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JAN 16 1985

Tennessee Valley Authority  
ATTN: Mr. H. G. Parris  
Manager of Power and Engineering  
500A Chestnut Street, Tower II  
Chattanooga, TN 37401

Gentlemen:

SUBJECT: DOCKET NOS. 50-327, 50-328 and 50-259, 50-260, 50-296

As part of the NRC Confirmatory Measurements Program, liquid samples spiked with radionuclides will be sent to the Sequoyah and Browns Ferry facilities for radiochemical analyses. These samples are to be analyzed for tritium, strontium-89, and strontium-90 in accordance with your approved procedures for analysis of liquid waste samples. The sample for Sequoyah also contains iron-55. If routine analyses of this type are normally performed by a vendor, this vendor should be used to analyze the spiked samples. The spiked samples, with instructions, will be sent under separate cover from the Department of Energy's Radiological and Environmental Sciences Laboratory, within approximately thirty days.

We request that the analyses be completed as soon as practicable, but not later than 60 days from receipt of the samples. Results should be sent to: U. S. Nuclear Regulatory Commission, Region II, Attn: Dr. D. M. Montgomery. Our evaluation of your results will be discussed with your staff and documented in our next inspection report for this area. Spiked samples will be sent to you on an annual basis as part of our routine inspection program.

If you have any questions regarding this program, please contact Dr. Montgomery by telephone at 404-221-2600.

Sincerely,

Original Signed by  
John A. Olshinski

John A. Olshinski, Director  
Division of Reactor Projects

cc: (See page 2)

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cc: J. A. Coffey, Browns Ferry  
 Nuclear Plant Site Director  
 G. T. Jones, Plant Manager  
 J. W. Anderson, Manager  
 Office of Quality Assurance  
 H. N. Culver, Chief  
 Nuclear Safety Staff  
 D. L. Williams, Jr.  
 Supervisor, Licensing Section  
 R. E. Rogers, Project Engineer  
 H. L. Abercrombie  
 Sequoyah Site Director  
 P. R. Wallace, Plant Manager  
 J. E. Wills, Project Engineer  
 W. L. Williams, Supervisor  
 Chemical Unit  
 J. Clark, Chemistry Supervisor

bcc: Senior Resident Inspector  
 Document Control Desk  
 State of Tennessee  
 State of Alabama  
 R. J. Clark, Licensing  
 Project Manager, NRR

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*SA*  
 SAdamovitz  
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*DM*  
 DMontgomery  
 1/6/85

RII  
*DC*  
 DCollins  
 1/8/85

*R II for*  
*D. Sorely*  
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