

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

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July 30, 1982

U.S. Nuclear Regulatory Commission
Region II
ATTN: James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

Enclosed is our response to F. J. Long's July 1, 1982 letter to H. G. Parris transmitting Inspection Report Nos. 50-259/82-19, -260/82-19, -296/82-19 regarding activities at our Browns Ferry Nuclear Plant which appeared to have been in violation of NRC regulations. We have enclosed our response to Appendix A, Notice of Violation. If you have any questions, please call Jim Damer at FTS 858-2725.

To the best of my knowledge, I declare the statements contained herein are complete and true.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

D S Kammer

D. S. Kammer
Nuclear Engineer

Enclosure

ENCLOSURE

RESPONSE - NRC INSPECTION REPORT NOS.
50-259/82-19, 50-260/82-19, AND 50-296/82-19
F. J. LONG'S LETTER TO H. G. PARRIS
DATED JULY 1, 1982

Appendix A (260/82-19-03)

Technical Specification 6.3.D.1 requires that each radiation area in which the intensity of radiation is greater than 100 mrem/hr shall be barricaded and posted as a high radiation area.

Contrary to the above, the requirement that each high radiation area be barricaded and posted as a high radiation area was not met in that on June 3, 1982, the intensity of radiation was 120 mrem/hour and 200 mrem/hour at the edge of the barricades around two high radiation areas in the torus area of the Unit 2 Reactor Building.

This is a Severity Level V Violation (Supplement IV.E) and is applicable to Unit 2.

1. Admission or Denial of the Alleged Violation

TVA admits the violation occurred as stated.

2. Reasons for the Violation if Admitted

On June 2, 1982 a detailed radiation survey was taken in the unit 2 reactor building, elevation 519, torus area. This survey confirmed previous surveys that a high-radiation area existed under the torus. On June 2, 1982 the area was properly posted and barricaded as a high-radiation area. Additionally, approximately 15 adhesive back "hot spot" signs which stated the dose rates had been posted on the surface of the torus. Written information was also provided to torus workers which related the location of the high-radiation area and the need to stay away from the area. Between the time of the June 2, 1982 survey and the violation on June 3, 1982, the high-radiation area boundary barrier was inadvertently moved. The barrier was probably moved to facilitate the movement of equipment past the area.

3. Corrective Steps Which Have Been Taken and Results Achieved

The torus area high-radiation rope barrier was reinstalled using metal clamps attached to the torus to make movement of the barricade more difficult. Radiological tape was placed on the floor to show where the rope barrier was to be positioned. In addition, all plant high-radiation areas were inspected to ensure similar problems did not exist.

4. Corrective Steps Which Will Be Taken to Avoid Further Violations

Whenever practical, radiological tape will be placed on the floor under high-radiation area barrier ropes to allow a rapid determination that a rope barrier has been moved.

5. Date When Full Compliance Will be Achieved

Full compliance was achieved on June 4, 1982 when the torus barrier was reestablished, signs were posted, and all high-radiation areas were inspected.