VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

May 28, 2002

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

Serial No.: 02-328
CM/RAB R0
Docket Nos.: 50-338
50-339
License Nos.: NPF-4
NPF-7

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)
NORTH ANNA POWER STATION UNITS 1 AND 2
IMPROVED TECHNICAL SPECIFICATIONS
CORRECTION OF ADMINISTRATIVE ERROR (TAC Nos. MB0799 AND MB0800)

On April 5, 2002, the Nuclear Regulatory Commission issued Amendment Nos. 231 and 212 to Facility Operating License Nos. NPF-4 and NPF-7 for the North Anna Power Station, Unit Nos. 1 and 2 (letter Serial No. 02-275). These amendments converted our current Technical Specifications (CTS) to a set of improved Technical Specifications (ITS), based on NUREG-1431, "Standard Technical Specifications, Westinghouse Plants."

In preparing to implement these amendments, we have identified an administrative error in Technical Specification 3.3.1, page 17. The inequality associated with τ_3 should be "$\geq$," not "$\leq$." In our CTS, we refer to what is called τ_7 in NUREG-1431 as τ_3. In converting to the ITS, we inadvertently adopted the inequality sign convention of the NUREG's τ_3 for our τ_3, which is not correct. We should have adopted the inequality sign convention for the NUREG's τ_7.

Therefore, we are requesting that the NRC issue a revised page to Amendments 231 and 212 to the Facility Operating Licenses for North Anna Power Station, Unit Nos. 1 and 2. The revised page, which is attached, corrects the administrative error. Also, the page that was originally issued by the NRC is attached, with the change shown.

To avoid unnecessary administrative burden and support the current ITS implementation schedule, we request that you issue the revised page by June 30, 2002.

A001

If you have any further questions or require additional information, please contact us.

Very truly yours,

Leslie N. Hartz
Vice President - Nuclear Engineering

Attachment

Commitments made in this letter: None

cc: U.S. Nuclear Regulatory Commission
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SN: 02-328
Docket Nos. 50-338/339
Subject: ITS – Correction of Admin. Error

COMMONWEALTH OF VIRGINIA)
)
COUNTY OF HENRICO)

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by Leslie N. Hartz, who is Vice President - Nuclear Engineering, of Virginia Electric and Power Company. She has affirmed before me that she is duly authorized to execute and file the foregoing document in behalf of that Company, and that the statements in the document are true to the best of her knowledge and belief.

Acknowledged before me this 28th day of May, 2002.

My Commission Expires: March 31, 2004.

Notary Public

(SEAL)

Attachment

Improved Technical Specifications
Markup and Revised Pages 3.3.1-17

Virginia Electric and Power Company
(Dominion)
North Anna Power Station Units 1 and 2

Table 3.3.1-1 (page 5 of 5)
Reactor Trip System Instrumentation

Note 2: Overpower ΔT

The Overpower ΔT Function Allowable Value shall not exceed the following nominal trip setpoint by more than 2% of ΔT span.

$$\Delta T \leq \Delta T_0 \left\{ K_4 - K_5 \left[\frac{\tau_3 s}{1 + \tau_3 s} \right] T - K_6 [T - T'] - f_2(\Delta I) \right\}$$

Where: ΔT is measured RCS ΔT, °F.
ΔT_0 is the indicated ΔT at RTP, °F.
s is the Laplace transform operator, sec^{-1}.
T is the measured RCS average temperature, °F.
T' is the nominal T_{avg} at RTP, $\leq$ [*]°F.

$K_4 \leq$ [*]
$K_5 \geq$ [*]/°F for increasing T_{avg}
[*]/°F for decreasing T_{avg}
$K_6 \geq$ [*]/°F when $T > T'$
[*]/°F when $T \leq T'$

$\tau_3 \geq$ [*] sec

$f_2(\Delta I)$ = [*]

The values denoted with [*] are specified in the COLR.

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