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 GRIDLEY, R.                      Tennessee Valley Authority  
 RECIP. NAME                      RECIPIENT AFFILIATION  
 KAHLE, J. B.                      Region 2, Office of Director

SUBJECT: Submits results of analysis of sample spiked w/radionuclides for confirmatory measurements program. Data decay corrected to 870111.

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NOTES:			12	12					



TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

JUN 23 1987

U.S. Nuclear Regulatory Commission  
Region II  
ATTN: Mr. J. B. Kahle  
Suite 2900  
101 Marietta Street, N.W.  
Atlanta, Georgia 30323

Dear Sir:

In the Matter of  
Tennessee Valley Authority

)  
)

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

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

As part of the NRC Confirmatory Measurements Program, samples spiked with radionuclides were sent to BFN to be analyzed. The samples were analyzed for Strontium-89 (Sr-89) and Strontium-90 (Sr-90) by the Power Operations Training Center Laboratory and Tritium (H-3) by the BFN Radiochemistry Laboratory. The results of our analysis of the samples sent to BFN are as follows:

Sr-89	2.78	±	0.03 X 10 <sup>-5</sup>	µCi/ml
Sr-90	2.65	±	0.05 X 10 <sup>-6</sup>	µCi/ml
H-3	1.99	±	0.05 X 10 <sup>-5</sup>	µCi/ml

The above data was decay corrected to January 11, 1987.

Please refer any questions to M. J. May, Manager of Site Licensing, BFN, at (205) 729-3566.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*J. A. Homer*  
for R. Gridley, Director  
Nuclear Safety and Licensing

cc: See page 2

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U.S. Nuclear Regulatory Commission

JUN 23 1987

cc: Mr. G. G. Zech, Assistant Director  
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Division of TVA Projects  
Office of Special Projects  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., NW, Suite 2900  
Atlanta, Georgia 30323

Browns Ferry Resident Inspector  
Browns Ferry Nuclear Plant  
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Athens, Alabama 35611

Mr. J. A. Zwolinski, Assistant Director  
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