

January 3, 1994

Docket No. 50-416

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

Dear Mr. Hutchinson:

SUBJECT: GRAND GULF NUCLEAR STATION - ENVIRONMENTAL ASSESSMENT AND
FINDING OF NO SIGNIFICANT IMPACT (TAC NO. M87194)

Enclosed is a copy of an "Environmental Assessment and Finding of No Significant Impact" for your information. This assessment relates to your application dated August 11, 1993, for amendment to the Grand Gulf Nuclear Station Technical Specifications to revise the limitations on concentrations of radioactive material released in liquid effluents and the limitations on the dose rate resulting from radioactive material released in gaseous effluents. This change concerns the monitoring, reporting, and record retention requirements and reflects the relocation of the prior 10 CFR 20.106 requirements to the new 10 CFR 20.1302.

The original of this assessment has been forwarded to the Office of the Federal Register for publication.

Sincerely,

ORIGINAL SIGNED BY:

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

Enclosure:
Environmental Assessment

cc w/enclosure:
See next page

DISTRIBUTION:

Docket File	NRC & Local PDRs	PD4-1 r/f	OPA
P. Noonan	E. Adensam	J. Roe	EPA (5)
W. Beckner	P. O'Connor	L. Reyes, RII	
ACRS (10)	OGC (15B18)	E. Jordan	

OFC	LA:PD4-1 <i>PM</i>	PM:PD4-1 <i>WBC</i>	OGC	D:PD4 <i>WBC</i>
NAME	PNoonan	PO'Connor:pk	<i>S. Horn</i>	WBeckner <i>aut</i>
DATE	<i>12/21/93</i>	<i>12/21/93</i>	<i>12/22/93</i>	<i>1/13/94</i>
COPY	<input checked="" type="checkbox"/> YES/ <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES/ <input type="checkbox"/> NO	YES/NO	YES/ <input checked="" type="checkbox"/> NO

OFFICIAL RECORD COPY Document Name: GG87194.EA

9401060370 940103
PDR ADDCK 05000416
P PDR

NRC FILE CENTER COPY

DF01

CP-1

January 3, 1994

Docket No. 50-416

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

Dear Mr. Hutchinson:

SUBJECT: GRAND GULF NUCLEAR STATION - ENVIRONMENTAL ASSESSMENT AND
FINDING OF NO SIGNIFICANT IMPACT (TAC NO. M87194)

Enclosed is a copy of an "Environmental Assessment and Finding of No Significant Impact" for your information. This assessment relates to your application dated August 11, 1993, for amendment to the Grand Gulf Nuclear Station Technical Specifications to revise the limitations on concentrations of radioactive material released in liquid effluents and the limitations on the dose rate resulting from radioactive material released in gaseous effluents. This change concerns the monitoring, reporting, and record retention requirements and reflects the relocation of the prior 10 CFR 20.106 requirements to the new 10 CFR 20.1302.

The original of this assessment has been forwarded to the Office of the Federal Register for publication.

Sincerely,

ORIGINAL SIGNED BY:

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

Enclosure:
Environmental Assessment

cc w/enclosure:
See next page

DISTRIBUTION:

Docket File	NRC & Local PDRs	PD4-1 r/f	OPA
P. Noonan	E. Adensam	J. Roe	EPA (5)
W. Beckner	P. O'Connor	L. Reyes, RII	
ACRS (10)	OGC (15B18)	E. Jordan	

OFC	LA:PD4-1 <i>pk</i>	PM:PD4-1 <i>Pwr</i>	OGC	D:PD4-1 <i>W</i>
NAME	PNoonan	PO'Connor:pk	<i>S. Horn</i>	WBeckner <i>art</i>
DATE	<i>12/21/93</i>	<i>12/21/93</i>	<i>12/27/93</i>	<i>1/13/94</i>
COPY	<input checked="" type="checkbox"/> YES/ <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES/ <input type="checkbox"/> NO	YES/NO	YES/ <input checked="" type="checkbox"/> NO



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

January 3, 1994

Docket No. 50-416

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

Dear Mr. Hutchinson:

SUBJECT: GRAND GULF NUCLEAR STATION - ENVIRONMENTAL ASSESSMENT AND
FINDING OF NO SIGNIFICANT IMPACT (TAC NO. M87194)

Enclosed is a copy of an "Environmental Assessment and Finding of No Significant Impact" for your information. This assessment relates to your application dated August 11, 1993, for amendment to the Grand Gulf Nuclear Station Technical Specifications to revise the limitations on concentrations of radioactive material released in liquid effluents and the limitations on the dose rate resulting from radioactive material released in gaseous effluents. This change concerns the monitoring, reporting, and record retention requirements and reflects the relocation of the prior 10 CFR 20.106 requirements to the new 10 CFR 20.1302.

The original of this assessment has been forwarded to the Office of the Federal Register for publication.

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/V
Office of Nuclear Reactor Regulation

Enclosure:
Environmental Assessment

cc w/enclosure:
See next page

Mr. C. Randy Hutchinson
Entergy Operations, Inc.

Grand Gulf Nuclear Station

cc:

Mr. H. W. Keiser, Exec. Vice President
and Chief Operating Officer
Entergy Operations, Inc.
P. O. Box 31995
Jackson, Mississippi 39286-1995

Mr. D. L. Pace
GGNS General Manager
Entergy Operations, Inc.
P. O. Box 756
Port Gibson, Mississippi 39150

Robert B. McGehee, Esquire
Wise, Carter, Child & Caraway
P. O. Box 651
Jackson, Mississippi 39205

The Honorable William J. Guste, Jr.
Attorney General
Department of Justice
State of Louisiana
P. O. Box 94005
Baton Rouge, Louisiana 70804-9005

Nicholas S. Reynolds, Esquire
Winston & Strawn
1400 L Street, N.W. - 12th Floor
Washington, D.C. 20005-3502

Dr. F. E. Thompson, Jr.
State Health Officer
State Board of Health
P. O. Box 1700
Jackson, Mississippi 39205

Mr. Sam Mabry, Director
Division of Solid Waste Management
Mississippi Department of Natural
Resources
P. O. Box 10385
Jackson, Mississippi 39209

Office of the Governor
State of Mississippi
Jackson, Mississippi 39201

President,
Claiborne County Board of Supervisors
Port Gibson, Mississippi 39150

Mike Morre, Attorney General
Frank Spencer, Asst. Attorney General
State of Mississippi
Post Office Box 22947
Jackson, Mississippi 39225

Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
101 Marietta St., Suite 2900
Atlanta, Georgia 30323

Mr. Jerrold G. Dewease
Vice President, Operations Support
Entergy Operations, Inc.
P.O. Box 31995
Jackson, Mississippi 39286-1995

Mr. W. W. Watson
Project Manager
Bechtel Power Corporation
P.O. Box 808, 4600 W. Main
Russellville, Arkansas 72801

Mr. Michael J. Meisner
Director, Nuclear Safety
and Regulatory Affairs
Entergy Operations, Inc.
P.O. Box 756
Port Gibson, Mississippi 39150

Mr. K. G. Hess
Bechtel Power Corporation
P. O. Box 2166
Houston, Texas 77252-2166

Mr. Rudolph H. Bernhard
Senior Resident Inspector
U.S. Nuclear Regulatory Commission
Route 2, Box 399
Port Gibson, Mississippi 39150

UNITED STATES NUCLEAR REGULATORY COMMISSIONSYSTEM ENERGY RESOURCES, INC.SOUTH MISSISSIPPI ELECTRIC POWER ASSOCIATIONMISSISSIPPI POWER AND LIGHT COMPANYGRAND GULF NUCLEAR STATION, UNIT 1DOCKET NO. 50-416ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. NPF-29, issued to the Entergy Operations, Inc. (the licensee), for operation of the Grand Gulf Nuclear Station (GGNS), located in Clairborne County, Mississippi.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The proposed amendment would consist of revisions to 10 CFR Part 20 references to recognize the new section numbers, revise definitions to ensure consistency with 10 CFR Part 20, and change administrative controls for reporting and recordkeeping to maintain compliance with the new Part 20. The changes would revise the limitations on concentrations of radioactive material released in liquid effluents and the limitations on the dose rate resulting from radioactive material released in gaseous effluents and reflect the relocation of the prior 10 CFR 20.106 requirements to the new 10 CFR 20.1302. These changes are in response to the licensee's application for amendment dated August 11, 1993, implementing the new 10 CFR Part 20.

The Need for the Proposed Action:

The proposed action is needed in order to retain operational flexibility consistent with 10 CFR Part 50, Appendix I, concurrent with the implementation of the revised 10 CFR Part 20.

Environmental Impacts of the Proposed Action:

The proposed revision, in regards to the actual release rates as referenced in the Technical Specifications (TSs) as a dose rate to the maximally exposed member of the public, will not increase the types or amounts of effluents that may be released offsite, nor increase individual or cumulative occupational radiation exposures. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with the proposed amendment.

With regard to potential nonradiological impacts, the proposed changes do not affect nonradiological effluents and have no other environmental impact. Therefore, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed amendment.

Alternatives to the Proposed Action:

Since the Commission concluded that there are no significant environmental impacts associated with the proposed amendment to the TSs, any alternative to the amendment either will have no significantly different environmental impact or will have greater environmental impact. The principal alternative would be to deny the requested amendment. This would not reduce environmental impacts as a result of plant operation.

Alternative Use of Resources:

This action does not involve the use of resources not previously considered in the Final Environmental Statement related to the operation of the Grand Gulf Nuclear Station, dated September 1981.

Agencies and persons consulted:

The Commission's staff reviewed the licensee's request and did not consult other agencies or persons.

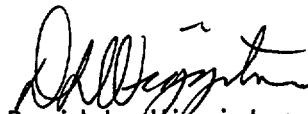
FINDING OF NO SIGNIFICANT IMPACT

Based upon the foregoing environmental assessment, we conclude that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the Commission has determined not to prepare an environmental impact statement for the proposed license amendment.

For further details with respect to this action, see the application for amendment dated August 11, 1993, which is available for public inspection at the Commission's Public Document Room, 2120 L Street, NW., Washington, DC, and at the Judge George W. Armstrong Library, Post Office Box 1406, S. Commerce at Washington, Natchez, Mississippi 39120.

Dated at Rockville, Maryland, this 3rd day of January, 1994.

FOR THE NUCLEAR REGULATORY COMMISSION



David L. Wigginton, Acting Director
Project Directorate IV-3
Division of Reactor Projects - III/IV/V
Office of Nuclear Reactor Regulation