

**ATTACHMENT 2**  
**(Deleted by Amendment 114)**



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

Docket No. 50-416

Amendment to Indemnity Agreement No. B-72  
Amendment No. 4

Effective \_\_\_\_\_, Indemnity Agreement No. B-72, between Mississippi Power and Light Company, System Energy Resources, Inc., and South Mississippi Electric Power Association and the Nuclear Regulatory Commission dated July 15, 1981, as amended, is hereby further amended as follows:

The following named licensee "Entergy Operations, Inc." is added to the indemnity agreement.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

*Eileen M. McKenna*

Eileen M. McKenna, Acting Chief  
Policy Development and Technical Support Branch  
Program Management, Policy Development  
and Analysis Staff  
Office of Nuclear Reactor Regulation

Accepted \_\_\_\_\_, 1989

By \_\_\_\_\_  
Mississippi Power and Light  
Company

Accepted \_\_\_\_\_, 1989

By \_\_\_\_\_  
System Energy Resources, Inc.

Accepted \_\_\_\_\_, 1989

By \_\_\_\_\_  
South Mississippi Electric  
Power Association

Accepted \_\_\_\_\_, 1989

By \_\_\_\_\_  
Entergy Operations, Inc.

Recirculation Loops Operating  
3.4 .1

Figure 3.4.1-1  
Deleted  
via  
Amendment 141  
No new Page was issued



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

January 4, 1995

Mr. C. Randy Hutchinson  
Vice President, Operations GGNS  
Entergy Operations, Inc.  
Post Office Box 756  
Port Gibson, Mississippi 39150

SUBJECT: ISSUANCE OF AMENDMENT NO. 114 TO FACILITY OPERATING LICENSE  
NO. NPF-29 - GRAND GULF NUCLEAR STATION, UNIT 1 (TAC NO. M89761)

Dear Mr. Hutchinson:

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 114 to Facility Operating License No. NPF-29 for the Grand Gulf Nuclear Station, Unit 1. This amendment revises the Technical Specifications (TSs) in response to your application dated June 17, 1994, as supplemented by letter dated August 17, 1994.

The amendment removes License Condition 2.C.(25)(b) and Attachment 2 to Facility Operating License No. NPF-29, "Transamerica Delaval Inc. (TDI) Diesel Generator Maintenance and Surveillance Requirements (NUREG-1216, August 1985)."

A copy of our related Safety Evaluation is also enclosed. A Notice of Issuance will be included in the Commission's next biweekly Federal Register notice.

Sincerely,

A handwritten signature in cursive script that reads "Paul W O'Connor".

Paul W. O'Connor, Senior Project Manager  
Project Directorate IV-1  
Division of Reactor Projects III/IV  
Office of Nuclear Reactor Regulation

Docket No. 50-416

Enclosures: 1. Amendment No. 114 to NPF-29  
2. Safety Evaluation

cc w/encls: See next page

ATTACHMENT TO LICENSE AMENDMENT NO. 114

FACILITY OPERATING LICENSE NO. NPF-29

DOCKET NO. 50-416

Replace the following page of the License with the attached page and remove Attachment 2 to Facility Operating License No. NPF-27. The revised page is identified by amendment number and contains a vertical line indicating the area of change.

REMOVE

10  
Attachment 2

INSERT

10  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

December 14, 1989

Docket No. 50-416

Mr. W. T. Cottle  
Vice President, Nuclear Operations  
System Energy Resources, Inc.  
Post Office Box 469  
Port Gibson, Mississippi 39150

Dear Mr. Cottle:

SUBJECT: ISSUANCE OF AMENDMENT NO. 65 TO FACILITY OPERATING LICENSE  
NO. NPF-29 - GRAND GULF NUCLEAR STATION, UNIT 1, REGARDING  
TRANSFER OF OPERATIONS TO ENTERGY OPERATIONS, INC.  
(TAC NO. 74351)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 65 to Facility Operating License No. NPF-29 for the Grand Gulf Nuclear Station, Unit 1 (the facility). This amendment consists of changes to the facility operating license and Technical Specifications (TS) in response to your application dated August 15, 1989, as supplemented by letters dated August 22, September 22, and September 27 (two letters), October 27, October 30, November 21, and November 30, 1989.

The amendment implements the authorization to transfer control and performance of licensed activities from System Energy Resources, Inc. (SERI) to Entergy Operations, Inc. (EOI). SERI remains 90% owner and leaseholder of the facility and South Mississippi Electric Power Association (SMEPA) continues to own the remaining 10% of the facility. SERI and SMEPA have designated EOI as their agent in licensing matters. Mississippi Power & Light Company (MP&L) remains as a licensee subject to the completion of an antitrust review which will address whether MP&L should be removed from the license as requested by a previous application dated September 2, 1986.

We have reviewed the operating agreement between EOI and SERI and have determined that it is not appropriate to require it by a license condition. SERI and EOI are joint licensees under the facility operating license conditions, each responsible for specific areas and jointly responsible for regulatory compliance and response. The operating agreement between SERI and EOI will not circumvent these responsibilities. Finally, since EOI is to be the operator of the plant, we intend to communicate on most matters with EOI. However, EOI is expected to communicate with SERI to provide data, information, and other support, as may be necessary, to enable SERI and SMEPA to satisfactorily discharge any responsibilities they may have as owners of the plant, with regard to maintaining regulatory compliance.

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CP-1

Mr. W. T. Cottle

-2-

A copy of the Safety Evaluation supporting the amendment and the transfer of control of licensed activities from SERI to EOI is also enclosed. The Notice of Issuance will be included in the Commission's bi-weekly Federal Register notice.

Five signed copies of Amendment No. 4 to Indemnity Agreement No. B-72 which covers the activities authorized under License No. NPF-29 are also enclosed. Please sign all copies and return one copy to this office.

Sincerely,

Original Signed By:

Dennis M. Crutchfield, Associate Director  
for Special Projects  
Office of Nuclear Reactor Regulation

Enclosures:

- 1. Amendment No. 65 to NPF-29
- 2. Safety Evaluation
- 3. Amendment No. 4 to Indemnity Agreement No. B-72

cc w/enclosures:  
See next page

LA:PD21:DRPR:PM:PD21:DRPR:OGC	ASPI	D:PD21:DRPR	:	:	:
PAAnderson	LWintner:sw:VBrinitz	DCrutchfield: EAdensan	:	:	:
11/25/89	11/28/89	12/17/89	12/14/89	12/14/89	:



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

January 19, 2000

Mr. William A. Eaton  
Vice President, Operations GGNS  
Entergy Operations, Inc.  
P. O. Box 756  
Port Gibson, MS 39150

**SUBJECT: GRAND GULF NUCLEAR STATION, UNIT 1 - ISSUANCE OF AMENDMENT  
RE: REACTOR CORE STABILITY ENHANCED OPTION 1-A  
(TAG NO. MA3406)**

Dear Mr. Eaton:

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 141 to Facility Operating License No. NPF-29 for the Grand Gulf Nuclear Station (GGNS), Unit 1. This amendment revises the Technical Specifications (TSs) in response to your application dated July 20, 1998, as supplemented by letter dated June 29, 1999.

The amendment incorporates the TS changes necessary for implementation of the Boiling Water Reactor Owners' Group Reactor Stability Long-Term Solution, Enhanced Option 1-A.

You are requested to implement this amendment within 120 days of the amendment date, and to inform the staff when these operational changes, including associated component modifications, have been completed.

A copy of our related Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's next biweekly *Federal Register* notice.

Sincerely,

A handwritten signature in cursive script that reads "S. Patrick Sekerak".

S. Patrick Sekerak, Project Manager, Section 1  
Project Directorate IV & Decommissioning  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-416

Enclosures: 1. Amendment No. 141 to NPF-29  
2. Safety Evaluation

cc w/encls: See next page



ATTACHMENT TO LICENSE AMENDMENT NO. 141

FACILITY OPERATING LICENSE NO. NPF-29

DOCKET NO. 50-416

Replace the following pages of the Appendix A Technical Specifications with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

<u>Remove</u>	<u>Insert</u>
1.0-3	1.0-3
—	1.0-3a
—	3.2-4
—	3.2-5
—	3.2-6
3.3-4	3.3-4
—	3.3-4a
3.3-5	3.3-5
—	3.3-5a
3.3-6	3.3-6
—	3.3-13a
—	3.3-13b
3.4-1	3.4-1
3.4-2	3.4-2
3.4-3	3.4-3
3.4-4	3.4-4
3.4-5	—
5.0-18	5.0-18
5.0-20	5.0-20

ATTACHMENT 2  
CORRECTIONS TO PM's COPY  
GRAND GULF NUCLEAR STATION, UNIT 1  
DOCKET NO. 50-416

Replace the following pages of the operating license with the attached revised pages.

<u>Item No.</u>	<u>Remove</u>	<u>Insert</u>	<u>Amendment/Correction Letter</u>	<u>Reason</u>
1	Attachment 1, Page 2	Attachment 1, Page 19	The Letter of Issuance of the Operating License dated November 1, 1984.	Page Numbers do not match. OCIO Copy says "19" and PM's copy is hand marked as "2"
2		Attachment 2 First Page	Deletion of Attachment 2 ( 4 pages) by Amendment 114 with proper format and Notation, "Deleted By Amendment 114, Dated 1-4-1995" is not in PM's Copy.	
3		Enclosure 4	Letter of Issuance of the Operating License dated December 14, 1989, Enclosure 4, Amendment 4 (the latest) to Indemnity Agreement B-72 is not in PM's Copy.	

Replace the following pages of Appendix A Technical Specifications with the attached revised pages.

<u>Item No.</u>	<u>Remove</u>	<u>Insert</u>	<u>Amendment/Correction Letter</u>	<u>Reason</u>
4	3.4-5	3.4-5 with Standard Format.	Deleted by Amendment 141. However, Deleted page was not included when the amendment was originally issued. OCIO Added this page but did not follow the standard format	Deletion Wording and Format is not Followed.

G:\PDIV-1\GrandGulf\MC 1750\MC1750-LTR to OCIO-rev 1-021104.wpd

(2) Implement the upgraded EOP's

Prior to startup  
following the  
first refueling  
outage

(e) Emergency Response Facilities

(1) Technical Support Center fully  
functional with exception of  
Regulatory Guide 1.97  
implementation

Prior to startup  
following the  
first refueling  
outage

(2) Operational Support Center fully  
functional with exception of  
Regulatory Guide 1.97  
implementation

Prior to startup  
following the  
first refueling  
outage

(3) Emergency Operations Facility  
fully functional with exception  
of Regulatory Guide 1.97  
implementation

Prior to startup  
following the  
first refueling  
outage

ATTACHMENT 2  
(Deleted by Amendment 114)



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

Docket No. 50-416

Amendment to Indemnity Agreement No. B-72  
Amendment No. 4

Effective \_\_\_\_\_, Indemnity Agreement No. B-72, between Mississippi Power and Light Company, System Energy Resources, Inc., and South Mississippi Electric Power Association and the Nuclear Regulatory Commission dated July 15, 1981, as amended, is hereby further amended as follows:

The following named licensee "Entergy Operations, Inc." is added to the indemnity agreement.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION .

Eileen M. McKenna  
Eileen M. McKenna, Acting Chief  
Policy Development and Technical Support Branch  
Program Management, Policy Development  
and Analysis Staff  
Office of Nuclear Reactor Regulation

Accepted \_\_\_\_\_, 1989

By \_\_\_\_\_  
Mississippi Power and Light  
Company

Accepted \_\_\_\_\_, 1989

By \_\_\_\_\_  
System Energy Resources, Inc.

Accepted \_\_\_\_\_, 1989

By \_\_\_\_\_  
South Mississippi Electric  
Power Association

Accepted \_\_\_\_\_, 1989

By \_\_\_\_\_  
Entergy Operations, Inc.

Recirculation Loops Operating  
3.4.1

Figure 3.4.1-1  
Deleted  
via  
Amendment 141  
No new Page was issued



LICENSE AUTHORITY FILE COPY  
UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

DO NOT REMOVE

November 1, 1984

Docket No. 50-416

*Posted*  
License NPF-29  
100% Power  
Operating License  
(supersedes license  
NPF-18 in its entirety)

Mr. J. B. Richard  
Senior Vice President, Nuclear  
Mississippi Power & Light Company  
P.O. Box 23054  
Jackson, Mississippi 39205

Dear Mr. Richard:

Subject: Issuance of Facility Operating License NPF-29 -  
Grand Gulf Nuclear Station, Unit 1

The U.S. Nuclear Regulatory Commission has issued the enclosed Facility Operating License NPF-29, together with Technical Specifications and Environmental Protection Plan for the Grand Gulf Nuclear Station, Unit 1. This action has been taken in accordance with the Commission's Order dated October 25, 1984. This license authorizes operation at 100% power (3833 megawatts thermal).

Also enclosed are copies of a related notice, the original of which has been forwarded to the Office of the Federal Register for publication, and of an evaluation of the effect of 40 years of license duration with respect to environmental matters.

Four signed copies of Amendment No. 2, Indemnity Agreement No. B-72 which covers the activities authorized under License No. NPF-29 are also enclosed. Please sign all copies and return one copy to this office.

Sincerely,

*for* *Darrell G. Eisenhart*  
Darrell G. Eisenhart, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Enclosures:

1. Facility Operating License  
NPF-29
2. Federal Register Notice
3. 40-year Evaluation
4. Amendment No. 2 to Indemnity  
Agreement B-72

cc w/encl:  
See next page



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

January 4, 1995

Mr. C. Randy Hutchinson  
Vice President, Operations GGNS  
Entergy Operations, Inc.  
Post Office Box 756  
Port Gibson, Mississippi 39150

SUBJECT: ISSUANCE OF AMENDMENT NO. 114 TO FACILITY OPERATING LICENSE  
NO. NPF-29 - GRAND GULF NUCLEAR STATION, UNIT 1 (TAC NO. M89761)

Dear Mr. Hutchinson:

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 114 to Facility Operating License No. NPF-29 for the Grand Gulf Nuclear Station, Unit 1. This amendment revises the Technical Specifications (TSs) in response to your application dated June 17, 1994, as supplemented by letter dated August 17, 1994.

The amendment removes License Condition 2.C.(25)(b) and Attachment 2 to Facility Operating License No. NPF-29, "Transamerica Delaval Inc. (TDI) Diesel Generator Maintenance and Surveillance Requirements (NUREG-1216, August 1985)."

A copy of our related Safety Evaluation is also enclosed. A Notice of Issuance will be included in the Commission's next biweekly Federal Register notice.

Sincerely,

A handwritten signature in cursive script that reads "Paul W O'Connor".

Paul W. O'Connor, Senior Project Manager  
Project Directorate IV-1  
Division of Reactor Projects III/IV  
Office of Nuclear Reactor Regulation

Docket No. 50-416

Enclosures: 1. Amendment No. 114 to NPF-29  
2. Safety Evaluation

cc w/encs: See next page



ATTACHMENT TO LICENSE AMENDMENT NO. 114

FACILITY OPERATING LICENSE NO. NPF-29

DOCKET NO. 50-416

Replace the following page of the License with the attached page and remove Attachment 2 to Facility Operating License No. NPF-27. The revised page is identified by amendment number and contains a vertical line indicating the area of change.

REMOVE

10  
Attachment 2

INSERT

10  
--



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

December 14, 1989

Docket No. 50-416

Mr. W. T. Cottle  
Vice President, Nuclear Operations  
System Energy Resources, Inc.  
Post Office Box 469  
Port Gibson, Mississippi 39150

Dear Mr. Cottle:

SUBJECT: ISSUANCE OF AMENDMENT NO. 65 TO FACILITY OPERATING LICENSE  
NO. NPF-29 - GRAND GULF NUCLEAR STATION, UNIT 1, REGARDING  
TRANSFER OF OPERATIONS TO ENTERGY OPERATIONS, INC.  
(TAC NO. 74351)

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We have reviewed the operating agreement between EOI and SERI and have determined that it is not appropriate to require it by a license condition. SERI and EOI are joint licensees under the facility operating license conditions, each responsible for specific areas and jointly responsible for regulatory compliance and response. The operating agreement between SERI and EOI will not circumvent these responsibilities. Finally, since EOI is to be the operator of the plant, we intend to communicate on most matters with EOI. However, EOI is expected to communicate with SERI to provide data, information, and other support, as may be necessary, to enable SERI and SMEPA to satisfactorily discharge any responsibilities they may have as owners of the plant, with regard to maintaining regulatory compliance.

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1/1*

*CP-1*

Mr. W. T. Cottle

-2-

A copy of the Safety Evaluation supporting the amendment and the transfer of control of licensed activities from SERI to EOI is also enclosed. The Notice of Issuance will be included in the Commission's bi-weekly Federal Register notice.

Five signed copies of Amendment No. 4 to Indemnity Agreement No. B-72 which covers the activities authorized under License No. NPF-29 are also enclosed. Please sign all copies and return one copy to this office.

Sincerely,

Original Signed By:

Dennis M. Crutchfield, Associate Director  
for Special Projects  
Office of Nuclear Reactor Regulation

Enclosures:

- 1. Amendment No. 65 to NPF-29
- 2. Safety Evaluation
- 3. Amendment No. 4 to Indemnity Agreement No. B-72

cc w/enclosures:  
See next page

: LA:PD21:DRPR:PM:PD21:DRPR:OGC	: ATSP	: D:PD21:DRPR	:	:	:
: <i>[Signature]</i>	: <i>[Signature]</i>	: <i>[Signature]</i>	:	:	:
: E.J. PAnderson	: Kintner:sw:	: <i>[Signature]</i>	: DCrutchfield:	: EAdensam	:
: <i>[Signature]</i>	: <i>[Signature]</i>	: <i>[Signature]</i>	:	:	:
: 11/28/89	: 11/28/89	: 12/17/89	: 12/14/89	: 12/14/89	:



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

January 19, 2000

Mr. William A. Eaton  
Vice President, Operations GGNS  
Entergy Operations, Inc.  
P. O. Box 756  
Port Gibson, MS 39150

SUBJECT: GRAND GULF NUCLEAR STATION, UNIT 1 - ISSUANCE OF AMENDMENT  
RE: REACTOR CORE STABILITY ENHANCED OPTION 1-A  
(TAC NO. MA3406)

Dear Mr. Eaton:

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 141 to Facility Operating License No. NPF-29 for the Grand Gulf Nuclear Station (GGNS), Unit 1. This amendment revises the Technical Specifications (TSs) in response to your application dated July 20, 1998, as supplemented by letter dated June 29, 1999.

The amendment incorporates the TS changes necessary for implementation of the Bolling Water Reactor Owners' Group Reactor Stability Long-Term Solution, Enhanced Option 1-A.

You are requested to implement this amendment within 120 days of the amendment date, and to inform the staff when these operational changes, including associated component modifications, have been completed.

A copy of our related Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's next biweekly *Federal Register* notice.

Sincerely,

A handwritten signature in cursive script that reads "S. Patrick Sekerak".

S. Patrick Sekerak, Project Manager, Section 1  
Project Directorate IV & Decommissioning  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-416

Enclosures: 1. Amendment No. 141 to NPF-29  
2. Safety Evaluation

cc w/encls: See next page

ATTACHMENT TO LICENSE AMENDMENT NO. 141

FACILITY OPERATING LICENSE NO. NPF-29

DOCKET NO. 50-416

Replace the following pages of the Appendix A Technical Specifications with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

<u>Remove</u>	<u>Insert</u>
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---	1.0-3a
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3.3-4	3.3-4
---	3.3-4a
3.3-5	3.3-5
---	3.3-5a
3.3-6	3.3-6
---	3.3-13a
---	3.3-13b
3.4-1	3.4-1
3.4-2	3.4-2
3.4-3	3.4-3
3.4-4	3.4-4
3.4-5	---
5.0-18	5.0-18
5.0-20	5.0-20