

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

W. L. STEWART
VICE PRESIDENT
NUCLEAR OPERATIONS

March 30, 1988

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

Serial No. 86-796B
NO/ISI
Docket No. 50-338
License No. NPF-4

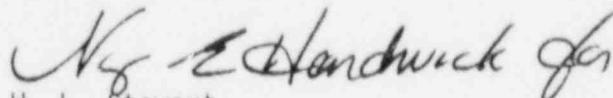
Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNIT 1
ASME SECTION XI RELIEF REQUEST
SUPPLEMENTAL INFORMATION

Virginia Electric and Power Company letters dated February 6, 1987 (Serial No. 86-796) and May 22, 1987 (Serial No. 86-796A) requested relief from various examination requirements of ASME Section XI for the first inservice inspection interval for North Anna 1. Upon further documentation review we have found inaccurate information in Attachment 1, page 2 of 12, Relief Request 1 concerning Reactor Coolant Pump Casing Welds. The information has been corrected on the attached "CORRECTED Attachment 1 - Page 2 of 12" and indicated by vertical lines in the right margin.

Relief from examination of the Reactor Coolant Pump Casing Welds was granted by your letter dated 7/13/87, Enclosure Page 4, Sec. A.4. We do not believe that this correction alters the basis for the granting of this relief.

Very truly yours,


W. L. Stewart

Attachments

cc: U. S. Nuclear Regulatory Commission
101 Marietta Street, N.W.
Suite 2900
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Mr. J. L. Caldwell
NRC Senior Resident Inspector
North Anna Power Station

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ASME SECTION XI RELIEF REQUEST
FROM CLASS 1 PUMP CASING EXAMINATIONS

NORTH ANNA POWER STATION UNIT 1

ASME SECTION XI EXAMINATION REQUIREMENT - 1974 Edition through Summer 1975
Addenda

Item No. B5.6, Category B-L-1: The examinations performed during each inspection interval shall include 100% of the pressure-retaining welds in at least one pump in each group of pumps performing similar functions in system (e.g., recirculating coolant pumps). The examination method shall be volumetric.

Item B5.7, Category B-L-2: One pump in each of the group of pumps performing similar functions in the system shall be examined during each inspection interval. This examination may be performed on the same pump selected for the Category B-L-1 examination. The examination method shall be visual.

Alternate Examination Proposed For Item Nos. B5.6 and B5.7

In lieu of Volumetric Examinations, Virginia Electric and Power Company proposed to perform:

- 1) 100% visual examination of the external surfaces only of one pump's casing weld to the extent and frequency of Examination Category B-L-2.
- 2) Surface examination to the extent practicable of the external casing weld of one pump only, to the conditions and frequency of Examination Category B-L-2.

Reason for Relief Request

The North Anna Power Station Unit 1 reactor coolant pumps are Westinghouse Model 93 controlled leakage pumps. The Model 93 pump casing is fabricated by welding two stainless steel castings together. Thus, there is one circumferential pressure boundary weld in each pump that is to be examined in accordance with Category B-L-1 and B-L-2.

Since the installation of these pumps, it has been recognized that a volumetric examination of the casing welds is not practical with today's ultrasonic techniques.