



UNITED STATES  
 NUCLEAR REGULATORY COMMISSION  
 REGION II  
 101 MARIETTA ST., N.W., SUITE 3100  
 ATLANTA, GEORGIA 30303

Report No. 50-416/81-59

Licensee: Mississippi Power and Light Company  
 P. O. Box 1640  
 Jackson, Mississippi 39205

Facility Name: Grand Gulf 1

Docket No. 50-416

License No. CPPR-118

Inspection at Grand Gulf Site near Port Gibson, Mississippi

Inspectors: M. D. Hunt 1/5/82  
 M. D. Hunt Date Signed

R. L. Fiedler 1/5/82  
 R. L. Fiedler Date Signed

Approved by: Frank Jape 1/5/82  
 F. Jape, Section Chief Date Signed  
 Engineering Inspection Branch  
 Engineering and Technical Inspection Division

SUMMARY

Inspection on December 14-16, 1981

Areas Inspected

This routine, unannounced inspection involved 36 inspector-hours on site in the areas of preoperational testing programatic review and review of outstanding items.

Results

Of the two areas inspected, no violations or deviations were identified.

## REPORT DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*G. B. Rogers, Site Manager
- \*C. L. Stuart, Assistant Plant Manager
- \*J. W. Yalverton, Site QA Manager
- \*M. Lacey, QA Engineer
- \*D. L. Hunt, Plant Quality Superintendent
- \*J. C. Roberts, Startup Supervisor
- \*C. R. Hutchinson, Startup Manager

#### Other Organizations

- \*M. G. Farshon, Site Operators Manager, General Electric Corporation

#### NRC Resident Inspector

- \*A. G. Wagner

- \*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on December 16, 1981 with those persons indicated in paragraph 1 above. The inspectors discussed the overall actions the licensee is planning as a result of their review of completed preop tests. The licensee committed to inform NRC of the status of each completed pre-op test as to what parts were found acceptable and what parts will be retested.

### 3. Licensee Action on Previous Inspection Findings

Not inspected.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

### 5. Preoperational Test Program Review

The licensee had halted preoperational testing due to programatic deficiencies in maintaining control of testing and maintenance activities. This action was confirmed in the NRC Confirmation of Action Letter dated December 7, 1981.

The licensee has taken the following actions:

- A. Revised the MP&L Startup Manual (SUM) sections 5000 and 7000 to better define the controls for System Run-IN (SRI) activities, formal preoperational testing and resolving problems encountered during the performance of preop tests.
- B. Conducted retraining/reindocination of all startup test engineers to cover the SUM changes and the requirements of these changes.
- C. Performed a documented review and evaluation of all pre-op test procedures that have been started at GGNS. The review covers actions taken during the test that do not have adequate documentation or other problems relating to deficiencies.

The inspectors examined the actions taken by the licensee in the afore listed areas as follows:

- A. Reviewed the revisions to sections 5000 and 7000 of the MP&L SUM.
- B. Attended portions of training sessions held for the startup engineers.
- C. Reviewed the conclusions and recommendations of the special review board as a result of their review of preoperational tests that were started, partially completed or considered complete by the licensee.

Within the areas examined, no violations or deviations were identified.

6. Licensee Identified Items (LII) 10 CFR 50.55(e)

(Closed) LII 81-59-01 (PRD-81-28), High Pressure Cooling Injection Vessel Inspection Test Connection Failure. The licensee's response dated October 29, 1981 advised RII that their evaluation had determined this item as nonreportable under 10CFR 50.55(e).

(Closed) LII-416/81-59-02 (PRD-91/08) "Installation of the Standby Service Water Pump." The licensee reported this item to RII on February 12, 1981, and submitted a final report on September 1, 1981 (AECM-81/318). The inspectors reviewed the corrective action including MCAR-GGNS-122 and photographs of the work performed. The actual work could not be inspected due to the area being flooded (normal condition). The corrective action appeared adequate.

7. IE Bulletin (IEB)

(Closed) IEB 81-02 "Failure of Gate Type Valves to Close Against Differential Pressure." The licensee's response dated September 9, 1981 (AECM-81/337) stated that they had completed their investigation and found no application of the subject valves at Grand Gulf.