



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

Report No. 50-370/82-17

Licensee: Duke Power Company  
422 South Church Street  
Charlotte, NC 28242

Facility Name: McGuire Unit 2

Docket No. 50-370

License No. CPPR-84

Inspection at McGuire site near Charlotte, NC

Inspector: *A. H. Johnson / EIB* 7-21-82  
A. H. Johnson Date Signed

Approved by: *F. Jape / EIB* 7-21-82  
F. Jape, Section Chief Date Signed  
Engineering Inspection Branch  
Division of Engineering and Technical Programs

SUMMARY

Inspection on July 6-9, 1982

Areas Inspected

This routine, unannounced inspection involved 30 inspector-hours on site in the areas of preoperational test procedure reviews and preoperational test package reviews.

Results

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

## REPORT DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*M. D. McIntosh, Station Manager
- W. M. Sample, Projects and Licensing Engineer
- \*H. B. Barron, Operations Engineer
- \*J. W. Boyle, Performance Engineer
- E. E. Estep, Project Engineer
- \*D. B. Lampke, Licensing Engineer
- \*D. Mendezoff, Engineering Specialist

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

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on July 9, 1982, with those persons indicated in paragraph 1 above. The licensee acknowledged the inspector's comments and findings.

### 3. Licensee Action on Previous Inspection Findings

Not inspected.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

### 5. Preoperational Test Results Evaluation (70329)

The inspectors reviewed the test results and licensee acceptance for the following preoperational tests:

- a. TP/2/A/1400/11, Spent Fuel Cooling System Functional Test
- b. TP/2/A/1200/03A, Upper Head Injection System Functional Test

The inspector reviewed the results of the above tests to verify the following:

- a. Individual test steps and data sheets were properly initialed and dated.
- b. Data sheets were completed.

- c. Changes to procedures were made in accordance with pertinent requirements.
- d. Test changes did not change the basic objective of the test.
- e. Test deficiencies were identified.

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

6. Preoperational Test Procedure Review (70303, 70304, 70308, and 70311)

The inspector reviewed certain preoperational test procedures to verify that adequate test procedures were developed and approved which incorporated the requirements of Regulatory Guide 1.68, and appropriate portions of FSAR Section 14. Procedures reviewed completely or in part included the following:

- a. TP/2/A/1100/01 (DRAFT), Controlling Procedure for Hot Functional Testing
- b. TP/2/A/1150/05, Pressurizer Preliminary Spray Flow
- c. TP/2/A/1150/09, Reactor Coolant System Functional Test (Cold)
- d. TP/2/A/1150/19, Pressurizer Safety Relief Valve Acoustic Leak Detection
- e. TP/2/A/1200/01, Component Cooling Functional Test
- f. TP/2/A/1200/03A, Upper Head Injection System Functional Test
- g. TP/2/A/1200/04, Containment Spray System Functional Test
- h. TP/2/A/1200/05A, Residual Heat Removal System Functional Test
- i. TP/2/A/1200/10, Primary Sampling System Functional Test
- j. TP/2/A/1200/15, Mechanical Penetration Leak Rate Test
- k. TP/2/A/1200/17, Fuel Transfer Tube Leak Rate Test
- l. TP/2/A/1200/20, Equipment Hatch Leak Rate Functional Test
- m. TP/2/A/1200/21, Piping Operation Vibration Measurement
- n. TP/2/A/1400/11 Spent Fuel Cooling System Functional Test

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

7. Miscellaneous Activities

The inspector completed the test and other required activities and obtained the security badge necessary to have unfettered access to the facility.