

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

September 1, 1995

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

Serial No. 95-417
NL&P/EJW R0
Docket No. 50-339
License No. NPF-7

Gentlemen:

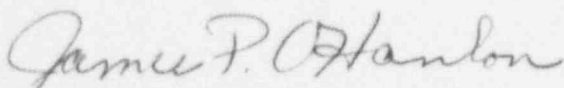
VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNIT 2
INSERVICE INSPECTION PROGRAM RELIEF REQUEST

Pursuant to 10 CFR 50.55a(g)(5)(iii), relief is requested from certain requirements of the ASME Section XI Code associated with the extent of examinations practical for the North Anna Unit 2. North Anna Unit 2 is currently in the second period of the second ten-year inservice inspection interval. The North Anna Unit 2 Inservice Inspection Program is in conformance with the requirements of the 1986 Edition of ASME Section XI.

During the 1995 Unit 2 refueling/steam generator replacement outage, several weld examinations were determined to be impracticable due to interferences from adjacent components and component supports. Relief Request NDE-30 for North Anna Unit 2 (attached) identifies the affected welds and provides bases for Virginia Electric and Power Company's proposal to consider the partial examinations as having met the Code requirements. This relief request has been approved by the North Anna Station Nuclear Safety and Operating Committee.

If you have any further questions, please contact us.

Very truly yours,



James P. O'Hanlon
Senior Vice President - Nuclear

Attachment: Relief Request NDE - 30

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cc: U.S. Nuclear Regulatory Commission
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Mr. R. D. McWhorter
NRC Senior Resident Inspector
North Anna Power Station

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Region II
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ATTACHMENT

**North Anna Power Station Unit 2
ASME Section XI Relief Request NDE-30**

NORTH ANNA UNIT 2
RELIEF REQUEST NDE-30

I. IDENTIFICATION OF COMPONENT

Integral Attachments for Vessels, Piping, Pumps and Valves

Pumps Integrally Welded Attachments

Drawing No.

Mark/Weld No.

12050-WMKS-CH-P-1A

WS-3

12050-WMKS-CH-P-1A

WS-4

12050-WMKS-CH-P-1B

WS-3

12050-WMKS-CH-P-1B

WS-4

II. IMPRACTICABLE CODE REQUIREMENTS

The 1986 edition of ASME Section XI in Table IWB-2500-1, examination category C-C, item number C3.30 does not allow any limitations to the required surface examinations. Code Case N-460, Alternative Examination Coverage for Class 1 and Class 2 Welds, allows a reduction in coverage, if it is less than 10%.

III. BASIS FOR RELIEF

The integral attachment welds listed above have been examined to the maximum extent practical as required by the Code. The Code required surface examination was reduced due to a support pad which the integral attachment rests on and the pump end flange. The support pad prohibits access to the underside of the integral attachment. The end flange prohibits access to one of the outer edges of each integral attachment on the "A" pump. The end flange on the "B" pump limits a portion of the base material required to be examined.

The limitation on integral attachment welds WS-3 and WS-4 on 2-CH-P-1A was 41 % of the examination area as required (59 % of the required area was examined). Figure NDE-30-1 is provided detailing the limitations experienced.

The limitation on integral attachment welds WS-3 and WS-4 on 2-CH-P-1B was 18.5 % of the examination area as required (81.5 % of the required area was examined). Figure NDE-30-2 is provided detailing the limitations experienced.

IV. ALTERNATE PROVISIONS

It is proposed that the examinations already completed at the reduced coverage be counted as meeting the Code preservice requirements.

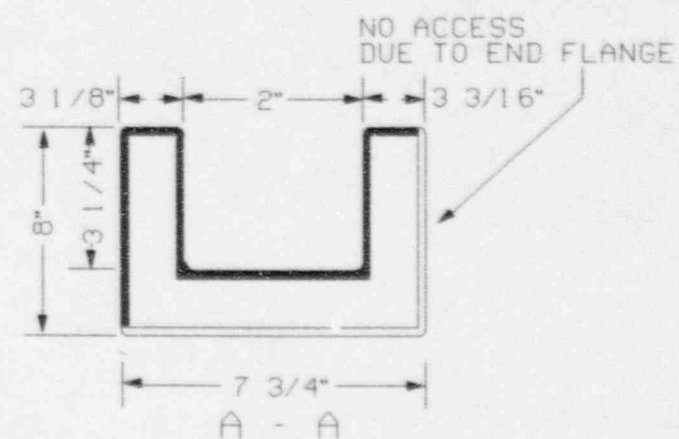
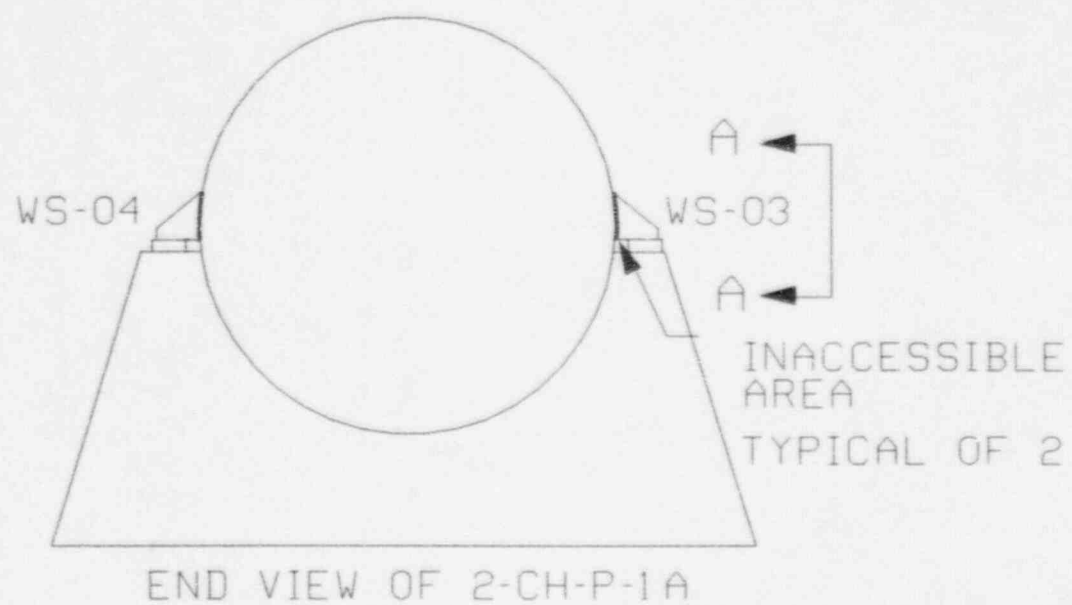


FIGURE NDE-30-1
INTEGRAL ATTACHMENTS WS-3 AND WS-4

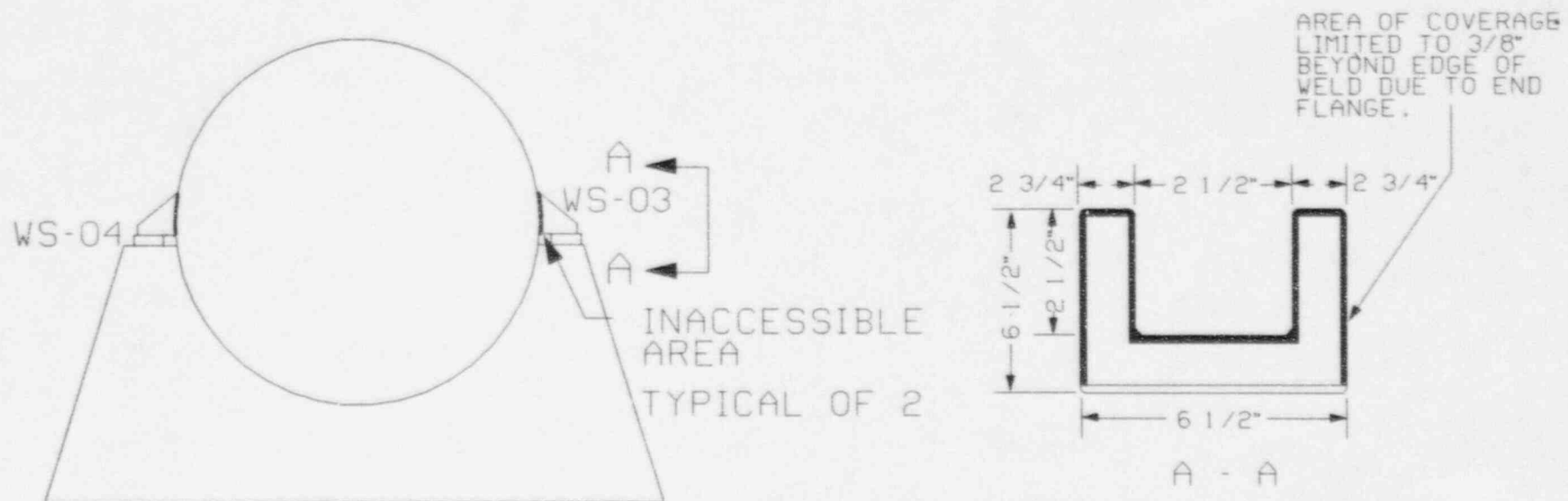


FIGURE NDE-30-2
INTEGRAL ATTACHMENTS WS-3 AND WS-4