

ENCLOSURE

U.S. NUCLEAR REGULATORY COMMISSION  
REGION IV

Docket No.: 50-416  
License No.: NPF-29  
Report No.: 50-416/97-11  
Licensee: Entergy Operations, Inc.  
Facility: Grand Gulf Nuclear Station  
Location: Waterloo Road  
Port Gibson, Mississippi  
Dates: June 2-6, 1997  
Inspector: Thomas W. Dexter, Senior Physical Security Specialist  
Plant Support Branch  
Approved By: Blaine Murray, Chief, Plant Support Branch  
Division of Reactor Safety

ATTACHMENT: Supplemental Information

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### EXECUTIVE SUMMARY

Grand Gulf Nuclear Station  
NRC Inspection Report 50-416/97-11

This was an announced inspection of the licensee's physical security program. The areas inspected included records and reports, testing and maintenance, assessment aids, vital area barriers and detection aids, alarm stations, communications, access control of personnel and vehicles, personnel training and qualification, management support, and security program audit.

#### Plant Support

- A very good records and reports program was in place. The security staff was maintaining records as required by the security plan (Section S1.1).
- A very good testing and maintenance program was being conducted and was properly documented. Timely repair of security equipment resulted in a low number of compensatory posting hours for security officers (Section S2.1).
- Assessment aids provided good assessment of the perimeter detection zones. Instrumentation and controls technicians provided very good service support and routinely repaired problems with closed-circuit television cameras in a timely manner (Section S2.2).
- Effective vital area barriers and detection system that would provide adequate delay and detection to individuals attempting unauthorized entry were in place. Additionally, the vital area barriers and detection system effectively limited access to only authorized personnel (Section S2.3).
- The alarm stations were redundant and well protected. The operators were alert and well trained (Section S2.4).
- A very good security radio communication system was maintained. An adequate number of portable radios was available for members of the security organization (Section S2.5).
- A very good program for searching personnel and vehicles was maintained. Personnel were knowledgeable of their duties and responsibilities (Section S4.1).

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- A concern was identified involving the lack of proficiency when iron sights were used during firearm demonstrations. Medical examinations for security officers were thorough and well documented (Section S5.1).
- Senior management support for the security organization was effective. The security program was implemented by a well trained and highly qualified staff (Section S6.1).
- The 1996 audits of the security program were performance based and well documented (Section S7.1).

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