

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

June 1, 1988

D. S. CRUDEN
VICE PRESIDENT-NUCLEAR

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Serial No. 88-202
NAF/DMB/dof
Docket No. 50-338
License No. NPF-4

Gentlemen:


VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNIT 1
REACTOR VESSEL MATERIALS SURVEILLANCE PROGRAM

In accordance with the requirements of 10 CFR 50, Appendix H, Section III, we are submitting the attached report (WCAP 11777 issued February, 1988) which presents the examination results of the second surveillance capsule removed from North Anna Unit 1. This report summarizes the post irradiation materials testing and the dosimetry calculations obtained from Capsule U.

The reactor vessel surveillance capsule withdrawal schedule contained in the attached report supersedes the schedule contained in the Reactor Vessel Materials Surveillance Program report (BAW-1911, Rev. 1) transmitted in our letter dated March 13, 1987, Serial Number 85-722B and will be incorporated in a future revision to the Updated Final Safety Analysis Report (UFSAR).

The North Anna Unit 1 Technical Specifications contain operational limits which are affected by the results of this capsule analysis. However, since the measured fluence accumulation was less than that assumed in the extrapolation of the current heatup and cooldown curves and the low temperature overpressure protection setpoints, the current Technical Specifications remain conservative until the Technical Specifications are reviewed for desired changes based on the Capsule U evaluation. In accordance with the requirements of 10 CFR 50, Appendix H, we will submit any required Technical Specification changes by November 30, 1988.

Very truly yours,



D. S. Cruden

Attachment

WCAP-11777

*Acc'd
11*

cc: U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, N.W.
Suite 2900
Atlanta, GA 30323

Mr. J. L. Caldwell
NRC Senior Resident Inspector
North Anna Power Station

