

JAN 14 1987

Virginia Electric and Power Company
ATTN: Mr. W. L. Stewart, Vice President,
Nuclear Operations
P. O. Box 26666
Richmond, VA 23261

Gentlemen:

SUBJECT: DOCKET NOS. 50-280 AND 50-281, CONFIRMATORY MEASUREMENT RESULTS
SUPPLEMENT TO INSPECTION REPORT NOS. 50-280/85-29 AND 50-281/85-29

As part of the NRC Confirmatory Measurements Program, spiked liquid samples were sent on May 8, 1986, to your Surry facility for selected radiochemical analyses. We are in receipt of your analytical results transmitted to us by your letters dated July 11 and October 1986. Results were verified based on a telephone conversation on September 9, 1986. Comparison of your results to the known values are presented in Enclosure 1 for your information. The acceptance criteria for the comparisons are listed in Enclosure 2.

In our review of the data, comparative results were in agreement for H-3, Sr-89, and Sr-90 analyses and disagreement for the Fe-55 analysis. This disagreement may be indicative of a programmatic weakness and therefore your attention is directed to determining the underlying cause for this disagreement. Furthermore, all data should be reviewed in greater detail by cognizant staff members for significant trends in the data among successive analyses.

These results and any results from previous years pertaining to these analyses will be discussed at future NRC inspections.

Sincerely,

Original Signed by
Roger D. Walker

Roger D. Walker, Director
Division of Reactor Projects

Enclosures:

1. Confirmatory Measurement Comparisons
2. Criteria for Comparing Analytical Measurements

cc w/encls: (See page 2)

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