

830 Power Building

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

May 6, 1976

Central File

50-259

50-260

Mr. Norman C. Moseley, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 818
230 Peachtree Street, NW.
Atlanta, Georgia 30303

Dear Mr. Moseley:

This is in response to F. J. Long's letter of April 20, 1976, IE:II:BJC 50-259/76-6, 50-260/76-6, which transmitted for our review an IE Inspection Report (same number). We have reviewed that report and do not consider any part of it to be proprietary.

Very truly yours,

H. E. Gilleland
J. E. Gilleland
Assistant Manager of Power

*Reactor Facilities
Br.*



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
230 PEACHTREE STREET, N. W. SUITE 818
ATLANTA, GEORGIA 30303
APR 20 1976

In Reply Refer To:
IE:II:BJC
50-259/76-6
50-260/76-6

Tennessee Valley Authority
ATTN: Mr. Godwin Williams, Jr.
Manager of Power
818 Power Building
Chattanooga, Tennessee 37401

Gentlemen:

This refers to the inspection conducted by Mr. T. D. Gibbons of this office on March 10-12, 1976 and March 31 - April 2, 1976, of activities authorized by NRC Operating License Nos. DPR-33 and DPR-52 for the Browns Ferry Units 1 and 2 facilities, and to the discussion of our findings held with Mr. J. R. Hilding at the conclusion of the inspection.

Areas examined during the inspection and our findings are discussed in the enclosed inspection report. Within these areas, the inspection consisted of selective examination of procedures and representative records, interviews with personnel, and observations by the inspector.

Within the scope of this inspection, no items of noncompliance were disclosed.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC's Public Document Room. If this report contains any information that you believe to be proprietary, it is necessary that you submit a written application to this office requesting that such information be withheld from public disclosure. If no proprietary information is identified, a written statement to that effect should be submitted. If an application is submitted, it must fully identify the bases for which information is claimed to be proprietary. The application should be prepared so that information sought to be withheld is incorporated in a separate paper and referenced in the application since the application will be placed in the Public Document Room. Your application, or written statement,

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APR 20 1976

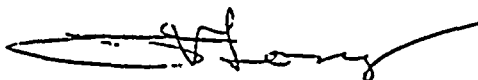
Tennessee Valley Authority

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should be submitted to us within 20 days. If we are not contacted as specified, the enclosed report and this letter may then be placed in the Public Document Room.

Should you have any questions concerning this letter, we will be glad to discuss them with you.

Very truly yours,



F. J. Long, Chief
Reactor Operations and Nuclear
Support Branch

Enclosure:

IE Inspection Report Nos.

50-259/76-6 and 50-260/76-6



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
230 PEACHTREE STREET, N. W. SUITE 818
ATLANTA, GEORGIA 30303

IE Inspection Report Nos. 50-259/76-6 and 50-260/76-6

Licensee: Tennessee Valley Authority
818 Power Building
Chattanooga, Tennessee 37401

Facility Name: Browns Ferry Units 1 and 2
Docket Nos.: 50-259 and 50-260
License Nos.: DPR-33 and DPR-52
Category: C/C

Location: Limestone County, Alabama

Type of License: GE, 1098 Mwe, BWR

Type of Inspection: Fire Damage Restoration

Dates of Inspection: March 10-12, 1976
March 31-April 2, 1976

Dates of Previous Inspection: February 9-11, 1976
February 24-March 1, 1976

Inspector-in-Charge: T. D. Gibbons, Reactor Inspector
Engineering Support Section No. 1
Reactor Construction and Engineering
Support Branch

Accompanying Inspector: None

Other Accompanying Personnel: None

Principal Inspector: B. J. Cochran
B. J. Cochran, Reactor Inspector
Projects Section
Reactor Construction and Engineering
Support Branch

4/15/76
/ Date

Reviewed by: J. C. Bryant
J. C. Bryant, Chief
Projects Section
Reactor Construction and Engineering
Support Branch

4/19/76
Date

SUMMARY OF FINDINGS

I. Enforcement Items

None.

II. Licensee Action on Previously Identified Enforcement Matters

Infractions

76-4-A1(II) Audits

The audit schedules are not updated at the required frequency, and there is no documented evidence that audits are conducted in accordance with an audit plan. This is an infraction. This item remains open.

76-4-A2(II) Cable Minimum Bend Radius

A cable was installed in Unit 2 in violation of the minimum bend radius. This is an infraction. This item remains open.

III. New Unresolved Items

None.

IV. Status of Previously Reported Unresolved Items

None.

V. Design Changes

None.

VI. Unusual Occurrence

None.

VII. Other Significant Findings

None.

VIII. Management Interview

The exit interview was held with Mr. J. R. Hilding, BFNP Restoration QA Manager, wherein the subjects of this inspection were discussed. No items of noncompliance were identified.

DETAILS I

Prepared by: J. D. Gibbons
T. D. Gibbons, Reactor Inspector
Engineering Support Section No. 1
Reactor Construction and Engineering
Support Branch

4-12-76
Date

Dates of Inspection: March 10-12 and March 31 - April 2, 1976

Reviewed by: S. D. Ebner
S. D. Ebner, Acting Section Chief
Engineering Support Section No. 1
Reactor Construction and Engineering
Support Branch

4/12/76
Date

The discussion contained in this section of this report applies to Unit 1 and 2 equally unless noted otherwise.

1. Persons Contacted

Tennessee Valley Authority - (TVA)

- J. R. Hilding - Fire Restoration QA Manager
- J. E. Law - QA Engineer
- D. Wright - Electrical Engineer

2. Scope of Inspection

This inspection was performed to verify that the requirements of Browns Ferry Electrical Maintenance Instruction (EMI) 20 have been met. The inspector observed work on the installation of Flameastic and firestops being installed by procedure BF 206R, (Electrical Penetration Seal and Firestop Installation and Inspection).

3. Implementation of Electrical Maintenance Instruction (EMI) 20 (Unit 1 Only)

The inspector reviewed the records of the maintenance inspection activities which are covered by EMI 20 in Unit 1. This covered the cleaning of panels, local control stations, motor operated valves and motors. The records included the inspection, cleaning and retest as required. The records were found to be complete. The inspector made a visual check in several areas verifying that the work reported in the records was completed. The inspector identified no items of noncompliance.

4. Implementation of BF 206R - Electrical Penetration Seal and Firestop Installation and Inspection

The inspector observed the work progressing on the installation of penetration seals and firestops on elevations 639, 621 and 591 of the reactor buildings in both units. On each elevation the equipment was covered with plastic sheets. Notices of no smoking were prominently displayed and firewatches were found in all areas. The craftsmen were applying the Flameastic at 1/4 inch wet which will dry to an 1/8 inch thickness. The procedure calls for 1/8 inch dry thickness. TVA inspectors were in the area observing the operation and assuring that the procedural requirements were fulfilled. The Flameastic 71 compound is a viscous, cream colored liquid which is applied by use of high pressure spray. It was noted that cable tags and tray labels were protected to prevent the Flameastic from covering any necessary information.

The firestops are constructed using various materials such as Cerafibre, Cerefoam Marinite, Silicone RTV foam and Silicone insulation. The installation covered TVA drawings, the procedure and manufacturers operating manuals. Specific inspection acceptance criteria are identified and QC signatures are required to hold points. The inspector observed the work in progress in the spreading room and various penetrations in the reactor building. Quality control in-process inspections were being performed concurrent with the installation work. The inspector has no further questions at this time.

