

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

February 5, 1997

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D. C. 20005

Serial No. 96-444A
NLOS/GSS/ETS: R0
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

Dear Sir:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNITS 1 AND 2
PROTECTION AGAINST DYNAMIC EFFECTS
ASSOCIATED WITH THE POSTULATED RUPTURE
OF HIGH ENERGY PIPING OUTSIDE CONTAINMENT

In our letter dated September 23, 1996 (Serial No. 96-444), we informed the NRC of our intent to modify the inspection program performed at North Anna to preclude high energy piping ruptures outside containment. Specifically, we proposed modifying our current commitment by replacing the augmented inservice inspection program for the Main Steam and Feedwater Systems in the Mechanical Equipment Room with our Secondary Piping and Component Inspection Program (flow-accelerated corrosion program).

Implementation of the current augmented inspection program and the Secondary Piping and Component Inspection Program for the Main Steam and Feedwater System was discussed with the NRC staff on October 30, 1996. As a result of that discussion, we are modifying our proposed commitment change. In addition to the Secondary Piping and Component Inspection Program, we will continue to implement an augmented weld inspection program for the identified potential break point locations in the Main Steam and Feedwater Systems piping located in the Mechanical Equipment Room, but at a reduced percentage. Twenty-five percent of the potential break point weld locations in the Main Steam and Feedwater Systems piping located in the Mechanical Equipment Room will be examined each inspection interval in accordance with the rules of ASME Section XI, subsection IWC (Class 2), edition and addenda corresponding to the current approved ASME Section XI program (currently the 1983 edition and Summer 1983 addenda for North Anna Unit 1 and the 1986 edition for North Anna Unit 2). The inspection locations will be changed each ASME Section XI inspection interval, such that a different twenty-five percent of the weld locations will be inspected.

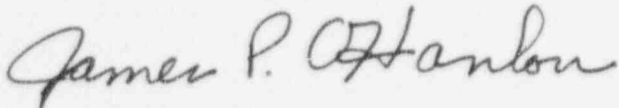
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The proposed modification addresses an NRC staff question regarding the potential for future age-related damage mechanisms at the welds. The proposed percentage of augmented inspections is equivalent to the percentage currently required for ASME Class 1 piping welds in ASME Section XI. As such, piping weld integrity continues to be adequately assured by the proposed augmented inspection program.

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

Very truly yours,

A handwritten signature in cursive script, reading "James P. O'Hanlon".

James P. O'Hanlon
Senior Vice President - Nuclear

cc: United States Nuclear Regulatory Commission
Regional Administrator
Region II
101 Marietta Street, N. W
Suite 2900
Atlanta, Georgia 30323

Mr. R. D. McWhorter
NRC Senior Resident Inspector
North Anna Power Station