



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

Report No. 50-416/80-28

Licensee: Mississippi Power and Light Company
 Jackson, Mississippi

Facility: Grand Gulf 1

Docket No. 50-416

License No. 80-28

Inspector: *A. G. Wagner for* 1/16/81
 A. G. Wagner Date Signed

Approved by: *P. J. Kelogg* 1/18/81
 P. J. Kelogg, Section Chief, RONS Branch Date Signed

SUMMARY

Inspection on November 3-26, 1980

Areas Inspected

This routine, unannounced inspection involved 87.5 inspector-hours on site in the areas of preoperational test procedure review, case load forecast, preparations for fuel receipt, reactor pressure vessel hydro preparations and plant tours.

Results

Of the 5 areas inspected, no items of noncompliance or deviations were identified.

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DETAILS

1. Persons Contacted

Licensee Employees

- *C. K. McCoy, Plant Manager
- *C. L. Stuart, Assistant Plant Manager
- *C. R. Hutchinson, Startup Manager
- *J. W. Yelventon, QA Operations Supervisor
- *D. D. Cochran, Plant Quality Assurance
- G. Rogers, Manager of Construction
- T. Reaves, Manager of Quality Assurance
- J. McGaugh, Assistant Vice President
- L. Dale, Project Manager
- J. Richardson, Project Licensing Manager
- T. Cloniger, Manager Engineering

NRC NRR

- J. Martore, NRR Licensing Project Manager
- W. Lovelace, NRR Program Analysis

Middlesouth Energies

- C. Gibbs, Vice President

NRC Resident Inspector

- *L. W. Garner

- *Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on November 26, 1980 with those persons indicated in Paragraph 1 above. The licensee had no comments in regards to the inspection findings. The resident inspectors attended the exit interview of J. Blake on November 26, 1980.

3. Licensee Action on Previous Inspection Findings

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Preoperational Test Procedure Review

Reviewed the following procedure for conformance to FSAR Section 7.6, 14.2, Regulatory Guide 1.68, Startup Manual 5000, 7000 and VEEE Standard 279-1971.

IC51PT01 Neutron Monitoring System, Preliminary Copy.

a. Open Item 416/80-28-01

Procedure does not require the Rod Control and Information System to be operable as required by FSAR 14.2.12.1.17.

b. Open Item 416/80-28-02

Procedure does not require temporary alterations to be controlled in accordance with Startup Manual 5000 Paragraph 4.12 and Plant Administrative Procedure 01-S-06-3, Paragraph 4.1.3.

c. Open Item 416/80-28-03

The acceptance criteria is not specified as specific quantitative criteria nor by a qualitative description of how the specific acceptance standards will be determined as required by Startup Manual 7000, Paragraph 4.2.5.11.

d. Open Item 416/80-28-04

Data taken from CTO records does not appear to satisfy preoperational test controlled condition requirements.

6. Reactor Pressure Vessel Hydrostatic Test Preoperation Review

a. The inspector reviewed procedure IB21-ST0-1, Revision 1, Reactor Pressure Vessel Hydrostatic Test Procedure, approved 11/7/80, for conformance with Checkout and Turnover (CTO) Manual 4.18, ASME Code Section III, XI, PSAR Chapter 5 and 10 CFR 50.55a. Minor comments were resolved with a senior licensee representative.

b. The inspector reviewed the test equipment requirements. The construction, assembly, and preliminary checkout operations were observed in the field.

No items of noncompliance or deviations were identified.

7. NRC Case Load Forecast

The inspector participated as a member of the NRC Case Load Forecast Panel. The panel reviewed the current status of construction and schedule for testing and completion of Grand Gulf Unit 1. The panel provided an updated forecast of the fuel load date. The details of

this review will be documented by a letter issued by the Nuclear Reactor Regulation Licensing Project Manager.

8. Low Pressure Core Spray Valve Operations

As part of the walkdown of the Low Pressure Core Spray System, the inspector witnessed the cycling of certain valves. The valves were three of the four LPCS motor-operated valves. The valves were cycled to demonstrate proper operability of the valves and the local and remote position indicators.

No items of noncompliance or deviations were identified.

9. Fuel Receipt Preparations

The inspector toured portions of the Fuel Handling area to access the status of construction. The inspector reviewed the status of preparation of procedures to be used for fuel receipt, fuel inspection, and testing of fuel handling equipment. This status was discussed with appropriate NRC personnel reviewing the license application submitted by Mississippi Power and Light Company for receipt and storage of fuel onsite.

No items of noncompliance or deviations were identified.

10. Plant Tours

The inspector toured portions of the Control Building, Auxiliary Building, and Containment Building at various times during the inspection period.

No items of noncompliance or deviations were identified.

11. Reactor Pressure Vessel Flush

The inspector witnessed portions of the reactor pressure vessel flush. The observations included procedural compliance, correct flush paths, appropriate water chemistry control, and sampling of flush path at the completion of cleanliness flushing.

No items of noncompliance or deviations were identified.

12. Inspector Followup Items

Closed (Open Item 416/80-18-03)

The inspector reviewed turnover package C-11-2 P-1 and verified that the comments had been previously resolved. The comments were inadvertently left in the package after resolution of the items.

Closed (Open Items 416/80-18-01, 416/80-18-04)

The inspector reviewed the training records for the reinstruction of the startup personnel. The course outline was reviewed to ensure that all areas of inspector concern were adequately covered in the training session.