

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

W. L. STEWART
VICE PRESIDENT
NUCLEAR OPERATIONS

March 15, 1988

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

Serial No. 88-056
NO/RMK:jmj
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

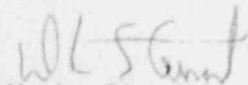
Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNITS 1 AND 2
PRESSURIZED THERMAL SHOCK REFERENCE TEMPERATURE UPDATE

Virginia Electric and Power Company letter dated January 23, 1986 (Serial No. 85-628) included an attachment, WCAP-11016, which provided the then current and projected pressurized thermal shock reference temperature (RTpts) values for North Anna Power Station Units 1 and 2. By letter dated December 30, 1986, the NRC issued Amendments Nos. 89 and 75 to Facility Operating License Nos. NPF-4 and NPF-7 for North Anna Power Station Units 1 and 2. These amendments changed the license expiration date for Unit 1 from February 18, 2011 to April 1, 2018, and from February 19, 2011 to August 21, 2020 for Unit 2. Since 10 CFR 50.61(b)(1) requires updated RTpts values whenever significant changes occur, we are submitting a revision of our original RTpts analysis (WCAP-11016, Revision 3) to include the extension of the North Anna Operating Licenses to 40 years from the issuance of the licenses.

The present RTpts values and the projected RTpts values at the new expiration date of the operating license were calculated for each material in the reactor vessel belt line region for each Unit. The revised RTpts values still do not exceed the RTpts screening criteria. This assessment will be updated in accordance with 10CFR50.61(b)(1) whenever changes in core loadings, surveillance measurements, or other information indicates a significant change in projected values.

Very truly yours,


W. L. Stewart

Attachment: WCAP-11016, Revision 3

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Mr. J. L. Caldwell
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North Anna Power Station