



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET SW SUITE 23T85
ATLANTA, GEORGIA 30303-8931**

March 22, 2001

Virginia Electric and Power Company
ATTN: Mr. David A. Christian
Senior Vice President and
Chief Nuclear Officer
Innsbrook Technical Center - 2SW
5000 Dominion Boulevard
Glen Allen, VA 23060-6711

SUBJECT: ASSESSMENT FOLLOWUP - NORTH ANNA NUCLEAR STATION UNIT 2

Dear Mr. Christian:

On January 19 your staff notified the NRC that North Anna Unit 2 was in a Notice of Unusual Event and the unit was being shutdown due to identified reactor coolant system (RCS) leakage exceeding the Technical Specification allowable 10 gallons per minute (gpm). The leakage was from the C loop bypass valve packing leakoff line. The leak was repaired and the unit was returned to service. In your notification, you stated that the identified RCS leakage was 10.0015 gpm. In subsequent conversations with the Senior Resident Inspector, you confirmed that this was the calculated Technical Specification leakage value and to date is the maximum value for any month during the first quarter of 2001.

You have indicated, and the NRC has confirmed, that when you next report your PIs in April 2001, this maximum leakage value will result in you reporting the RCS Leakage Performance Indicator (PI) as a White PI for the month of January. Although this PI returned to Green in February 2001, we plan to conduct a supplemental inspection at your facility as specified by the NRC Reactor Oversight Process Action Matrix for a White PI. The inspection is to review your root cause and contributing cause analyses, the extent of condition determination, and the corrective actions taken or planned to address the White PI. This inspection is to be performed by the resident inspectors at your site during the period March 21 through April 27, 2001. They will use Inspection Procedure 95001, "Inspection For One or Two White Inputs in a Strategic Performance Area."

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

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If you have any questions, please call me at (404) 562-4510.

Sincerely,

/RA/

Kerry D. Landis, Chief
Reactor Projects Branch 5
Division of Reactor Projects

Docket No.: 50-339

License No.: NPF-7

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