steps 36f and 39f should both read 5,417,000 mmBtu.
2. On page 3 of 10 Step 8f should read 10,304.

If you have any questions regarding this matter, please contact me at (317) 261-8556.

Sincerely yours,

Robert A. McKnight
Designated Representative for the
Indianapolis Power & Light Company

Enclosure



INDIANAPOLIS POWER & LIGHT COMPANY

received
FEB 19 1993

February 19, 1993

BY HAND DELIVERY

Ms. Karen Kent
Acid Rain Division
U.S. Environmental Protection Agency
501 3rd Street, N.W. Fourth Floor
Washington, D.C. 20001

ATTENTION: Phase I Extension Early Ranking Application
Correction to page 8 of 10

Dear Ms. Kent:

Enclosed are four copies of a revised page of the Phase I Extension Early Ranking form. The number of allowances entered in Step 46 on page 8 of 10 of this form, originally submitted on February 16, 1993, was incorrect. The allowances entered in Steps 24 and 32 were inadvertently omitted from the Total Reserve Allowances entered in Step 46. Please replace the corresponding page in the original submittal with the attached copies.

If you have any questions regarding this matter, please contact me at (317) 261-8556.

Sincerely yours,

Robert A. McKnight
Designated Representative for the
Indianapolis Power & Light Company

Enclosure

ALLOWANCES AVAILABLE FOR 1996

Control Units

Transfer Units

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

a	b	c	D	E	F
8725 <small>allowances</small>	7085 <small>allowances</small>	 <small>allowances</small>	570 <small>allowances</small>	8762 <small>allowances</small>	1115 <small>allowances</small>

TRANSFER CAPACITY CHECK FOR 1996

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

18498 <small>allowances</small>	36455 <small>allowances</small>	 <small>allowances</small>
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STEP 27
Multiply value at Step 14 by .1, round to the nearest ton, and enter result

3263 <small>tons</small>	5628 <small>tons</small>	 <small>tons</small>
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STEP 28
Subtract Step 27 entry from Step 26 entry and enter result

15235 <small>allowances</small>	30827 <small>allowances</small>	 <small>allowances</small>
------------------------------------	------------------------------------	-------------------------------

STEP 29
Enter total of all Step 28 entries

46062 <small>allowances</small>

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

59607 <small>allowances</small>

ALLOWANCES REQUESTED FOR 1996

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

570 <small>allowances</small>	8762 <small>allowances</small>	1115 <small>allowances</small>
----------------------------------	-----------------------------------	-----------------------------------

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

TOTAL
61872 <small>allowances</small>

PROJECTED SO₂ EMISSIONS 1997

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

16,625,000 <small>mmBtu</small>	28,591,000 <small>mmBtu</small>	 <small>mmBtu</small>	5,115,000 <small>mmBtu</small>	22,097,000 <small>mmBtu</small>	5,417,000 <small>mmBtu</small>
------------------------------------	------------------------------------	--------------------------	-----------------------------------	------------------------------------	-----------------------------------

STEP 34
Enter projected SO₂ emissions rate for 1997 to 4 decimal places

0.2450 <small>lbs/mmBtu</small>	0.2450 <small>lbs/mmBtu</small>	 <small>lbs/mmBtu</small>	3.4700 <small>lbs/mmBtu</small>	3.4700 <small>lbs/mmBtu</small>	2.5700 <small>lbs/mmBtu</small>
------------------------------------	------------------------------------	------------------------------	------------------------------------	------------------------------------	------------------------------------

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

2037 <small>tons</small>	3502 <small>tons</small>	 <small>tons</small>	8875 <small>tons</small>	38338 <small>tons</small>	6961 <small>tons</small>
-----------------------------	-----------------------------	-------------------------	-----------------------------	------------------------------	-----------------------------

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

KC 2/20/93
Replaced with
new page
received
2/19/93

PROJECTED SO₂ EMISSIONS 1998

Control Units

Transfer Units

STEP 36
Enter projected utilization for 1998 rounded to the nearest mmBtu

a	b	c	D	E	F
16,625,000 mmBtu	28,591,000 mmBtu		5,115,000 mmBtu	22,097,040 mmBtu	5,419,000 mmBtu

STEP 37
Enter projected SO₂ emission rate for 1998 to 4 decimal places

0.2450 lbs/mmBtu	0.2450 lbs/mmBtu		3.4700 lbs/mmBtu	3.4700 lbs/mmBtu	2.5700 lbs/mmBtu
---------------------	---------------------	--	---------------------	---------------------	---------------------

STEP 38
Multiply Step 36 entry by Step 37 entry, divide by 2000, round to the nearest ton, and enter result

2037 tons	3502 tons		8875 tons	38338 tons	6961 tons
--------------	--------------	--	--------------	---------------	--------------

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

PROJECTED SO₂ EMISSIONS 1999

STEP 39
Enter projected utilization for 1999 rounded to the nearest mmBtu

16,625,000 mmBtu	28,591,000 mmBtu		5,115,000 mmBtu	22,097,000 mmBtu	5,419,000 mmBtu
---------------------	---------------------	--	--------------------	---------------------	--------------------

STEP 40
Enter projected SO₂ emission rate for 1999 to 4 decimal places

0.2450 lbs/mmBtu	0.2450 lbs/mmBtu		3.4700 lbs/mmBtu	3.4700 lbs/mmBtu	2.5700 lbs/mmBtu
---------------------	---------------------	--	---------------------	---------------------	---------------------

STEP 41
Multiply Step 39 entry by Step 40 entry, divide by 2000, round to the nearest ton, and enter result

2037 tons	3502 tons		8875 tons	38338 tons	6961 tons
--------------	--------------	--	--------------	---------------	--------------

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

RESERVE ALLOWANCE CALCULATION 1997, 1998, AND 1999

STEP 42
For control units only, multiply baseline entered at Step 15 by 1.2, then divide by 2000

7889 tons	15544 tons	
--------------	---------------	--

STEP 43 (1997)
Subtract Step 35 entry from Step 42 entry, round to the nearest ton, then total the entries

			TOTAL
5852 allowances	12041 allowances		17893 allowances

STEP 44 (1998)
Subtract Step 38 entry from Step 42 entry, round to the nearest ton, then total the entries

5852 allowances	12041 allowances		17893 allowances
--------------------	---------------------	--	---------------------

STEP 45 (1999)
Subtract Step 41 entry from Step 42 entry, round to the nearest ton, then total the entries

5852 allowances	12041 allowances		17893 allowances
--------------------	---------------------	--	---------------------

TOTAL RESERVE ALLOWANCES

STEP 46
Add together totals at Steps 24, 32, 43, 44, and 45, and enter result
EPA Form 7610-2 (11-92)

53679 allowances



Phase I Extension Early Ranking

received
2/16/93 RLW

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

This submission is: New Revised

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

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

Control Units

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

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

- A copy of the executed contract or contracts for the design engineering and construction of qualifying Phase I technology at each control unit is included.
- OR
- A binding letter of agreement for each executed contract for the design engineering and construction of qualifying Phase I technology at each control unit is included, in accordance with 40 CFR 72.42(c)(11). The actual contracts are on file and will be submitted to the Administrator upon written request.
- A vendor certification of the sulfur dioxide removal efficiency guaranteed to be achievable by the qualifying Phase I technology for the type and range of fossil fuels (before any treatment prior to combustion) that will be used at the control unit is included. The vendor certification shall not be a defense against a control unit's failure to achieve 90% control of sulfur dioxide.

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

Transfer Units

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

Plant Name (from Step 1) **Petersburg**

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

Special Provisions

Sulfur Dioxide Emissions Limitations.

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

Nitrogen Oxides Emissions Limitations.

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

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

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

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

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

Certification

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

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

Petersburg
Plant Name (from Step 1)

ANNUAL AVERAGE TONS OF SO₂ FOR 1988 AND 1989

	Control Units			Transfer Units		
	a	b	c	D	E	F
STEP 6 Identify transfer units. Enter total 1988 SO ₂ emissions for control and transfer units	25125 <small>tons</small>	38263 <small>tons</small>		4300 <small>tons</small>	32517 <small>tons</small>	11373 <small>tons</small>

STEP 7 Enter total 1989 SO ₂ emissions for each unit	25194 <small>tons</small>	40672 <small>tons</small>		4607 <small>tons</small>	32221 <small>tons</small>	9234 <small>tons</small>
--	------------------------------	------------------------------	--	-----------------------------	------------------------------	-----------------------------

STEP 8 Add Step 6 entry to Step 7 entry, divide by 2 and enter result	25160 <small>tons</small>	39468 <small>tons</small>		4454 <small>tons</small>	32369 <small>tons</small>	10304 10303 <small>tons</small>
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*KK 3/30/93
see fax.*

PROJECTED SO₂ EMISSIONS 1995

STEP 9 Enter projected utilization for 1995 rounded to the nearest mmBtu	16,861,633 <small>mmBtu</small>	29,082,887 <small>mmBtu</small>		4,729,565 <small>mmBtu</small>	21,079,130 <small>mmBtu</small>	5,356,667 <small>mmBtu</small>
--	------------------------------------	------------------------------------	--	-----------------------------------	------------------------------------	-----------------------------------

STEP 10 Enter projected uncontrolled SO ₂ emission rate for 1995 to 4 decimal places	3.8700 <small>lbs/mmBtu</small>	3.8700 <small>lbs/mmBtu</small>		3.4600 <small>lbs/mmBtu</small>	3.4600 <small>lbs/mmBtu</small>	2.5700 <small>lbs/mmBtu</small>
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STEP 11 Multiply Step 9 entry by Step 10 entry, divide by 2000 and enter result	32627 <small>tons</small>	56275 <small>tons</small>		8182 <small>tons</small>	36467 <small>tons</small>	6883 <small>tons</small>
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PROJECTED SO₂ EMISSIONS 1996

STEP 12 Enter projected utilization for 1996 rounded to the nearest mmBtu	16,861,633 <small>mmBtu</small>	29,082,887 <small>mmBtu</small>		4,729,565 <small>mmBtu</small>	21,079,130 <small>mmBtu</small>	5,356,667 <small>mmBtu</small>
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STEP 13 Enter projected uncontrolled SO ₂ emission rate for 1996 to 4 decimal places	3.8700 <small>lbs/mmBtu</small>	3.8700 <small>lbs/mmBtu</small>		3.4600 <small>lbs/mmBtu</small>	3.4600 <small>lbs/mmBtu</small>	2.5700 <small>lbs/mmBtu</small>
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STEP 14 Multiply Step 12 entry by Step 13 entry, divide by 2000, round to the nearest ton, and enter result	32627 <small>tons</small>	56275 <small>tons</small>		8182 <small>tons</small>	36467 <small>tons</small>	6883 <small>tons</small>
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Petersburg

Plant Name (from Step 1)

RESERVE ALLOWANCE CALCULATIONS

	Control Units			Transfer Units		
	a	b	c	D	E	F
STEP 15 Enter baseline (see special instructions)	13,147,690 <small>mmBtu</small>	25,906,160 <small>mmBtu</small>	 <small>mmBtu</small>	3,107,209 <small>mmBtu</small>	18,885,930 <small>mmBtu</small>	4,614,221 <small>mmBtu</small>

STEP 16 Multiply Step 15 entry by 2.5, divide by 2000, round to the nearest ton, and enter result	16435 <small>tons</small>	32383 <small>tons</small>	 <small>tons</small>	3884 <small>tons</small>	23607 <small>tons</small>	5768 <small>tons</small>
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ALLOWANCES AVAILABLE FOR 1995

STEP 17 Subtract Step 16 entry from lesser of Step 8 or Step 11 entry and enter result	8725 <small>allowances</small>	7085 <small>allowances</small>	 <small>allowances</small>	570 <small>allowances</small>	8762 <small>allowances</small>	1115 <small>allowances</small>
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TRANSFER CAPACITY CHECK FOR 1995

STEP 18
(Control Units Only)
For Table 1 units, enter allowance allocation from Table 1. For non-Table 1 units, enter allocation from the substitution or reduced utilization plan

18498 <small>allowances</small>	36455 <small>allowances</small>	 <small>allowances</small>
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STEP 19
Multiply value at Step 11 by .1, round to the nearest ton, and enter result

3263 <small>tons</small>	5628 <small>tons</small>	 <small>tons</small>
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STEP 20
Subtract Step 19 entry from Step 18 entry and enter result

15235 <small>allowances</small>	30827 <small>allowances</small>	 <small>allowances</small>
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STEP 21
Enter total of all Step 20 entries

46062 <small>allowances</small>

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

59607 <small>allowances</small>

ALLOWANCES REQUESTED FOR 1995

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

570 <small>allowances</small>	8762 <small>allowances</small>	1115 <small>allowances</small>
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STEP 24
Add entries at Step 17 columns (a), (b), and (c) only and Step 23, including entries on copies, if any

TOTAL
61872 <small>allowances</small>

Petersburg
Plant Name (from Step 1)

ANNUAL AVERAGE TONS OF SO₂ FOR 1988 AND 1989

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

PROJECTED SO₂ EMISSIONS 1995

STEP 9 Enter projected utilization for 1995 rounded to the nearest mmBtu	mmBtu	mmBtu	mmBtu	17,088,116 mmBtu	31,219,775 mmBtu	22,374,363 mmBtu
STEP 10 Enter projected uncontrolled SO ₂ emission rate for 1995 to 4 decimal places	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	3.8425 lbs/mmBtu	3.8425 lbs/mmBtu	4.6750 lbs/mmBtu
STEP 11 Multiply Step 9 entry by Step 10 entry, divide by 2000 and enter result	tons	tons	tons	32831 tons	59981 tons	52300 tons

PROJECTED SO₂ EMISSIONS 1996

STEP 12 Enter projected utilization for 1996 rounded to the nearest mmBtu	mmBtu	mmBtu	mmBtu	17,088,116 mmBtu	31,219,775 mmBtu	22,374,363 mmBtu
STEP 13 Enter projected uncontrolled SO ₂ emission rate for 1996 to 4 decimal places	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	3.8425 lbs/mmBtu	3.8425 lbs/mmBtu	4.6750 lbs/mmBtu
STEP 14 Multiply Step 12 entry by Step 13 entry, divide by 2000, round to the nearest ton, and enter result	tons	tons	tons	32831 tons	59981 tons	52300 tons

Plant Name (from Step 1) Petersburg

RESERVE ALLOWANCE CALCULATIONS

	Control Units			Transfer Units		
	a	b	c	G	H	I
STEP 15 Enter baseline (see special instructions)	mmBtu	mmBtu	mmBtu	14,329,813 mmBtu	29,357,704 mmBtu	15,362,937 mmBtu

STEP 16 Multiply Step 15 entry by 2.5, divide by 2000, round to the nearest ton, and enter result	tons	tons	tons	17912 tons	36697 tons	19204 tons
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ALLOWANCES AVAILABLE FOR 1995

STEP 17 Subtract Step 16 entry from lesser of Step 8 or Step 11 entry and enter result	allowances	allowances	allowances	13297 allowances	15748 allowances	20115 allowances
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TRANSFER CAPACITY CHECK FOR 1995

STEP 18
(Control Units Only)
For Table 1 units, enter allowance allocation from Table 1. For non-Table 1 units, enter allocation from the substitution or reduced utilization plan

allowances	allowances	allowances
------------	------------	------------

STEP 19
Multiply value at Step 11 by .1, round to the nearest ton, and enter result

tons	tons	tons
------	------	------

STEP 20
Subtract Step 19 entry from Step 18 entry and enter result

allowances	allowances	allowances
------------	------------	------------

STEP 21
Enter total of all Step 20 entries

allowances

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

allowances

ALLOWANCES REQUESTED FOR 1995

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

13297 allowances	15748 allowances	6570 allowances
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STEP 24
Add entries at Step 17 columns (a), (b), and (c) only and Step 23, including entries on copies, if any

TOTAL

allowances

Plant Name (from Step 1) Petersburg

ALLOWANCES AVAILABLE FOR 1996

Control Units

Transfer Units

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

a	b	c	D	E	F
8725 allowances	7085 allowances		570 allowances	8762 allowances	1115 allowances

TRANSFER CAPACITY CHECK FOR 1996

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

18498 allowances	36455 allowances	
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STEP 27
Multiply value at Step 14 by .1, round to the nearest ton, and enter result

3263 tons	5628 tons	
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STEP 28
Subtract Step 27 entry from Step 26 entry and enter result

15235 allowances	30827 allowances	
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STEP 29
Enter total of all Step 28 entries

46062 allowances

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

59607 allowances

ALLOWANCES REQUESTED FOR 1996

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

570 allowances	8762 allowances	1115 allowances
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STEP 32
Add entries at Step 25 columns (a), (b), and (c) only and Step 31, including entries on copies, if any

TOTAL
61872 allowances

PROJECTED SO₂ EMISSIONS 1997

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

16,625,000 mmBtu	28,591,000 mmBtu		5,115,000 mmBtu	22,097,000 mmBtu	5,417,000 mmBtu
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STEP 34
Enter projected SO₂ emissions rate for 1997 to 4 decimal places

0.2450 lbs/mmBtu	0.2450 lbs/mmBtu		3.4700 lbs/mmBtu	3.4700 lbs/mmBtu	2.5700 lbs/mmBtu
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STEP 35
Multiply Step 33 entry by Step 34 entry, divide by 2000, round to the nearest ton, and enter result

2037 tons	3502 tons		8875 tons	38338 tons	6961 tons
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NOTE - The entries at Step 35 are your enforceable limit for 1997

PROJECTED SO₂ EMISSIONS 1998

STEP 36
Enter projected utilization for 1998 rounded to the nearest mmBtu

a	b	c	D	E	F
16,625,000 mmBtu	28,591,000 mmBtu		5,115,000 mmBtu	22,097,040 mmBtu	5,417,000 5,419,000 mmBtu

STEP 37
Enter projected SO₂ emission rate for 1998 to 4 decimal places

0.2450 lbs/mmBtu	0.2450 lbs/mmBtu		3.4700 lbs/mmBtu	3.4700 lbs/mmBtu	2.5700 lbs/mmBtu
---------------------	---------------------	--	---------------------	---------------------	---------------------

STEP 38
Multiply Step 36 entry by Step 37 entry, divide by 2000, round to the nearest ton, and enter result

2037 tons	3502 tons		8875 tons	38338 tons	6961 tons
--------------	--------------	--	--------------	---------------	--------------

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

PROJECTED SO₂ EMISSIONS 1999

STEP 39
Enter projected utilization for 1999 rounded to the nearest mmBtu

16,625,000 mmBtu	28,591,000 mmBtu		5,115,000 mmBtu	22,097,000 mmBtu	5,419,000 mmBtu
---------------------	---------------------	--	--------------------	---------------------	--------------------

STEP 40
Enter projected SO₂ emission rate for 1999 to 4 decimal places

0.2450 lbs/mmBtu	0.2450 lbs/mmBtu		3.4700 lbs/mmBtu	3.4700 lbs/mmBtu	2.5700 lbs/mmBtu
---------------------	---------------------	--	---------------------	---------------------	---------------------

STEP 41
Multiply Step 39 entry by Step 40 entry, divide by 2000, round to the nearest ton, and enter result

2037 tons	3502 tons		8875 tons	38338 tons	6961 tons
--------------	--------------	--	--------------	---------------	--------------

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

RESERVE ALLOWANCE CALCULATION 1997, 1998, AND 1999

STEP 42
For control units only, multiply baseline entered at Step 15 by 1.2, then divide by 2000

7889 tons	15544 tons	
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STEP 43 (1997)
Subtract Step 35 entry from Step 42 entry, round to the nearest ton, then total the entries

5852 allowances	12041 allowances		TOTAL 17893 allowances
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STEP 44 (1998)
Subtract Step 38 entry from Step 42 entry, round to the nearest ton, then total the entries

5852 allowances	12041 allowances		17893 allowances
--------------------	---------------------	--	---------------------

STEP 45 (1999)
Subtract Step 41 entry from Step 42 entry, round to the nearest ton, then total the entries

5852 allowances	12041 allowances		17893 allowances
--------------------	---------------------	--	---------------------

TOTAL RESERVE ALLOWANCES

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

177,423 allowances

ALLOWANCES AVAILABLE FOR 1996

Control Units

Transfer Units

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

	a	b	c	G	H	I
	allowances	allowances	allowances	13297 allowances	15748 allowances	20,115 allowances

TRANSFER CAPACITY CHECK FOR 1996

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

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

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

allowances	allowances	allowances
------------	------------	------------

STEP 29
Enter total of all Step 28 entries

allowances

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

allowances

ALLOWANCES REQUESTED FOR 1996

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

13297 allowances	15748 allowances	6570 allowances
---------------------	---------------------	--------------------

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

TOTAL allowances

PROJECTED SO₂ EMISSIONS 1997

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

mmBtu	mmBtu	mmBtu	12,173,891 mmBtu	23,617,006 mmBtu	14,200,501 mmBtu
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STEP 34
Enter projected SO₂ emissions rate for 1997 to 4 decimal places

lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	3.8425 lbs/mmBtu	3.8425 lbs/mmBtu	4.6750 lbs/mmBtu
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STEP 35
Multiply Step 33 entry by Step 34 entry, divide by 2000, round to the nearest ton, and enter result

tons	tons	tons	23389 tons	45374 tons	33194 tons
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NOTE -- The entries at Step 35 are your enforceable limit for 1997

PROJECTED SO₂ EMISSIONS 1998

Control Units

Transfer Units

STEP 36
Enter projected utilization for 1998 rounded to the nearest mmBtu

a	b	c	G	H	I
			12,173,891	23,617,006	14,200,501
mmBtu	mmBtu	mmBtu	mmBtu	mmBtu	mmBtu

STEP 37
Enter projected SO₂ emission rate for 1998 to 4 decimal places

			3.8425	3.8425	4.6750
lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu

STEP 38
Multiply Step 36 entry by Step 37 entry, divide by 2000, round to the nearest ton, and enter result

			23389	45374	33194
tons	tons	tons	tons	tons	tons

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

PROJECTED SO₂ EMISSIONS 1999

STEP 39
Enter projected utilization for 1999 rounded to the nearest mmBtu

			12,173,891	23,617,006	14,200,501
mmBtu	mmBtu	mmBtu	mmBtu	mmBtu	mmBtu

STEP 40
Enter projected SO₂ emission rate for 1999 to 4 decimal places

			3.8425	3.8425	4.6750
lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu

STEP 41
Multiply Step 39 entry by Step 40 entry, divide by 2000, round to the nearest ton, and enter result

			23389	45374	33194
tons	tons	tons	tons	tons	tons

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

RESERVE ALLOWANCE CALCULATION 1997, 1998, AND 1999

STEP 42
For control units only, multiply baseline entered at Step 15 by 1.2, then divide by 2000

tons	tons	tons

STEP 43 (1997)
Subtract Step 35 entry from Step 42 entry, round to the nearest ton, then total the entries

			TOTAL
allowances	allowances	allowances	allowances

STEP 44 (1998)
Subtract Step 38 entry from Step 42 entry, round to the nearest ton, then total the entries

allowances	allowances	allowances	allowances
------------	------------	------------	------------

STEP 45 (1999)
Subtract Step 41 entry from Step 42 entry, round to the nearest ton, then total the entries

allowances	allowances	allowances	allowances
------------	------------	------------	------------

TOTAL RESERVE ALLOWANCES

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

allowances

ANNUAL AVERAGE TONS OF SO₂ FOR 1988 AND 1989

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

PROJECTED SO₂ EMISSIONS 1995

STEP 9 Enter projected utilization for 1995 rounded to the nearest mmBtu	35176612 <small>mmBtu</small>			39118174 <small>mmBtu</small>	38210587 <small>mmBtu</small>	32,490,351 <small>mmBtu</small>
STEP 10 Enter projected uncontrolled SO ₂ emission rate for 1995 to 4 decimal places	2.9015 <small>lbs/mmBtu</small>			2.9092 <small>lbs/mmBtu</small>	2.9102 <small>lbs/mmBtu</small>	4.6550 <small>lbs/mmBtu</small>
STEP 11 Multiply Step 9 entry by Step 10 entry, divide by 2000 and enter result	51032 <small>tons</small>			56901 <small>tons</small>	55600 <small>tons</small>	75,621 <small>tons</small>

PROJECTED SO₂ EMISSIONS 1996

STEP 12 Enter projected utilization for 1996 rounded to the nearest mmBtu	35176612 <small>mmBtu</small>			39118174 <small>mmBtu</small>	38210587 <small>mmBtu</small>	32,490,351 <small>mmBtu</small>
STEP 13 Enter projected uncontrolled SO ₂ emission rate for 1996 to 4 decimal places	2.9015 <small>lbs/mmBtu</small>			2.9092 <small>lbs/mmBtu</small>	2.9102 <small>lbs/mmBtu</small>	4.6550 <small>lbs/mmBtu</small>
STEP 14 Multiply Step 12 entry by Step 13 entry, divide by 2000, round to the nearest ton, and enter result	51032 <small>tons</small>			56901 <small>tons</small>	55600 <small>tons</small>	75,621 <small>tons</small>

RESERVE ALLOWANCE CALCULATIONS

	Control Units			Transfer Units		
	a	b	c	d	e	f
STEP 15 Enter baseline (see special instructions)	33941590 mmBtu			34978581 mmBtu	32815818 mmBtu	22,528,658 mmBtu

STEP 16 Multiply Step 15 entry by 2.5, divide by 2000, round to the nearest ton, and enter result	42427 tons			43723 tons	41020 tons	28,161 tons
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ALLOWANCES AVAILABLE FOR 1995

STEP 17 Subtract Step 16 entry from lesser of Step 8 or Step 11 entry and enter result	8545 allowances			6911 allowances	10559 allowances	33,994 allowances
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TRANSFER CAPACITY CHECK FOR 1995

STEP 18 (Control Units Only) For Table 1 units, enter allowance allocation from Table 1. For non-Table 1 units, enter allocation from the substitution or reduced utilization plan	42430 allowances		
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STEP 19 Multiply value at Step 11 by .1, round to the nearest ton, and enter result	5103 tons		
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STEP 20 Subtract Step 19 entry from Step 18 entry and enter result	37327 allowances		
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STEP 21 Enter total of all Step 20 entries	37327 allowances
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STEP 22 Enter total of all transfer unit entries in Step 17, including entries on copies, if any	51464 allowances
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ALLOWANCES REQUESTED FOR 1995

STEP 23 If Step 22 entry equals Step 21 entry, you may request the number of reserve allowances calculated for each transfer unit at Step 17. Enter those numbers here and on copies, if any. If Step 22 entry is greater than or less than Step 21 entry, adjust requested allowances as provided in the special instructions.	6911 allowances	10559 allowances	19,857 allowances
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STEP 24 Add entries at Step 17 columns (a), (b), and (c) only and Step 23, including entries on copies, if any	TOTAL 45872 allowances
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STEP 5
Complete Steps 6 through 46. Read the special provisions and certification, and print the name of the designated representative for each source identified in this plan. Each designated representative must sign and date

Special Provisions

Sulfur Dioxide Emissions Limitations.

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

Nitrogen Oxides Emissions Limitations.

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

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

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

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

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

Certification

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

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



Phase I Extension Early Ranking

received
2/16/93 RLM

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

This submission is: New Revised

Page 1 of 6

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

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

Control Units

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

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

- A copy of the executed contract or contracts for the design engineering and construction of qualifying Phase I technology at each control unit is included.
- OR
- A binding letter of agreement for each executed contract for the design engineering and construction of qualifying Phase I technology at each control unit is included, in accordance with 40 CFR 72.42(c)(11). The actual contracts are on file and will be submitted to the Administrator upon written request.
- A vendor certification of the sulfur dioxide removal efficiency guaranteed to be achievable by the qualifying Phase I technology for the type and range of fossil fuels (before any treatment prior to combustion) that will be used at the control unit is included. The vendor certification shall not be a defense against a control unit's failure to achieve 90% control of sulfur dioxide.

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

Transfer Units

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

PROJECTED SO₂ EMISSIONS 1998

Control Units

Transfer Units

STEP 36

Enter projected utilization for 1998 rounded to the nearest mmBtu

a	b	c	G	H	I
			12,173,891	23,617,006	14,200,501
mmBtu	mmBtu	mmBtu	mmBtu	mmBtu	mmBtu

STEP 37

Enter projected SO₂ emission rate for 1998 to 4 decimal places

			3.8425	3.8425	4.6750
lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu

STEP 38

Multiply Step 36 entry by Step 37 entry, divide by 2000, round to the nearest ton, and enter result

			23389	45374	33194
tons	tons	tons	tons	tons	tons

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

PROJECTED SO₂ EMISSIONS 1999

STEP 39

Enter projected utilization for 1999 rounded to the nearest mmBtu

			12,173,891	23,617,006	14,200,501
mmBtu	mmBtu	mmBtu	mmBtu	mmBtu	mmBtu

STEP 40

Enter projected SO₂ emission rate for 1999 to 4 decimal places

			3.8425	3.8425	4.6750
lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu

STEP 41

Multiply Step 39 entry by Step 40 entry, divide by 2000, round to the nearest ton, and enter result

			23389	45374	33194
tons	tons	tons	tons	tons	tons

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

RESERVE ALLOWANCE CALCULATION 1997, 1998, AND 1999

STEP 42

For control units only, multiply baseline entered at Step 15 by 1.2, then divide by 2000

tons	tons	tons

STEP 43 (1997)

Subtract Step 35 entry from Step 42 entry, round to the nearest ton, then total the entries

			TOTAL
allowances	allowances	allowances	allowances

STEP 44 (1998)

Subtract Step 38 entry from Step 42 entry, round to the nearest ton, then total the entries

allowances	allowances	allowances	allowances

STEP 45 (1999)

Subtract Step 41 entry from Step 42 entry, round to the nearest ton, then total the entries

allowances	allowances	allowances	allowances

TOTAL RESERVE ALLOWANCES

STEP 46

Add together totals at Steps 24, 32, 43, 44, and 45, and enter result

allowances

ALLOWANCES AVAILABLE FOR 1996

Control Units

Transfer Units

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

	a	b	c	G	H	I
allowances	allowances	allowances	allowances	13297	15748	20,115
	<small>allowances</small>	<small>allowances</small>	<small>allowances</small>	<small>allowances</small>	<small>allowances</small>	<small>allowances</small>

TRANSFER CAPACITY CHECK FOR 1996

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

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

tons	tons	tons
------	------	------

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

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

allowances

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

allowances

ALLOWANCES REQUESTED FOR 1996

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

13297	15748	6570
<small>allowances</small>	<small>allowances</small>	<small>allowances</small>

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

TOTAL

allowances

PROJECTED SO₂ EMISSIONS 1997

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

			12,173,891	23,617,006	14,200,501
<small>mmBtu</small>	<small>mmBtu</small>	<small>mmBtu</small>	<small>mmBtu</small>	<small>mmBtu</small>	<small>mmBtu</small>

STEP 34
Enter projected SO₂ emissions rate for 1997 to 4 decimal places

			3.8425	3.8425	4.6750
<small>lbs/mmBtu</small>	<small>lbs/mmBtu</small>	<small>lbs/mmBtu</small>	<small>lbs/mmBtu</small>	<small>lbs/mmBtu</small>	<small>lbs/mmBtu</small>

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

			23389	45374	33194
<small>tons</small>	<small>tons</small>	<small>tons</small>	<small>tons</small>	<small>tons</small>	<small>tons</small>

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

PROJECTED SO₂ EMISSIONS 1998

Control Units

Transfer Units

STEP 36
Enter projected utilization for 1998 rounded to the nearest mmBtu

a	b	c	D	E	F
16,625,000 mmBtu	28,591,000 mmBtu		5,115,000 mmBtu	22,097,040 mmBtu	5,417,000 mmBtu 5,419,000

KK 3/30/93
see fax

STEP 37
Enter projected SO₂ emission rate for 1998 to 4 decimal places

0.2450 lbs/mmBtu	0.2450 lbs/mmBtu		3.4700 lbs/mmBtu	3.4700 lbs/mmBtu	2.5700 lbs/mmBtu
---------------------	---------------------	--	---------------------	---------------------	---------------------

STEP 38
Multiply Step 36 entry by Step 37 entry, divide by 2000, round to the nearest ton, and enter result

2037 tons	3502 tons		8875 tons	38338 tons	6961 tons
--------------	--------------	--	--------------	---------------	--------------

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

PROJECTED SO₂ EMISSIONS 1999

STEP 39
Enter projected utilization for 1999 rounded to the nearest mmBtu

16,625,000 mmBtu	28,591,000 mmBtu		5,115,000 mmBtu	22,097,000 mmBtu	5,417,000 mmBtu 5,419,000
---------------------	---------------------	--	--------------------	---------------------	--

KK 3/30/93
see fax

STEP 40
Enter projected SO₂ emission rate for 1999 to 4 decimal places

0.2450 lbs/mmBtu	0.2450 lbs/mmBtu		3.4700 lbs/mmBtu	3.4700 lbs/mmBtu	2.5700 lbs/mmBtu
---------------------	---------------------	--	---------------------	---------------------	---------------------

STEP 41
Multiply Step 39 entry by Step 40 entry, divide by 2000, round to the nearest ton, and enter result

2037 tons	3502 tons		8875 tons	38338 tons	6961 tons
--------------	--------------	--	--------------	---------------	--------------

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

RESERVE ALLOWANCE CALCULATION 1997, 1998, AND 1999

STEP 42
For control units only, multiply baseline entered at Step 15 by 1.2, then divide by 2000

7889 tons	15544 tons	
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STEP 43 (1997)
Subtract Step 35 entry from Step 42 entry, round to the nearest ton, then total the entries

5852 allowances	12041 allowances	
--------------------	---------------------	--

TOTAL
17893 allowances

STEP 44 (1998)
Subtract Step 38 entry from Step 42 entry, round to the nearest ton, then total the entries

5852 allowances	12041 allowances	
--------------------	---------------------	--

17893 allowances

STEP 45 (1999)
Subtract Step 41 entry from Step 42 entry, round to the nearest ton, then total the entries

5852 allowances	12041 allowances	
--------------------	---------------------	--

17893 allowances

TOTAL RESERVE ALLOWANCES

STEP 46
Add together totals at Steps 24, 32, 43, 44, and 45, and enter result
EPA Form 7510-2 (11-92)

177,423 allowances

ALLOWANCES AVAILABLE FOR 1996

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

Control Units			Transfer Units		
a	b	c	D	E	F
8725 <small>allowances</small>	7085 <small>allowances</small>	 <small>allowances</small>	570 <small>allowances</small>	8762 <small>allowances</small>	1115 <small>allowances</small>

TRANSFER CAPACITY CHECK FOR 1996

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

18498 <small>allowances</small>	36455 <small>allowances</small>	 <small>allowances</small>
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STEP 27
Multiply value at Step 14 by .1, round to the nearest ton, and enter result

3263 <small>tons</small>	5628 <small>tons</small>	 <small>tons</small>
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STEP 28
Subtract Step 27 entry from Step 26 entry and enter result

15235 <small>allowances</small>	30827 <small>allowances</small>	 <small>allowances</small>
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STEP 29
Enter total of all Step 28 entries

46062 <small>allowances</small>

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

59607 <small>allowances</small>

ALLOWANCES REQUESTED FOR 1996

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

570 <small>allowances</small>	8762 <small>allowances</small>	1115 <small>allowances</small>
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STEP 32
Add entries at Step 25 columns (a), (b), and (c) only and Step 31, including entries on copies, if any

TOTAL 61872 <small>allowances</small>
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PROJECTED SO₂ EMISSIONS 1997

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

16,625,000 <small>mmBtu</small>	28,591,000 <small>mmBtu</small>	 <small>mmBtu</small>	5,115,000 <small>mmBtu</small>	22,097,000 <small>mmBtu</small>	5,417,000 <small>mmBtu</small>
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STEP 34
Enter projected SO₂ emissions rate for 1997 to 4 decimal places

0.2450 <small>lbs/mmBtu</small>	0.2450 <small>lbs/mmBtu</small>	 <small>lbs/mmBtu</small>	3.4700 <small>lbs/mmBtu</small>	3.4700 <small>lbs/mmBtu</small>	2.5700 <small>lbs/mmBtu</small>
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STEP 35
Multiply Step 33 entry by Step 34 entry, divide by 2000, round to the nearest ton, and enter result

2037 <small>tons</small>	3502 <small>tons</small>	 <small>tons</small>	8875 <small>tons</small>	38338 <small>tons</small>	6961 <small>tons</small>
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RESERVE ALLOWANCE CALCULATIONS

	Control Units			Transfer Units		
	a	b	c	G	H	I
STEP 15 Enter baseline (see special instructions)	mmBtu	mmBtu	mmBtu	14,329,813 mmBtu	29,357,704 mmBtu	15,362,937 mmBtu

STEP 16 Multiply Step 15 entry by 2.5, divide by 2000, round to the nearest ton, and enter result	tons	tons	tons	17912 tons	36697 tons	19204 tons
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ALLOWANCES AVAILABLE FOR 1995

STEP 17 Subtract Step 16 entry from lesser of Step 8 or Step 11 entry and enter result	allowances	allowances	allowances	13297 allowances	15748 allowances	20115 allowances
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TRANSFER CAPACITY CHECK FOR 1995

STEP 18 (Control Units Only) For Table 1 units, enter allowance allocation from Table 1. For non-Table 1 units, enter allocation from the substitution or reduced utilization plan	allowances	allowances	allowances
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STEP 19 Multiply value at Step 11 by .1, round to the nearest ton, and enter result	tons	tons	tons
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STEP 20 Subtract Step 19 entry from Step 18 entry and enter result	allowances	allowances	allowances
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STEP 21 Enter total of all Step 20 entries	allowances
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STEP 22 Enter total of all transfer unit entries in Step 17, including entries on copies, if any	allowances
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ALLOWANCES REQUESTED FOR 1995

STEP 23 If Step 22 entry equals Step 21 entry, you may request the number of reserve allowances calculated for each transfer unit at Step 17. Enter those numbers here and on copies, if any. If Step 22 entry is greater than or less than Step 21 entry, adjust requested allowances as provided in the special instructions.	13297 allowances	15748 allowances	6570 allowances
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	TOTAL
STEP 24 Add entries at Step 17 columns (a), (b), and (c) only and Step 23, including entries on copies, if any	allowances

ANNUAL AVERAGE TONS OF SO₂ FOR 1988 AND 1989

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

PROJECTED SO₂ EMISSIONS 1995

STEP 9 Enter projected utilization for 1995 rounded to the nearest mmBtu	mmBtu	mmBtu	mmBtu	17,088,116 mmBtu	31,219,775 mmBtu	22,374,363 mmBtu
STEP 10 Enter projected uncontrolled SO ₂ emission rate for 1995 to 4 decimal places	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	3.8425 lbs/mmBtu	3.8425 lbs/mmBtu	4.6750 lbs/mmBtu
STEP 11 Multiply Step 9 entry by Step 10 entry, divide by 2000 and enter result	tons	tons	tons	32831 tons	59981 tons	52300 tons

PROJECTED SO₂ EMISSIONS 1996

STEP 12 Enter projected utilization for 1996 rounded to the nearest mmBtu	mmBtu	mmBtu	mmBtu	17,088,116 mmBtu	31,219,775 mmBtu	22,374,363 mmBtu
STEP 13 Enter projected uncontrolled SO ₂ emission rate for 1996 to 4 decimal places	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	3.8425 lbs/mmBtu	3.8425 lbs/mmBtu	4.6750 lbs/mmBtu
STEP 14 Multiply Step 12 entry by Step 13 entry, divide by 2000, round to the nearest ton, and enter result	tons	tons	tons	32831 tons	59981 tons	52300 tons

RESERVE ALLOWANCE CALCULATIONS

	Control Units			Transfer Units		
	a	b	c	D	E	F
STEP 15 Enter baseline* (see special instructions)	13,147,690 <small>mmBtu</small>	25,906,160 <small>mmBtu</small>	 <small>mmBtu</small>	3,107,209 <small>mmBtu</small>	18,885,930 <small>mmBtu</small>	4,614,221 <small>mmBtu</small>

STEP 16 Multiply Step 15 entry by 2.5, divide by 2000, round to the nearest ton, and enter result	16435 <small>tons</small>	32383 <small>tons</small>	 <small>tons</small>	3884 <small>tons</small>	23607 <small>tons</small>	5768 <small>tons</small>
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ALLOWANCES AVAILABLE FOR 1995

STEP 17 Subtract Step 16 entry from lesser of Step 8 or Step 11 entry and enter result	8725 <small>allowances</small>	7085 <small>allowances</small>	 <small>allowances</small>	570 <small>allowances</small>	8762 <small>allowances</small>	1115 <small>allowances</small>
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TRANSFER CAPACITY CHECK FOR 1995

STEP 18 (Control Units Only) For Table 1 units, enter allowance allocation from Table 1. For non-Table 1 units, enter allocation from the substitution or reduced utilization plan	18498 <small>allowances</small>	36455 <small>allowances</small>	 <small>allowances</small>
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STEP 19 Multiply value at Step 11 by .1, round to the nearest ton, and enter result	3263 <small>tons</small>	5628 <small>tons</small>	 <small>tons</small>
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STEP 20 Subtract Step 19 entry from Step 18 entry and enter result	15235 <small>allowances</small>	30827 <small>allowances</small>	 <small>allowances</small>
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STEP 21 Enter total of all Step 20 entries	46062 <small>allowances</small>
--	------------------------------------

STEP 22 Enter total of all transfer unit entries in Step 17, including entries on copies, if any	59607 <small>allowances</small>
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ALLOWANCES REQUESTED FOR 1995

STEP 23 If Step 22 entry equals Step 21 entry, you may request the number of reserve allowances calculated for each transfer unit at Step 17. Enter those numbers here and on copies, if any. If Step 22 entry is greater than or less than Step 21 entry, adjust requested allowances as provided in the special instructions.	570 <small>allowances</small>	8762 <small>allowances</small>	1115 <small>allowances</small>
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STEP 24 Add entries at Step 17 columns (a), (b), and (c) only and Step 23, including entries on copies, if any	TOTAL 61872 <small>allowances</small>
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ANNUAL AVERAGE TONS OF SO₂ FOR 1988 AND 1989

	Control Units			Transfer Units		
	a	b	c	D	E	F
STEP 6 Identify transfer units. Enter total 1988 SO ₂ emissions for control and transfer units	25125 <small>tons</small>	38263 <small>tons</small>	 <small>tons</small>	4300 <small>tons</small>	32517 <small>tons</small>	11373 <small>tons</small>

STEP 7 Enter total 1989 SO ₂ emissions for each unit	25194 <small>tons</small>	40672 <small>tons</small>	 <small>tons</small>	4607 <small>tons</small>	32221 <small>tons</small>	9234 <small>tons</small>
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STEP 8 Add Step 6 entry to Step 7 entry, divide by 2 and enter result	25160 <small>tons</small>	39468 <small>tons</small>	 <small>tons</small>	4454 <small>tons</small>	32369 <small>tons</small>	10304 10303 <small>tons</small>
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*KK 3/30/93
see fax.*

PROJECTED SO₂ EMISSIONS 1995

STEP 9 Enter projected utilization for 1995 rounded to the nearest mmBtu	16,861,633 <small>mmBtu</small>	29,082,887 <small>mmBtu</small>	 <small>mmBtu</small>	4,729,565 <small>mmBtu</small>	21,079,130 <small>mmBtu</small>	5,356,667 <small>mmBtu</small>
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STEP 10 Enter projected uncontrolled SO ₂ emission rate for 1995 to 4 decimal places	3.8700 <small>lbs/mmBtu</small>	3.8700 <small>lbs/mmBtu</small>	 <small>lbs/mmBtu</small>	3.4600 <small>lbs/mmBtu</small>	3.4600 <small>lbs/mmBtu</small>	2.5700 <small>lbs/mmBtu</small>
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STEP 11 Multiply Step 9 entry by Step 10 entry, divide by 2000 and enter result	32627 <small>tons</small>	56275 <small>tons</small>	 <small>tons</small>	8182 <small>tons</small>	36467 <small>tons</small>	6883 <small>tons</small>
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PROJECTED SO₂ EMISSIONS 1996

STEP 12 Enter projected utilization for 1996 rounded to the nearest mmBtu	16,861,633 <small>mmBtu</small>	29,082,857 <small>mmBtu</small>	 <small>mmBtu</small>	4,729,565 <small>mmBtu</small>	21,079,130 <small>mmBtu</small>	5,356,667 <small>mmBtu</small>
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STEP 13 Enter projected uncontrolled SO ₂ emission rate for 1996 to 4 decimal places	3.8700 <small>lbs/mmBtu</small>	3.8700 <small>lbs/mmBtu</small>	 <small>lbs/mmBtu</small>	3.4600 <small>lbs/mmBtu</small>	3.4600 <small>lbs/mmBtu</small>	2.5700 <small>lbs/mmBtu</small>
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STEP 14 Multiply Step 12 entry by Step 13 entry, divide by 2000, round to the nearest ton, and enter result	32627 <small>tons</small>	56275 <small>tons</small>	 <small>tons</small>	8182 <small>tons</small>	36467 <small>tons</small>	6883 <small>tons</small>
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Plant Name (from Step 1)

Petersburg

Page 2 of 10

STEP 5

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

Special Provisions**Sulfur Dioxide Emissions Limitations.**

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

Nitrogen Oxides Emissions Limitations.

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

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

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

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

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

Certification

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

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



Phase I Extension Early Ranking

received
2/16/93 RLW

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

This submission is: New Revised

Page 1 of 10

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

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

Control Units

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

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

- A copy of the executed contract or contracts for the design engineering and construction of qualifying Phase I technology at each control unit is included.
- OR
- A binding letter of agreement for each executed contract for the design engineering and construction of qualifying Phase I technology at each control unit is included, in accordance with 40 CFR 72.42(c)(11). The actual contracts are on file and will be submitted to the Administrator upon written request.
- A vendor certification of the sulfur dioxide removal efficiency guaranteed to be achievable by the qualifying Phase I technology for the type and range of fossil fuels (before any treatment prior to combustion) that will be used at the control unit is included. The vendor certification shall not be a defense against a control unit's failure to achieve 90% control of sulfur dioxide.

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

Transfer Units

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

Recordkeeping and Reporting Requirements (cont.)

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

Liability.

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

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

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

Certification

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

Name	Earl B. Parsons, Jr.	
Signature	<i>Earl B. Parsons Jr.</i>	Date 2/10/93

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

AIRS
FINDS

STEP 3

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

Standard Requirements

Permit Requirements.

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

Monitoring Requirements.

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

Sulfur Dioxide Requirements.

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

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

Excess Emissions Requirements.

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

Recordkeeping and Reporting Requirements.

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

Non-Table 1 Units

ID#

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

Plant Name	State
Plant Name	State

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

Plant Name	State
Plant Name	State

ID#

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

Plant Name	State
Plant Name	State

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

Plant Name	State
Plant Name	State

ID#

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

Plant Name	State
Plant Name	State

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

Plant Name	State
Plant Name	State



Phase I Permit Application

RECEIVED
2-17-93

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

This submission is: New Revised

Page of

STEP 1

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

Plant Name	Crist Electric Generating Plant	State	FL	ORIS Code	641
------------	---------------------------------	-------	----	-----------	-----

COMPLIANCE PLAN

STEP 2

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

Table 1 Units

ID# 6

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

Plant Name	Petersburg	State	IN
------------	------------	-------	----

ID# 7

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

Plant Name	Mount Storm	State	WV
------------	-------------	-------	----

ID#

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

Plant Name		State	
------------	--	-------	--

ID#

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

Plant Name		State	
------------	--	-------	--

Plant Name (from Step 1) Mt. Storm

ALLOWANCES AVAILABLE FOR 1996

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

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

TRANSFER CAPACITY CHECK FOR 1996

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

42430 allowances		
---------------------	--	--

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

5103 tons		
--------------	--	--

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

37327 allowances		
---------------------	--	--

STEP 29
Enter total of all Step 28 entries

37327 allowances

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

51464 allowances

ALLOWANCES REQUESTED FOR 1996

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

6911 allowances	10559 allowances	19,857 allowances
--------------------	---------------------	----------------------

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

TOTAL 45872 allowances

PROJECTED SO₂ EMISSIONS 1997

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

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

STEP 34
Enter projected SO₂ emissions rate for 1997 to 4 decimal places

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

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

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

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

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

PROJECTED SO₂ EMISSIONS 1998

Control Units

Transfer Units

STEP 36
Enter projected utilization for 1998 rounded to the nearest mmBtu

a	b	c	d	e	f
38985804 mmBtu			39495502 mmBtu	38470553 mmBtu	20,924,528 mmBtu

STEP 37
Enter projected SO₂ emission rate for 1998 to 4 decimal places

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

STEP 38
Multiply Step 36 entry by Step 37 entry, divide by 2000, round to the nearest ton, and enter result

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

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

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

PROJECTED SO₂ EMISSIONS 1999

STEP 39
Enter projected utilization for 1999 rounded to the nearest mmBtu

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

STEP 40
Enter projected SO₂ emission rate for 1999 to 4 decimal places

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

STEP 41
Multiply Step 39 entry by Step 40 entry, divide by 2000, round to the nearest ton, and enter result

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

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

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

RESERVE ALLOWANCE CALCULATION 1997, 1998, AND 1999

STEP 42
For control units only, multiply baseline entered at Step 15 by 1.2, then divide by 2000

20365 tons			
---------------	--	--	--

STEP 43 (1997)
Subtract Step 35 entry from Step 42 entry, round to the nearest ton, then total the entries

15275 allowances			
---------------------	--	--	--

TOTAL

15275 allowances

STEP 44 (1998)
Subtract Step 38 entry from Step 42 entry, round to the nearest ton, then total the entries

15275 allowances			
---------------------	--	--	--

15275 allowances

STEP 45 (1999)
Subtract Step 41 entry from Step 42 entry, round to the nearest ton, then total the entries

15275 allowances			
---------------------	--	--	--

15275 allowances

TOTAL RESERVE ALLOWANCES

STEP 46
Add together totals at Steps 24, 32, 43, 44, and 45, and enter result
EPA Form 7810-2 (11-92)

137569 allowances



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

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

PHASE I ACID RAIN PERMIT

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

The Acid Rain Permit comprises the following:

- 1. The statement of basis prepared by EPA containing:

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

Part B, for each unit at this source:

- a table of SO₂ allowances to be allocated under this permit during Phase I, and
- comments, notes and justifications regarding permit decisions and changes made to the permit application during the review process, and any additional requirements.

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

Draft Permit Approval:

[Handwritten Signature]

Signature

[Handwritten Date]

Date

Final Permit Approval:

Signature

Date

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

Statement of Basis. Part A

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

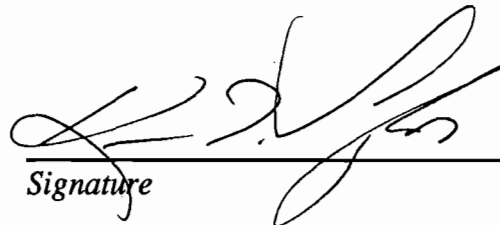
Statutory and Regulatory Authorities. In accordance with Title IV of the Clean Air Act Amendments of 1990, the U. S. Environmental Protection Agency issues this permit pursuant to 40 CFR part 72, subparts E and F.

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

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

KEVIN I. TAYLOR

Permit Reviewer

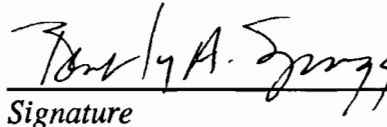

Signature

5/28/93

Date

BEVERLY A. SPAGG

Regional Manager


Signature

5/25/93

Date

As set forth in Part B of the Statement of Basis, EPA approves substitution plans and reduced utilization plans (and parts of plans) with compensating units for 1995 only and defers action on these plans and parts of plans for 1996-99.

Based in large part on its review of Phase I permit applications submitted to EPA, a petition for reconsideration, and issues raised in litigation challenging the January 11, 1993 regulations, EPA is concerned that the existing regulations could be read to provide utilities an open-ended ability to use substitution and reduced utilization plans to create a significant number of excess, new allowances in Phase I. This creation of allowances would threaten achievement of the sulfur dioxide emissions reductions intended to be made under the Act and thus would be contrary to the statutory purposes of sections 404(b) and (c) and 408(c)(1)(B) of the Act, which are aimed at facilitating and preserving the intended amount of reductions.

A substitution plan allows a Table A unit (i.e., a unit listed in Table A of section 404 as a unit required to reduce emissions in Phase I) to reassign all or part of its reduction obligation to a non-Table A unit. The substitution provision is intended to provide an alternative means of achieving Phase I reductions, not a mechanism for creating excess, new allowances and avoiding emission reductions. Similarly, the reduced utilization provision is aimed at providing flexibility and ensuring realization of emission reduction goals. Congress recognized that the potential for circumvention of emission limitation requirements exists because in Phase I only a minority of all utility units are subject to such requirements. A Phase I unit could reduce its utilization below baseline and shift load to a non-Phase I unit that can emit in Phase I without allowances. Under the Act, a Phase I unit planning to reduce utilization below baseline by shifting load must submit a reduced utilization plan designating the compensating unit to which load will be shifted. Each designated substitution or compensating unit becomes a Phase I unit subject to the requirement to hold allowances.

The Agency is concerned that the January 11, 1993 regulations could be read to allow substitution and reduced utilization plans to be used as an open-ended means of bringing Phase II units into Phase I, thereby creating a large number of excess, new allowances that would not otherwise be available. For each year that a plan is in effect, each substitution or compensating unit under the plan is allocated a number of allowances equal to the unit's baseline multiplied by the lesser of the unit's 1985 actual or allowable emissions rate. The number of allowances under this formula could greatly exceed the number actually needed by those Phase II units to cover their emissions in Phase I. Prior to the passage of the Act, a number of Phase II units had already reduced their emissions rates below 1985 levels. In addition, some Phase II units are already required, under existing federal or state law, to reduce their emissions rates in Phase I below 1985 levels. If all Phase II units that have

reduced or are required to reduce emissions rates below 1985 levels without title IV of the Act are designated as substitution or compensating units, the potential number of excess, new allowances would be sufficient to threaten achievement of the emissions reductions intended by Congress under title IV. Consequently, EPA is planning to propose revision of 40 CFR 72.41, 72.43, and 72.91 of the January 11, 1993 regulations, implementing substitution and reduced utilization plans and allowance surrender related to reduced utilization. These revisions seem necessary to ensure that the regulations, and plans approved under the regulations, are consistent with the purposes of title IV. EPA plans to explain these matters in more detail in a notice of proposed rulemaking for these revisions.

The owners and operators of some affected sources, however, have already submitted to EPA substitution and reduced utilization plans based on their reading of the existing regulations. In order to provide owners and operators an opportunity to adjust their compliance strategies in the event of revision of the regulations, EPA approves for 1995 those substitution plans and those reduced utilization plans (and parts of plans) with compensating units that are determined to comply with the January 11, 1993 regulations. EPA defers action on those plans and parts of plans for 1996-1999 pending the potential regulatory revisions. In taking this approach, EPA is exercising its authority to "issue a draft permit that incorporates in whole, in part, or with changes or conditions as appropriate," a source's permit application. 40 CFR 72.62(a).

Statement of Basis. Part B

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

Phase I SO₂ Allowance Allocation

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

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

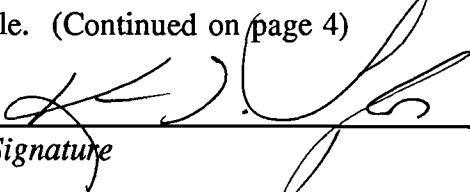
See changes made to the Permit Application form on Statement of Basis, page 2.

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

* If Phase I Extension reserve allowances become available in the future, this application is eligible to receive the allocations specified above by administrative amendment to this permit if the Phase I Extension plan continues to meet the requirements of 40 CFR 72.42. Pursuant to 40 CFR 72.42 and the attached Phase I Extension Early Ranking application forms, this unit would have an Acid Rain emissions reduction requirement limiting SO₂ emissions to a maximum of 33,194 tons per year for 1997, 1998, and 1999. Corrections were made to the Phase I Extension application at steps 8, 36, and 39 pursuant to a letter from the designated representative, dated March 30, 1993. The corrections did not affect the number of allowances for which this unit would be eligible. (Continued on page 4)

KEVIN I. TAYLOR

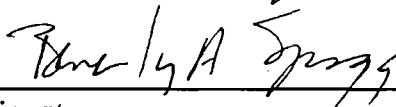
Permit Reviewer


Signature

5/20/93
Date

BEVERLY A. SPAGG

Regional Manager


Signature

5/25/93
Date

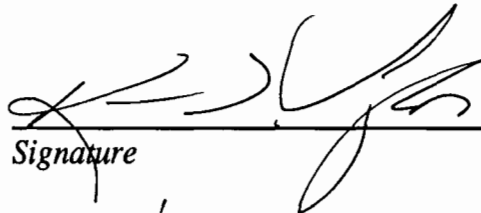
Plant Name: Crist Electric Generating Plant
State: Florida
ORIS Code: 0641
Boiler ID#: 0006

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

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

KEVIN I. TAYLOR

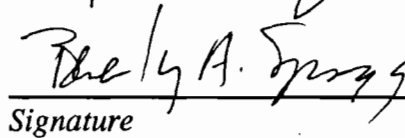
Permit Reviewer


Signature

5/20/93
Date

BEVERLY A. SPAGG

Regional Manager


Signature

5/25/93
Date

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

Phase I SO₂ Allowance Allocation

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

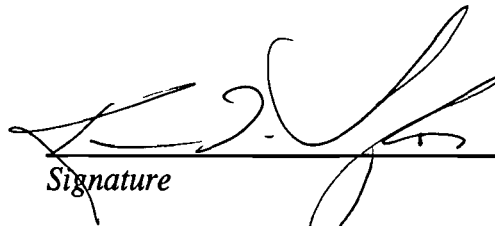
Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

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

Pursuant to 40 CFR 72.42 and the ranking of Phase I Extension Early Ranking applications determined by lottery on March 31, 1993, the Phase I Extension plan for Virginia Electric & Power Company-Mount Storm, naming this unit as a transfer unit, has been approved. Pursuant to 40 CFR 72.42 and the attached Phase I Extension Early Ranking application forms, this unit has an Acid Rain emissions reduction requirement limiting SO₂ emissions to a maximum of 48,702 tons per year for 1997, 1998, and 1999. The Phase I Extension Early Ranking forms were modified to correct rounding errors at steps 35, 38, and 41 pursuant to a letter from the designated representative, dated March 11, 1993. This unit has also been granted an extension, until January 1, 1997, of the deadline for compliance with regulations implementing Section 407 of the Clean Air Act (nitrogen oxides).

KEVIN I. TAYLOR

Permit Reviewer

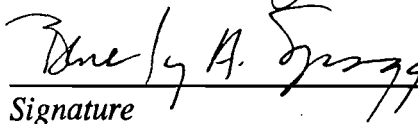


Signature

5/20/93
Date

BEVERLY A. SPAGG

Regional Manager



Signature

5/25/93
Date



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
AIR AND RADIATION

REGION IV
345 Courtland Street, NE
Atlanta, Georgia 30365

Plant Name: **Crist** State: **Florida**
Owned and Operated by: **Gulf Power Company**

I approve the following compliance plans contained in the draft Phase I permit for this source:

- the Phase I substitution plan(s) for 1995 only, and defer action on the plans for 1996-1999
- the Phase I extension plan for unit 7
- the Phase I reduced utilization plan(s), and parts of the plan(s), with compensating units for 1995 only, and defer action on the plans, and parts of the plan(s), for 1996-1999
- the Phase I reduced utilization plan(s), and parts of the plan(s), with energy conservation, improved unit efficiency, and sulfur-free generation

I disapprove the following compliance plans contained in the draft Phase I permit for this source:

- the Phase I substitution plan(s) for unit [#]
- the Phase I extension plan for unit 6
- the Phase I reduced utilization plan(s), and parts of the plan(s), with compensating units for unit [#]

Brian J. McLean 7/1/93
Brian J. McLean Date
Director, Acid Rain Division

Notice of Draft Permit and Public Comment Period

The U.S. Environmental Protection Agency (EPA) is proposing to issue a five-year permit to Gulf Power Company-Crist Electric Generating Plant (Gulf Power-Crist), located in Pensacola, Florida, under the Acid Rain Program (40 CFR Part 72). The effective date of the permit would be from January 1, 1995 through December 31, 1999. EPA has prepared a draft permit that specifies the following allowances allocated by EPA to each utility boiler (unit) at Gulf Power-Crist: 18,695 annually from 1995 to 1999 to Unit 6 and 30,846 annually from 1995 to 1999 to Unit 7. One allowance authorizes the unit to emit one ton of sulfur dioxide, but does not affect Gulf Power's responsibility to meet all other existing local, state, and federal requirements related to sulfur dioxide. EPA proposes to approve a plan in which Gulf Power-Crist Units 6 and 7 will hold enough allowances to account for its sulfur dioxide emissions. In a separate notice, EPA is proposing to approve a Phase I Extension Plan for Virginia Electric & Power Company-Mount Storm which will require the installation of control devices which will reduce SO₂ emissions by at least 90 percent. Under the Phase I Extension Plan, Gulf Power-Crist Unit 7 will be granted 19,857 additional allowances annually for 1995 and 1996 as a transfer unit. A Phase I Extension Plan for Indianapolis Power & Light-Petersburg was submitted but not approved by EPA because unallocated allowances did not remain in the Phase I Extension reserve at the time EPA acted on the plan. If Phase I Extension reserve allowances become available in the future, this application will be eligible to receive the additional allocations for Unit 6 by an administrative amendment to the permit. The designated representative for Gulf Power-Crist is Mr. Earl B. Parsons, Jr.

This notice is also being published in the Federal Register. Comments on the draft permit must be received on or before 30 days from the date notice appears in the Federal Register or the date this notice is published in the newspaper, whichever is later.

The administrative record, except information protected as confidential, may be viewed at the following locations: (1) between 8:00 a.m. and 4:00 p.m. on weekdays at the EPA Region 4 Library, 345 Courtland Street, N.E., Atlanta, Georgia 30365. For additional information, contact the EPA Library staff at (404) 347-4216; (2) between 8:00 a.m. and 5:00 p.m. on weekdays at the Air Resources Management Division, Florida Department of Environmental Regulation, 2600 Blair Stone Road, Tallahassee, Florida



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

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

JUL 13 1993

4APT-AE

Mr. Thomas Cascio
Air Resources Management Division
Florida Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Dear Mr. Cascio:

Enclosed is a copy of the draft acid rain permit which has been prepared for issuance to Gulf Power Company-Crist, which is subject to the Acid Rain Program, as specified in 40 C.F.R. Part 72. This draft permit is presently being reviewed by our regional and headquarters offices. In accordance with the team approach for final issuance of the acid rain permits, the enclosed draft permit is being sent for your concurrent review.

If you should have any questions regarding the Acid Rain Program's permitting procedures or have any comments concerning the enclosed draft permit, please feel free to contact Kevin Taylor or me at (404) 347-5014. Your cooperation is greatly appreciated.

Sincerely yours,

A handwritten signature in black ink, appearing to read "B. Beals", written over the typed name.

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

Enclosure

32399-2400. For additional information, contact Thomas Cascio at (904) 488-1344; and (3) between 9:00 a.m. and 8:00 p.m. Tuesday through Thursday and between 9:00 a.m. and 5:00 p.m., Friday and Saturday at the West Florida Regional Library, 200 W. Gregory Street, Pensacola, Florida 32501-4878. For additional information, contact Ms. Bonnie DeMars at (904) 435-1763. EPA is soliciting comments on the draft permit and is affording the opportunity for a public hearing. Send comments, requests for a public hearing, and requests to receive notice of future actions to Mr. Winston A. Smith, Director, Air, Pesticides and Toxics Management Division, at the above EPA address. Submit all comments in duplicate and identify the permit to which the comments apply, the commenter's name, address, and telephone number, and the affiliation the writer has to the permittee. All relevant, timely comments will be considered, but not comments pertaining to standard provisions under §72.9 of 40 CFR Part 72 and issues not relevant to the permit, such as the environmental effects of acid rain. Any person who requests a public hearing must state the issues proposed to be raised in the hearing. If EPA finds that a hearing will contribute to the decision-making process by clarifying significant issues affecting the draft permit, a hearing will be announced. For information concerning the draft permit contact Kevin I. Taylor at the above EPA address or (404) 347-5014. For a copy of the Acid Rain Program final rules or for summaries of the rules, contact the Acid Rain Hotline at (617) 674-7377, Monday through Friday, between 9:00 a.m. and 5:00 p.m., Eastern Standard Time.

EPA will issue a final permit after consideration of all relevant comments.