

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

OCT 03 1988

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of)	Docket Nos. 50-259
Tennessee Valley Authority)	50-260
)	50-296

BROWNS FERRY NUCLEAR PLANT (BFN) UNITS 1, 2, AND 3 - ANALYSIS OF A SPIKED SAMPLE FOR NRC CONFIRMATORY MEASURES PROGRAM

This is a supplemental report to provide TVA's results of a second sample spiked with radionuclides sent to TVA to be analyzed. In the initial report dated August 13, 1988, it was noted that TVA's Power Operations Training Center (POTC) identified inconsistencies during the analysis of the first spiked sample, and therefore, the results of the strontium 89, strontium 90, and iron 55 were not reported.

J. Kahle, Chief of Radiological Effluents and Chemistry Section, arranged to have a second sample shipped directly to TVA's POTC for reanalysis. The results of this sample are as follows:

Sr-89	1.35 E-04 ± 1.00 E-06	µCi/ml
Sr-90	8.60 E-06 ± 2.00 E-08	µCi/ml
Fe-55	1.88 E-07 ± 2.00 E-07	µCi/ml

The above data was decay corrected to May 12, 1988.

If you have any questions, please telephone Jim Wallace at (205) 729-2053.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

R. Griefey
R. Griefey, Manager
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Regulatory Affairs

cc: See page 2

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U.S. Nuclear Regulatory Commission

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