

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

April 24, 1990

United States Nuclear Regulatory Commission  
Attention: Mr. D. M. Collins  
Suite 2900  
101 Marietta Street, N.W.  
Atlanta, Georgia 30323

Serial No. 90-100  
NL/RMN:jmj  
Docket Nos. 50-338  
50-339  
License Nos. NPF-4  
NPF-7

Gentlemen:

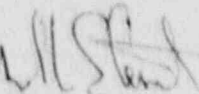
**VIRGINIA ELECTRIC AND POWER COMPANY**  
**NORTH ANNA POWER STATION UNITS 1 AND 2**  
**INSPECTOR FOLLOWUP ITEM 50-338/89-33-02**  
**RESULTS OF H-3 SPIKED SAMPLE ANALYSIS**

As indicated in your letter of February 15, 1990, a liquid sample spiked with radionuclides was received at our North Anna Power Station on March 2, 1990. The analysis was completed by March 21, 1990, that is, no later than 60 days from receipt of the sample.

The liquid sample has been analyzed for tritium (H-3) in accordance with your instructions. The analysis was performed with a liquid scintillation counter, as called for by station procedures. We found an activity of  $1.65 \times 10^{-4}$   $\mu\text{Ci}$  tritium per ml with an uncertainty of plus or minus  $0.33 \times 10^{-4}$   $\mu\text{Ci}$  /ml.

If you have any questions regarding these results, please contact us.

Very truly yours,



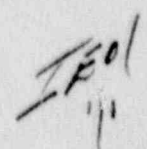
W. L. Stewart  
Senior Vice President - Nuclear

Attachment

cc: United States Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555

Mr. M. S. Lesser  
NRC Senior Resident Inspector  
North Anna Power Station

9005010203 900424  
PDR ADDL 05000338  
P PDC



ATTACHMENT

NRC CONFIRMATORY MEASUREMENTS PROGRAM  
SPIKED LIQUID SAMPLE  
ANALYSIS RESULTS

NORTH ANNA POWER STATION

<u>Sample</u>	<u>Isotope</u>	<u>Activity</u> <u>(<math>\mu</math>Ci/ml)</u>	<u>Uncertainty</u> <u>(<math>\mu</math>Ci/ml)</u>
Liquid	H-3	1.65E-4	$\pm 0.33\text{E-}4$