

August 21, 1991

Docket No. 50-417

DISTRIBUTION

Mr. William T. Cottle  
Vice President, Operations  
Entergy Operations, Inc.  
Post Office Box 756  
Port Gibson, Mississippi 39150

Docket File  
PD4-1/Plant  
LKintner  
JPartlow  
GHill(4)  
OC/LFMB  
TMurley  
CRossi

NRC/Local PDRs  
TQuay  
MVirgilio  
OGC(MS15B18)  
ACRS(10)(MSP315)  
EJordan  
FMiraglia  
JWechselberger

PD4-1 Reading  
PNoonan  
BBoger  
GPA/PA(MS2G5)  
SECY  
DVerrilli,RII  
RTwigg

Dear Mr. Cottle:

SUBJECT: REVOCATION OF CONSTRUCTION PERMIT FOR GRAND GULF NUCLEAR STATION,  
UNIT NO. 2 (GRAND GULF 2) (TAC NO. 79324)

By letter of December 27, 1990, Entergy Operations, Inc., on behalf of itself and the other licensees (System Energy Resources, Inc., the Mississippi Power & Light Company, and the South Mississippi Electric Power Association), requested that the U.S. Nuclear Regulatory Commission (NRC) terminate Construction Permit CPPR-119 for the Grand Gulf 2 plant. The staff reviewed the licensee's submittal and has determined that cancellation of the construction permit for Grand Gulf 2 will not adversely affect the environment or the safe operation of Grand Gulf Unit 1. Consequently, we will change Docket 50-417 to cancelled status. Enclosure 1 is a copy of the Order revoking the construction permit for Grand Gulf 2. The staff has forwarded a copy of the Order to the Office of the Federal Register for publication. Enclosure 2 is a copy of the related Environmental Assessment and Finding of No Significant Impact, which has been published in the Federal Register. Enclosure 3 is a copy of the NRC staff's evaluation of the licensee's request for cancellation.

The NRC will maintain regulatory records for Grand Gulf 2 in accordance with NUREG-0910, Revision 2, "NRC Comprehensive Records Disposition Schedule." Section 50.71 of Title 10 of the Code of Federal Regulations provides requirements for your maintenance of records.

If you have any questions regarding this matter, please contact us.

Sincerely,  
Original signed by  
Theodore R. Quay, Director  
Project Directorate IV-1  
Division of Reactor Projects III, IV, and V  
Office of Nuclear Reactor Regulation

9109120164 910821  
PDR A ADOCK 05000417  
PDR

050059

Enclosures:

- 1. Order
- 2. Environmental Assessment
- 3. NRC Staff Evaluation

cc w/enclosures:  
See next page

**NRC FILE CENTER COPY**

\*SEE PREVIOUS CONCURRENCE

OFC	:*PD4-1/LA	:*PD4-1/PE	:*PD4-1/PM	:*PDNP	:*ESGB	:*PD4-1/D	:*OGC
NAME	:PNoonan	:RTwigg	:LKintner	:Sweiss	:GBagchi	:TQuay	
DATE	:07/25/91	:07/25/91	:07/26/91	:07/26/91	:07/29/91	:07/29/91	:07/29/91

OFC	:AD45/DRPW	:D/DRPW	:ADP/NRR	:DD/NRR	:D/NRR		
NAME	:MVirgilio	:BBoger	:JPartlow	:FMiraglia	:TMurley		
DATE	:8/13/91	:8/14/91	:8/14/91	:8/16/91	:8/21/91		

*Handwritten initials and date: JFO 11/11*

Docket No. 50-417

Mr. William T. Cottle  
Vice President, Operations GGNS  
Entergy Operations, Inc.  
Post Office Box 756  
Port Gibson, Mississippi 39150

DISTRIBUTION

Docket File	NRC/Local PDRs	PD4-1 Reading
PD4-1/Plant	TQuay	PNoonan
LKintner	MVirgilio	BBoger
JPartlow	OGC(MS15B18)	GPA/PA(MS2G5)
GHill(4)	ACRS(10)(MSP315)	SECY
OC/LFMB	EJordan	DVerrilli,RII
TMurley	FMiraglia	RTwigg
CRossi	JWechselberger	

Dear Mr. Cottle:

SUBJECT: REVOCATION OF CONSTRUCTION PERMIT FOR GRAND GULF NUCLEAR STATION,  
UNIT NO. 2 (GRAND GULF 2) (TAC NO. 79324)

By letter dated December 27, 1990, Entergy Operations, Inc, on behalf of itself and the other licensees (System Energy Resources, Inc., Mississippi Power & Light Company, and South Mississippi Electric Power Association), requested that the NRC terminate Construction Permit No. CPPR-119 for the Grand Gulf 2 plant. The staff's review of the licensee's submittal has determined that cancellation of the Grand Gulf 2 Construction Permit will not adversely impact the environment or the safe operation of Grand Gulf Unit No. 1. Consequently, we will change Docket No. 50-417 to cancelled status. An Order revoking the construction permit for Grand Gulf 2 is enclosed. A copy of the Order has been forwarded to the Office of the Federal Register for publication. Also enclosed for your information, is a copy of the related Environmental Assessment and Finding of No Significant Impact which has been published in the Federal Register.

The NRC will maintain regulatory records for Grand Gulf 2 in accordance with NUREG-0910, Revision 2, "NRC Comprehensive Records Disposition Schedule." The Code of Federal Regulations in 10 CFR 50.71 provides requirements for your maintenance of records.

A detailed description of the NRC staff evaluation of the licensee's request for cancellation is also enclosed. If you have any questions regarding this matter, please contact us.

Sincerely,

Theodore R. Quay, Director  
Project Directorate IV-1  
Division of Reactor Projects III, IV, and V  
Office of Nuclear Reactor Regulation

Enclosures:

1. Order
2. Environmental Assessment
3. NRC Staff Evaluation

cc w/enclosures:  
See next page

OFC : PD4-1/LA	: PD4-1/PE	: PD4-1/PM	: PD4-1/D	: ESGB	: PD4-1/D	: OGC
NAME : PNoonan	: RTwigg	: LKintner	: Sweiss	: GBagchi	: TQuay	
DATE : 7/25/91	: 7/25/91	: 7/26/91	: 7/24/91	: 7/26/91	: 7/29/91	: 7/29/91

OFC : AD45/DRPW	: D/DRPW	: ADP/NRR	: DD/NRR	: D/NRR	:	:
NAME : MVirgilio	: BBoger	: JPartlow	: FMiraglia	: TMurley	:	:
DATE : / /91	: / /91	: / /91	: / /91	: / /91	:	:

III.

To stabilize the Grand Gulf 2 site, the licensees performed a number of actions including backfilling the excavation site and reseeding and transferring control of the formerly used construction sites to the operations personnel for Grand Gulf 1. The operations personnel for Grand Gulf 1 assumed responsibility for maintaining the entire Grand Gulf Nuclear Station site in late 1990. The licensees for Grand Gulf 1 are the same as the licensees for Grand Gulf 2. Final reclamation and restoration of the entire Grand Gulf Nuclear Station site will be addressed by the licensees upon the decommissioning of Grand Gulf 1.

In accordance with Section 51.32 of Title 10 of the Code of Federal Regulations, the Commission has determined that the revocation of this construction permit will have no significant impact on the environment. The NRC published an Environmental Assessment and Finding of No Significant Impact in the FEDERAL REGISTER on

The licensees' letter of December 27, 1990, the NRC staff's evaluation of site stabilization of August 21, 1991, and the NRC staff's environmental assessment of August 21, 1991, are available for inspection at the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW., Washington D.C. 20555 and at the local public document room located at Judge George W. Armstrong Library, Post Office Box 1406, S. Commerce at Washington, Natchez, Mississippi 39120.

IT IS HEREBY ORDERED that Construction Permit CPPR-119 is revoked.

This Order is effective upon issuance.

Original signed by  
Thomas E. Murley

FOR THE NUCLEAR REGULATORY COMMISSION

Thomas E. Murley, Director  
Office of Nuclear Reactor Regulation  
Dated at Rockville, Maryland  
the            day of

\*See previous concurrence

OFC	:*PD4-1/LA	:*PD4-1/PE	:*PD4-1/PM	:*PDNP	:*ESGB	:*PD4-1/D	:*OGC
NAME	:PNoonan	:RTwigg	:LKintner	:SWeiss	:GBagchi	:TQuay	
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NAME	:MVirgilio	:BBoger	:JPartlow	:FMiraglia	:TMurley	:	:
DATE	:08/07/91	:08/08/91	:8/14/91	:8/16/91	:8/21/91	:	:

III.

The Grand Gulf 2 site stabilization included the backfill of the excavation site and the reseeding and turnover of formerly used construction sites to Grand Gulf 1 operations. Grand Gulf 1 assumed responsibility for maintenance and upkeep of the entire site in late 1990. Final reclamation and restoration of the Grand Gulf Nuclear Station site will be addressed upon the decommissioning of Grand Gulf 1.

Pursuant to 10 CFR 51.32, the Commission has determined that the revocation of this construction permit will have no significant impact on the environment. An Environmental Assessment and Finding of No Significant Impact was published in the FEDERAL REGISTER on

The licensees' letter dated December 27, 1990, the NRC staff's Safety Evaluation Report for Grand Gulf Unit 2, Termination of Construction Permit dated June 27, 1991, and the NRC staff's Environmental Evaluation of the Proposed Termination of Construction Permit for Grand Gulf Unit 2 dated July 23, 1991, are available for inspection at the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW., Washington DC 20555 and at the local public document room located at Hinds Junior College, McLendon Library, Raymond, Mississippi 39154.

IT IS HEREBY ORDERED that Construction Permit No. CPPR-119 is revoked.

This Order is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Thomas E. Murley, Director  
Office of Nuclear Reactor Regulation

Dated at Rockville, Maryland  
the            day of

OFC	: PD4-1/LA	: PD4-1/PE	: PD4-1/PM	: PD4-1/D	: ESCB	: PD4-1/D	: OGC
NAME	: PNoonan	: RTwigg	: LKinchen	: Sweiss	: GBagchi	: TQuay	
DATE	: 7/22/91	: 7/25/91	: 7/26/91	: 7/24/91	: 7/26/91	: 7/29/91	: 7/29/91

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NAME	: MVirgilio	: BBogen	: JPartlow	: FMiraglia	: TMurley	:	:
DATE	: 8/1/91	: 8/8/91	: / /91	: / /91	: / /91	:	:



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

August 21, 1991

Docket No. 50-417

Mr. William T. Cottle  
Vice President, Operations GGNS  
Entergy Operations, Inc.  
Post Office Box 756  
Port Gibson, Mississippi 39150

Dear Mr. Cottle:

SUBJECT: REVOCATION OF CONSTRUCTION PERMIT FOR GRAND GULF NUCLEAR STATION,  
UNIT NO. 2 (GRAND GULF 2) (TAC NO. 79324)

By letter of December 27, 1990, Entergy Operations, Inc., on behalf of itself and the other licensees (System Energy Resources, Inc., the Mississippi Power & Light Company, and the South Mississippi Electric Power Association), requested that the U.S. Nuclear Regulatory Commission (NRC) terminate Construction Permit CPPR-119 for the Grand Gulf 2 plant. The staff reviewed the licensee's submittal and has determined that cancellation of the construction permit for Grand Gulf 2 will not adversely affect the environment or the safe operation of Grand Gulf Unit 1. Consequently, we will change Docket 50-417 to cancelled status. Enclosure 1 is a copy of the Order revoking the construction permit for Grand Gulf 2. The staff has forwarded a copy of the Order to the Office of the Federal Register for publication. Enclosure 2 is a copy of the related Environmental Assessment and Finding of No Significant Impact, which has been published in the Federal Register. Enclosure 3 is a copy of the NRC staff's evaluation of the licensee's request for cancellation.

The NRC will maintain regulatory records for Grand Gulf 2 in accordance with NUREG-0910, Revision 2, "NRC Comprehensive Records Disposition Schedule." Section 50.71 of Title 10 of the Code of Federal Regulations provides requirements for your maintenance of records.

If you have any questions regarding this matter, please contact us.

Sincerely,

A handwritten signature in cursive script that reads "Theodore R. Quay".

Theodore R. Quay, Director  
Project Directorate IV-1  
Division of Reactor Projects III, IV, and V  
Office of Nuclear Reactor Regulation

Enclosures:

1. Order
2. Environmental Assessment
3. NRC Staff Evaluation

cc w/enclosures:  
See next page

Mr. W. T. Cottle  
Entergy Operations, Inc.

Grand Gulf Nuclear Station

cc:

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Wise, Carter, Child & Caraway  
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State Board of Health  
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Mississippi Department of Natural  
Resources  
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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  
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President & Chief Operating Officer  
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Jackson, Mississippi 39286-1995

Mr. C. B. Hogg, Project Manager  
Bechtel Power Corporation  
P. O. Box 2166  
Houston, Texas 77252-2166

Mr. Johnny Mathis  
Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
Route 2, Box 399  
Port Gibson, Mississippi 39150

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of	)	
	)	
ENTERGY OPERATIONS, INC., ET AL.	)	Docket No. 50-417
	)	
Grand Gulf Nuclear Station,	)	
Unit No. 2	)	

ORDER REVOKING CONSTRUCTION PERMIT

I.

On September 4, 1974, the U.S. Nuclear Regulatory Commission (the Commission) issued Construction Permit CPPR-119 for the Grand Gulf Nuclear Station, Unit 2 (Grand Gulf 2), a boiling water reactor located in Claiborne County, Mississippi. Entergy Operations, Inc. (Entergy Operations); System Energy Resources, Inc.; the Mississippi Power & Light Company; and the South Mississippi Electric Power Association are licensees under the permit. The latest construction completion date set forth in the permit was October 1, 1984. By letter of April 23, 1987, the licensee submitted an application requesting an extension of the latest construction completion date to January 1, 1997.

II.

By letter of December 27, 1990, Entergy Operations, on behalf of itself and the other licensees of Grand Gulf 2, requested that the construction permit be terminated. In the letter, Entergy Operations stated that construction activity at Grand Gulf 2 was suspended in 1985. Entergy Operations also stated that the Grand Gulf 2 site has been stabilized in accordance with all requirements in the construction permit and the Updated Final Safety Analysis Report.

III.

To stabilize the Grand Gulf 2 site, the licensees performed a number of actions including backfilling the excavation site and reseeding and transferring control of the formerly used construction sites to the operations personnel for Grand Gulf 1. The operations personnel for Grand Gulf 1 assumed responsibility for maintaining the entire Grand Gulf Nuclear Station site in late 1990. The licensees for Grand Gulf 1 are the same as the licensees for Grand Gulf 2. Final reclamation and restoration of the entire Grand Gulf Nuclear Station site will be addressed by the licensees upon the decommissioning of Grand Gulf 1.

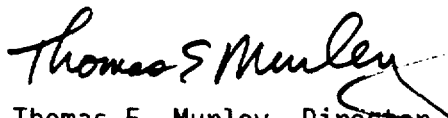
In accordance with Section 51.32 of Title 10 of the Code of Federal Regulations, the Commission has determined that the revocation of this construction permit will have no significant impact on the environment. The NRC published an Environmental Assessment and Finding of No Significant Impact in the FEDERAL REGISTER on August 14, 1991 (56 FR 40347).

The licensees' letter of December 27, 1990, the NRC staff's evaluation of site stabilization of August 21, 1991, and the NRC staff's environmental assessment of August 21, 1991, are available for inspection at the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW., Washington D.C. 20555 and at the local public document room located at Judge George W. Armstrong Library, Post Office Box 1406, S. Commerce at Washington, Natchez, Mississippi 39120.

IT IS HEREBY ORDERED that Construction Permit CPPR-119 is revoked.

This Order is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Thomas E. Murley, Director  
Office of Nuclear Reactor Regulation

Dated at Rockville, Maryland  
the 21st day of August



UNITED STATES NUCLEAR REGULATORY COMMISSIONENERGY OPERATIONS, INC., ET AL.GRAND GULF NUCLEAR STATION, UNIT NO. 2ENVIRONMENTAL ASSESSMENT ANDFINDING OF NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an Order Revoking Construction Permit No. CPPR-119 which authorized construction of the Grand Gulf Nuclear Station, Unit No. 2 (Grand Gulf 2), located in Claiborne County, Mississippi. Entergy Operations, Inc. (Entergy Operations) on behalf of itself and System Energy Resources, Inc., Mississippi Power & Light Company, and South Mississippi Electric Power Association are licensees under the permit. The latest construction completion date in the permit is October 1, 1984. Construction activities at this site were discontinued on September 18, 1985. By letter dated December 27, 1990, Entergy Operations requested that the construction permit for Grand Gulf 2 be terminated.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The proposed action is to issue an order that would terminate Construction Permit No. CPPR-119 for Grand Gulf 2. This action was requested by Entergy Operations on behalf of itself and the other licensees because they do not plan to complete the plant.

The staff made a site visit to the Grand Gulf Nuclear Station Unit 2 on June 5, 1991. The primary objective of the site visit was to determine whether the licensee's efforts to stabilize the site had considered all critical site areas. Particular effort was made to inspect areas of the site which potentially could be subject to continued erosion and contribute silt to

surface water bodies, as well as to identify areas where standing water could result in saturated soils. Additionally, the staff was interested in the status of burn pits and solid waste disposal areas that utilized or received construction waste from Unit 2.

The entire site including the sedimentation ponds, the shoreline with the Mississippi River and the area that was used for solid waste disposal was examined. Backfilling around building and component foundations belonging to Grand Gulf has long been completed. The potential for erosion contributing silt to site drainage courses from the Unit 2 facilities is low. The drainage pattern from the entire site is very well developed. All disposal areas have been closed and revegetated leaving only the burn pits. There is no evidence of erosion in this area. The staff found that the licensee has implemented an aggressive site-wide program to control erosion.

Based upon this review and the results of our June 5, 1991, site visit, the staff concludes that there will be no significant environmental impact resulting from the termination of Construction Permit No. CPPR-119 for Grand Gulf 2.

The staff concludes, based on its review and inspection, that the Grand Gulf 2 site is in an environmentally stable condition.

Need for Proposed Action:

The licensees have terminated construction of the nuclear power plant. This action by NRC would terminate the construction permit.

Environmental Impacts of the Proposed Action:

This is a simple administrative action of terminating the outstanding permit to reflect the fact that there are no longer any new nuclear utilization facilities under construction at the Grand Gulf 2 site and the site has been adequately stabilized.

Alternatives to the Proposed Action and Alternative Use of Resources:

This action, for which there are no appropriate alternatives, does not involve the use of and, therefore, will not affect, available resources.

Agencies and Persons Consulted:

The NRC staff reviewed Entergy Operations' request for termination of the construction permit and conducted the environmental review and inspection of the facility. The staff on July 12, 1991, contacted Ms. N. Bethune, U.S. Environmental Protection Agency (EPA), Region IV to discuss the Grand Gulf Nuclear Station solid waste disposal area which is a part of the Unit 1 site. The EPA will visit the Facility this year to obtain samples of the disposal area for analysis. Should any remediation be required, it would be coordinated by the EPA. The NRC staff will continue to monitor the EPA's efforts in this area. The NRC did not consult any additional agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an environmental impact statement of this proposed action. 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.

For further details with respect to this action, see Entergy Operations' request for termination of Construction Permit No. CPPR-119 dated December 14, 1990, the NRC staff's Safety Evaluation Report for Grand Gulf Unit 2, Termination of Construction Permit dated June 27, 1991, and the NRC staff's Environmental Evaluation of the Proposed Termination of Construction Permit for Grand Gulf Unit 2 dated July 23, 1991. These documents regarding the NRC staff's environmental assessment of the proposed action are available for public inspection at

the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW., Washington DC 20555 and at the local public document room located at Hinds Junior College, McLendon Library, Raymond, Mississippi 39154.

Dated at Rockville, Maryland, the 7th day of August, 1991.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script that reads "Theodore R. Quay".

Theodore R. Quay, Director  
Project Directorate IV-1  
Division of Reactor Projects III, IV, and V  
Office of Nuclear Reactor Regulation



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

NRC STAFF EVALUATION OF SITE STABILIZATION FOR

GRAND GULF NUCLEAR STATION UNIT 2

DOCKET NO. 50-417

1.0 INTRODUCTION

By letter of December 27, 1990, Entergy Operations, Inc. (the licensee) requested that the U.S. Nuclear Regulatory Commission (NRC) terminate Construction Permit CPPR-119 for the Grand Gulf Nuclear Station, Unit 2 (Grand Gulf 2). On September 18, 1985, the licensee had discontinued construction activities at Grand Gulf 2.

In its letter of December 27, 1990, Entergy Operations, Inc., reported that it had reviewed all open and closed licensing commitments related to Grand Gulf 2 to confirm that cancellation of Grand Gulf 2 will in no way affect the safe operation of Grand Gulf 1 and reported that it had stabilized the Grand Gulf 2 site.

The NRC staff has evaluated the effect that termination of the construction permit would have on the safety of Grand Gulf 1 and on the environment.

2.0 EVALUATION

The staff has reviewed NUREG-0831, Safety Evaluation Report related to the operation of Grand Gulf Nuclear Station, Units 1 and 2", and Supplements 1 through 7, in the technical areas of structural engineering and the geosciences. The staff finds that commitments that apply to both units were retained for Grand Gulf 1 to the extent they were still applicable. Commitments unique to Grand Gulf 2 will not affect Grand Gulf 1 in any way after the construction permit is cancelled. The licensee has committed to revise the Updated Final Safety Analysis Report in December 1991, to make it apply to the single unit station.

On June 5, 1991, the staff visited the site after evaluating the licensee's Annual Environmental Operating Report for 1990, the site drainage plan, and several of the most recent reports entitled "Summary of Environmental Protection Program Respecting Construction of Grand Gulf Nuclear Station Unit 2." The staff conducted the site visit to determine if the licensee had considered all critical site areas in its efforts to stabilize the plant. Specifically, the staff inspected areas of the site that could be subject to continued erosion and contribute silt to surface water bodies. The staff also investigated areas in which standing water could saturate the soil. Additionally, the staff investigated the status of burn pits and solid waste disposal areas that were used or that had received construction waste from Grand Gulf 2.

The staff examined the entire site including the sedimentation ponds, the shoreline along the Mississippi River, and the area in which the licensee had disposed of solid waste. The NRC staff traversed the perimeter of the site to the extent possible to identify any evidence that offsite areas were affected.

The site is typical of a large industrial facility, with limited continuing construction, in which continuing efforts are required to maintain the site. Years before, the licensee had completed backfilling around building and component foundations belonging to Grand Gulf. The staff concluded that erosion would not likely contribute silt to site drainage courses from the Grand Gulf 2 facilities. The drainage pattern from the entire site is very well developed and runoff is effectively channeled into the two sediment basins. The staff found that the licensee has implemented an aggressive program to control erosion throughout the site. The staff found the two sediment basins in good repair and found evidence of continued maintenance. The licensee's clearly understood site drainage. The staff concluded that the site drainage was adequate to maintain the current site topography. However, continued maintenance is required. Climatic and soil conditions are promoting the rapid revegetation of disturbed areas, thereby minimizing erosion. The licensee's representatives identified two eroded areas (the influent channel to sediment basin A, and the margin of a storage area) that should be corrected. The licensee was waiting for dryer weather to make repairs. Although the erosion in the influent area of sediment basin A was severe, the staff found that the eroded sediment was principally confined to the sediment basin and that no sediment had been deposited below the outflow of the basin. The licensee indicated that it would repair the eroded area in the summer of 1991. Erosion in this area could not be directly attributed to the Grand Gulf 2 construction activities.

The staff found less erosion along the southern margin of the storage area on the north side of the Port Gibson-Grand Gulf Access Road (north side of site) than it had found at sediment basin A. Apparently, the licensee had begun to stabilize the erosion. Dense vegetation downstream from the eroded area has contained most of the eroded soil. The licensee is stabilizing this area and expects to complete this effort by August 1991. Although the licensee had originally stored components in this area from both Grand Gulf 1 and Grand Gulf 2, the licensee was now using the area for storing Grand Gulf 1 components and dismantling the Grand Gulf 2 condensers for scrap metal.

On any major industrial site, a continuous effort is needed to maintain the site and minimize site erosion. Additional effort is needed if the ecological balance is to be maintained. At Grand Gulf, the licensee is performing such programs to minimize erosion by monitoring and repairing areas as needed.

While constructing both Grand Gulf 1 and Grand Gulf 2, construction personnel disposed of solid waste in the area east of Grand Gulf 2. Burn pits are all that remains of this waste. The licensee has closed and revegetated all disposal areas. The staff found no evidence of erosion in this area. On July 12, 1991,

the staff, contacted Ms. N. Bethune, U.S. Environmental Protection Agency (EPA), Region IV, to discuss the solid waste disposal area at Grand Gulf. She expressed concern over the lack of detailed information on the wastes that had been disposed of in this area. Apparently, after halting construction of Grand Gulf 2, the licensee disposed of significant quantities of solid waste in this area. In 1991, the EPA will visit the facility to obtain core samples of the waste disposal area. The results of analyses of the core samples may indicate the need for further sampling. Since the EPA has statutory authority in this area and is exercising this authority, the staff defers to the EPA on this issue. The EPA would coordinate any remediation. The NRC staff will continue to monitor EPA's efforts in this area.

### 3.0 CONCLUSIONS

The NRC staff has reviewed the request by Entergy Operations, Inc., to terminate Construction Permit CPPR-119 for Grand Gulf 2 and determined that this action would not cause any significant effect on either the environmental or safe operation of Grand Gulf 1. In addition, in accordance with 10 CFR 51.32, the Commission has determined that revocation of the construction permit will have no significant impact on the environment.

Principal Contributors: R. Twigg  
M. Masnik

Date: August 21, 1991