



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA, SUITE 400  
ARLINGTON, TEXAS 76011-4005**

January 28, 2003

William A. Eaton, Vice President  
Operations - Grand Gulf Nuclear Station  
Entergy Operations, Inc.  
P.O. Box 756  
Port Gibson, Mississippi 39150

**SUBJECT: GRAND GULF NUCLEAR STATION NRC SAFEGUARDS INSPECTION OF  
COMPLIANCE WITH ORDER INSPECTION REPORT 50-416/02-08**

Dear Mr. Eaton:

On December 6, 2002, the NRC completed an inspection at your Grand Gulf Nuclear Station facility. The enclosed report documents the inspection findings which were discussed on December 6, 2002, with you and other members of your staff.

This inspection examined activities conducted under your license as they relate to safety and compliance with an Order issued on February 25, 2002, which required your site to implement specific measures related to security of your facility. The inspection utilized Temporary Instruction 2515/148, "Inspection of Nuclear Reactor Safeguards Interim Compensatory Measures," to verify implementation of the Order as clarified in your responses dated March 15, May 10, and June 11, 2002. Within these areas, the inspection consisted of selected examination of procedures and representative records, observations of activities, and interviews with personnel.

The material enclosed herewith contains Safeguards Information as defined by 10 CFR 73.21 and its disclosure to unauthorized individuals is prohibited by Section 147 of the Atomic Energy Act of 1954, as amended. Therefore, the material will not be placed in the Public Document Room.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

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Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

**//RA//**

Troy W. Pruett, Chief  
Plant Support Branch  
Division of Reactor Safety

Docket: 50-416  
License: NPF-29

Enclosure  
NRC Inspection Report  
50-416/02-08

**cc without safeguards enclosure:**

Executive Vice President  
and Chief Operating Officer  
Entergy Operations, Inc.  
P.O. Box 31995  
Jackson, Mississippi 39286-1995

Wise, Carter, Child & Caraway  
P.O. Box 651  
Jackson, Mississippi 39205

Winston & Strawn  
1400 L Street, N.W. - 12th Floor  
Washington, DC 20005-3502

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

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**DOCUMENT CONTAINS  
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President, District 1  
Claiborne County Board of Supervisors  
P.O. Box 339  
Port Gibson, Mississippi 39150

General Manager  
Grand Gulf Nuclear Station  
Entergy Operations, Inc.  
P.O. Box 756  
Port Gibson, Mississippi 39150

The Honorable Richard Ieyoub  
Attorney General  
Department of Justice  
State of Louisiana  
P.O. Box 94005  
Baton Rouge, Louisiana 70804-9005

Office of the Governor  
State of Mississippi  
Jackson, Mississippi 39201

Mike Moore, Attorney General  
Frank Spencer, Asst. Attorney General  
State of Mississippi  
P.O. Box 22947  
Jackson, Mississippi 39225

Dr. Brian W. Amy  
State Health Officer  
State Board of Health  
P.O. Box 1700  
Jackson, Mississippi 39215

Robert W. Goff, Program Director  
Division of Radiological Health  
Mississippi Dept. of Health  
P.O. Box 1700  
Jackson, Mississippi 39215-1700

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

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

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**cc with safeguards enclosure:**

Vonna Ordaz (NSIR/DNS/RSPS) (MS 4A8)  
 Juan Peralta (NSIR/DNS/RSOS) (MS 06H-02)  
 Elaine McNeil (NSIR/DNS/RSPS) (MS 06H-02)  
 RIV Docket File - File Room Custodian  
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**ENCLOSURE**

U.S. NUCLEAR REGULATORY COMMISSION  
REGION IV

Docket: 50-416  
License: NPF-29  
Report No.: 50-416/02-08  
Licensee: Entergy Operations, Inc.  
Facility: Grand Gulf Nuclear Station  
Location: Waterloo Road  
Port Gibson, Mississippi 39150  
Dates: December 2 - 6, 2002  
Inspectors: Gregory A. Pick, Senior Physical Security Inspector  
Thomas L. Klug, Physical Security Inspector  
Approved By: Troy W. Pruett, Chief, Plant Support Branch

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SUMMARY OF FINDINGS  
Grand Gulf Nuclear Station  
NRC Inspection Report 50-416/02-08

IR 05000416-02-08, Entergy Operations, Inc., on 12/02 - 06/02; Grand Gulf Nuclear Station;  
TI 2515/148, Verification of Compliance With Interim Compensatory Measures Order

The inspection was conducted by regional physical security inspectors.

**Cornerstone: Physical Security**

- On February 25, 2002, the NRC imposed by Order, Interim Compensatory Measures to enhance physical security. The inspectors determined that, overall, the licensee appropriately incorporated the Interim Compensatory Measures into the site protective strategy and access authorization program; developed and implemented relevant procedures; ensured that the emergency plan could be implemented; and established and effectively coordinated interface agreements with offsite organizations.
- The inspectors identified an unresolved item regarding an evaluation associated with the performance of vehicle searches as required by Item B.2.b of the Order. This item remains open pending review by the Office of Nuclear Security and Incident Response (Section III.A.2).
- The inspectors identified an unresolved item regarding the owner controlled area checkpoint as required by Item B.2.a.2 of the Order. This item remains open pending review by the Office of Nuclear Security and Incident Response (Section III.B.1).

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