

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

April 14, 1992

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

Serial No.: 92-277
NAPS/MJB
Docket Nos.: 50-338
50-339
License Nos.: NPF-4
NPF-7

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNITS 1 AND 2
TOTAL SETTLEMENT OF THE FUEL OIL PUMPHOUSE

On March 19, 1992, the total settlement of a corner of the Fuel Oil Pumphouse (survey point 246), as defined by survey, exceeded 75 percent of the allowable value of 0.030 ft. as specified in Technical Specification 3.7.12.1, Table 3.7-5. A Deviation Report was issued on March 19, 1992, based on this data. The total settlement of point 246 as recorded by the survey was 0.023 feet, or 76.7 percent of the allowable value. During the last performance of the survey in October 1991, the total settlement of the point, as defined by survey, was 0.020 feet or 66.77% of the allowable value. This special report is submitted pursuant to the requirements of Technical Specification 3.7.12.1.

The basis for monitoring the total settlement of the Fuel Oil Pumphouse is the settlement induced stress placed on the Fuel Oil System piping which is attached to the Fuel Oil Pumphouse. The Fuel Oil Pumphouse is a rock-founded structure. As described in Technical Report CE-0019, "Evaluation of Settlement Monitoring program for Main Plant Structures in Proposed Changes to Technical Specification 3/4.7.12," dated September, 1989, rock-founded structures have not experienced settlement.

On October 2, 1989, Virginia Electric and Power Company submitted a Technical Specification change request (Serial No. 89-682) which proposed the deletion of the requirement to monitor survey point 246 along with other rock founded structures. Technical Report CE-0019, which was Attachment 4 to this October 1989 submittal, provides the technical bases for deletion of the requirement to monitor this and other points.

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Based upon the evaluation contained in Technical Report CE-0019, the structural integrity of the piping monitored by point 246 has not been compromised. This special report has been reviewed by the Station Nuclear Safety and Operating Committee.

Should you have any questions regarding this report, please contact us.

Very truly yours,



W. L. Stewart
Senior Vice President - Nuclear

cc: U.S. Nuclear regulatory Commission
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Mr. M. S. Lesser
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North Anna Power Station