



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

Report Nos. 50-259/79-12, 50-260/79-12, and 50-296/79-12

Licensee: Tennessee Valley Authority  
500A Chestnut Street Tower II  
Chattanooga, Tennessee 37401

Facility Name: Browns Ferry Nuclear Plant

Docket Nos. 50-259, 50-260, and 50-296

License Nos. DPR-33, DPR-52, and DPR-68

Inspection at Browns Ferry Site near Athens, Alabama

Inspector: D. S. Price  
for R. F. Sullivan

6/20/79  
Date Signed

Approved by: B. W. Piley Sr.  
H. C. Dance, Section Chief, RONS Branch

6/20/79  
Date Signed

SUMMARY

Inspection on April 2-27, 1979

Areas Inspected

This routine inspection involved 75 resident inspector-hours in the areas of plant operation, plant tours, reportable occurrences, offsite safety review, plant physical protection, and radiation area controls.

Results

Of the six areas inspected, no apparent items of noncompliance or deviation were identified.

7908060 002 Q



## DETAILS

### 1. Persons Contacted

#### Licensee Employees

J. G. Dewease, Plant Superintendent  
H. L. Abercrombie, Assistant Plant Superintendent  
J. L. Harness, QA Supervisor  
J. B. Studdard, Operations Supervisor  
R. Hunkapillar, Assistant Operations Supervisor  
J. A. Teague, Assistant Maintenance Supervisor, Electrical  
M. A. Haney, Assistant Maintenance Supervisor, Mechanical  
R. G. Metke, Results Section Supervisor  
J. L. Harness, Quality Assurance Supervisor  
J. R. Pittman, Instrument Engineer  
G. T. Jones, Outage Director  
W. C. Thomison, Chemical Engineer  
A. L. Burnett, Shift Engineer  
J. D. Glover, Shift Engineer  
R. Cole, QA Site Representative, Office of Power

Other licensee employees contacted included operators, craftsmen, technicians, public safety officers, QA personnel and engineering personnel.

### 2. Management Interviews

Management interviews were conducted on April 9, 13, 17, and 27, 1979 with the Plant Superintendent and selected members of his staff. The inspector summarized the scope and findings of his inspection activities. The licensee was informed that no items of noncompliance or deviations were identified.

### 3. Licensee Action on Previous Inspection Findings

Not inspected.

### 4. Unresolved Items

No unresolved items were identified during this inspection.

### 5. Plant Operations

The inspector kept informed on a daily basis of the overall plant status and any significant safety matters related to plant operations. Daily discussions were held with plant management and various members of the operations staff. Selected portions of the daily operating journals and operating data sheets were reviewed on at least a weekly basis during the report period.

The inspector made plant tours on the following dates: April 3, 10, 13, 17, 14, and 26. Selected areas of the turbine building, reactor building, and the outside areas were visited. Visits to the control rooms were done on a more frequent basis than the general plant tours. Observations included witnessing work activities in progress, status of operating and standby safety systems, valve positions, snubber condition, instrument readings and recordings, annunciator alarms, housekeeping, radiation area controls and vital areas control.

Informal discussions were held with operators and other personnel on work activities in progress and status of safety-related equipment or systems. The inspector's questions were satisfactorily resolved. Shift changes involving the shift engineers and control room operators were observed on April 3 and 18.

No items of noncompliance or deviations were identified by the inspector.

#### 6. Reportable Occurrence Review

The below listed licensee event reports were reviewed to determine if the information provided met NRC reporting requirements. The determination included adequacy of event description and corrective action taken or planned, existence of potential generic problems and the relative safety significance of the event.

LER No.	Date	Event
260/793	2/27/79	Control rod position indication temporarily lost on about one half of the display
296/7823	12/22/78	RCIC inoperable

Corrective action taken on the above events was determined to be adequate. No items of noncompliance or deviation were identified.

#### 7. Offsite Review Function

A review was made of the offsite Nuclear Safety Review Board (NSRB) functions and activities as they related to Browns Ferry for the period March 1977 to January, 1979. The review was based on records of the NSRB available at the site which included minutes of meetings conducted during the above period. The minutes confirmed that meetings met the quorum and frequency requirements of the Technical Specifications. The minutes also showed that items reviewed by the Board included unusual operating experiences, equipment malfunctions, design changes, proposed Technical Specification changes and license amendments, special tests, unreviewed safety question determinations, operator training program and reportable occurrences. Although the limited records at the site did not cover all the review functions of the Board, past visits to the Chattanooga offices of the Board confirmed that procedures had been implemented to fulfill the functional responsibilities of the board.



The inspector reviewed the composition and qualification of the Board membership. Membership has been stable and the practice to use consultants within TVA to support the Board in its review efforts has continued. In a previous inspection (IE Report No. 50-259/78-1) the inspector questioned (78-01-02) whether the Technical Specification requirement for having an outside consultant on the Board was satisfied by the member who was on loan to the Clinch River Breeder Reactor Project but retained certain employee rights with TVA. TVA submitted a proposed Technical Specification change on 3/3/79 to clarify this requirement. The inspector informed TVA that he considered this item closed.

The inspector did not identify any items of noncompliance or deviations during his review of the NSRB's activities.

8. Plant Physical Protection

During the course of his routine inspection duties, the inspector included observation of certain plant physical protection activities. These included personnel badging, searching, personnel escort, vehicle search and escort, and physical barriers. No items of noncompliance or deviations were identified.

