



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION II
 101 MARIETTA STREET, N.W.
 ATLANTA, GEORGIA 30303

FEB 29 1984

Report Nos.: 50-416/84-01 and 50-417/84-02

Licensee: Mississippi Power and Light Company
 Jackson, MS 39205

Docket Nos.: 50-416 and 50-417

License Nos.: NPF-13 and CPPR-119

Facility Name: Grand Gulf 1 and 2

Inspection at Grand Gulf site near Port Gibson, Mississippi

Inspector: W. E. Cline
 W. E. Cline

2/14/84
 Date Signed

Approved by: G. R. Jenkins
 G. R. Jenkins, Section Chief
 Division of Emergency Preparedness and Materials
 Safety Programs

2/14/84
 Date Signed

SUMMARY

Inspection on January 16-17, 1984

Areas Inspected

This special unannounced inspection involved 12 inspector-hours on site in the emergency preparedness area of protective action decisionmaking.

Results

Of the areas inspected, one violation was found in the area of protective action decisionmaking.

8407060065 840619
 PDR ADOCK 05000416
 Q PDR

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *J. Crosse, Plant Manager
- R. Keaton, Manager, Operations
- L. Yelverton, QA Manager
- D. Wells, Training Specialist
- D. Hunt, Training Supervisor
- *J. Hurley, Emergency Preparedness Coordinator (Site)
- C. Ellasser, Shift Superintendent
- G. Lhamon, Shift Superintendent
- L. Moulder, Shift Superintendent
- C. Hicks, Shift Superintendent
- C. Stafford, Shift Superintendent

Other licensee employees contacted included technicians, operators, security force members, and office personnel.

NRC Resident Inspector

- *A. Wagner, Senior Resident Inspector

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on January 17, 1984, with those persons indicated in paragraph 1 above. The violation of 10 CFR 50.47(b) and the licensee's proposed corrective action was discussed with licensee management representatives. During a telephone conversation on February 20, 1984, a licensee representative indicated that the corrective action had been completed.

3. Licensee Action on Previous Enforcement Matters

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Plans and Procedures

The inspector reviewed the licensee's plans and emergency plan implementing procedures. Content of the plan and procedures as related to protective action decisionmaking was discussed with licensee representatives. The content of NRC Information Notice 83-28, Criteria for Protective Action Recommendations for General Emergencies, was discussed with licensee representatives. Some representatives of the licensee's health and safety

staff were unaware of the notice and its content. The licensee's emergency plan provides a generic discussion of protective action recommendations based on dose projection and core conditions. Some information on protective actions is provided in emergency plan implementing procedures. However, none of the procedures (10-S-01-01 through 10-S-01-28) contained a specific range of protective action recommendations based on core condition, containment status, or potential or projected releases as specified in Appendix 1 to NUREG-0654. A range of protective action recommendations dealing with evacuation and/or sheltering as a function of distance under various accident conditions is provided in "Example Initiating Conditions: General Emergency" of Appendix 1 to NUREG-0654. This range of protective actions is further clarified by Information Notice 83-28.

The licensee was advised that this matter was considered a violation of 10 CFR 50.47(b)(10) which requires in part that a range of protective actions be developed and in place which are consistent with Federal Guidance (NUREG 0654). Licensee representatives were responsive to this issue. Prior to the inspector departure from the site, draft changes had been developed for selected emergency plan procedures which addressed protective action decisionmaking. Licensee management representatives stated that corrective action would be taken on this matter.

6. Interviews With Shift Superintendents

Five shift superintendents were interviewed individually concerning protective action decisionmaking, offsite notification, and Emergency Director authorities and responsibilities. All personnel interviewed were aware of their responsibilities and authorities as Emergency Director and were aware of which functions could and could not be delegated. The shift superintendents were familiar with notification procedures and methods.

During the individual interviews with the shift superintendents each individual was asked to make an accident classification and protective action recommendation for eight separate simulated accident situations. Personnel interviewed appeared familiar with the emergency plan implementing procedures and the methods for accident classification and notification. All personnel had some difficulty in making the proper protective action recommendations. This was attributable to the fact that the procedures did not contain a complete range of protective action recommendations as discussed in paragraph 5 above. Based on performance of the shift superintendents during the interviews, all personnel interviewed appeared to be knowledgeable in other emergency preparedness areas, especially such areas as the overall emergency organization, availability of support resources, and proper use of procedures.

7. Training

The inspector reviewed training records for selected shift superintendents for the period February 1982 to January 1984. The inspector noted that emergency preparedness training for some operations personnel had not been conducted on an annual basis as required by the licensee's Emergency Plan

and both Emergency Plan implementing procedures and administrative procedures. This matter was discussed with licensee management representatives and the inspector was advised and shown documentation that this matter had been previously identified by the licensee's staff. The plant manager indicated that corrective action was being taken on this licensee identified violation and corrective action was expected to be completed around February 15, 1984.

The inspector received emergency preparedness training outlines and discussed content with training section personnel. The inspector noted that emergency training for operation personnel includes but is not limited to: (1) shift superintendent responsibilities and authorities, (2) radiological assessment, (3) protective action assessment, (4) emergency organization, and (5) use and intent of emergency procedures. The inspector had no further questions on this matter.