

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

April 25, 1994

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

Serial No. 94-243
NES/ISI/EWT/ETS/vlh
Docket No. 50-280
License No. DPR-32

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION UNIT 1
INSERVICE INSPECTION PROGRAM
PRESSURIZER WELD EXAMINATIONS

Our October 8, 1993 letter (Serial No. 93-451A) submitted Relief Request SR-005 for the Surry Unit 1 Inservice Inspection Program. This relief request identified a support structure obstruction which prevented complete examination of the shell-to-top head weld (weld 1-07) and the intersecting longitudinal weld (weld 1-15) on the pressurizer. The relief request included expected examination coverage without removing the support interferences. In our letter we stated that if the examination coverage attained is significantly less than that proposed, we would submit the actual weld examination coverage results.

The actual weld examination coverage is as follows:

For weld 1-07 (shell-to-top head weld), for reflectors parallel to the weld seam the expected coverage was 66.7% and the actual coverage was 37.2%. For reflectors transverse to the weld seam the expected coverage was 79% and the actual coverage was 87%.

For weld 1-15 (intersecting longitudinal weld), the expected coverage was 44.5%. However, no examination could be performed at the Code required examination area of 0" to 12". The support interferences extend to a greater degree than expected. The pressurizer safety valve support covers the weld from 0" to 24". On May 18, 1986 an examination was performed on this weld from 24" to 36" with no reportable indications.

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

Very truly yours,



f - W. L. Stewart
Senior Vice President - Nuclear

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

Mr. M. W. Branch
NRC Senior Resident Inspector
Surry Power Station
