

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

10 FEB 29 P 1: 29

February 27, 1980

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

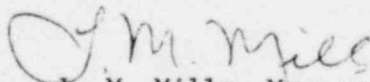
Dear Mr. O'Reilly:

Enclosed is our response to J. Philip Stohr's February 1, 1980, letter, RII:DMM 50-259/79-44, 50-260/79-44, and 50-296/79-44, concerning activities at Browns Ferry Nuclear Plant which appeared to be in noncompliance with NRC requirements.

We have reviewed the above inspection report and find no proprietary information in it. If you have any questions, please call Jim Domer at FTS 854-2014.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure

ENCLOSURE

RESPONSE TO J. P. STOHR'S LETTER DATED
FEBRUARY 1, 1980, REFERENCE: RII:DMM
50-259/79-44, 50-260/79-44, 50-296/79-44

The referenced letter set forth a certain activity under our license which appeared to be in noncompliance with NRC requirements. The following is that item and our response.

Deficiency

As required by Technical Specification 6.3.A.6, detailed written procedures for surveillance and testing shall be prepared, approved and adhered to. The BFNP Radiochemistry Manual, Section 500, requires an annual check of activity and efficiency factors for the Ge(Li) systems.

Contrary to the above, no efficiency and activity checks were made during the period from February 1977 to December 1979.

This is a deficiency.

Corrective Steps Taken and Results Achieved

The required efficiency and activity checks were completed. The results were in agreement with confirmatory measurements.

Corrective Steps Taken to Avoid Further Noncompliance

A cognizant engineer has been assigned the overall responsibility of ensuring the QC requirements of the counting equipment are met.

Date Full Compliance Achieved

The efficiency and activity factor verification was completed on February 15, 1980.

Additionally, the analytical results of confirmatory measurement samples, consisting of one sample of liquid floor drain storage tank and one sample of waste sample tank requested by Dr. Montgomery during the exit meeting at Browns Ferry Nuclear Plant on December 20, 1979, are attached.

ATTACHMENT

Strontium

| Nuclide CST | Activity decay corrected to 12/21/79, 0430 ($\mu\text{Ci/ml}$) | |
|----------------|---|----------|
| | WST | FDST |
| Sr-89 | 2.37E-08 | 2.36E-07 |
| Sr-90 | 5.19E-09 | 1.08E-08 |