

POOR ORIGINAL

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

April 10, 1980

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Serial No. 327
PO/RMT:baw
Docket No. 50-339
Permit No. CPPR-78

Dear Mr. O'Reilly:

Pursuant to the provisions of 10CFR50.55(e), the NRC Region II was notified on March 14, 1980, of a potential for Westinghouse supplied control rod guide tube support pins, solution heat treated below 1950°F, to break due to stress corrosion cracking. The support pins prevent lateral movement of the guide tubes and if broken could result in misalignment of the guide tube with possible restriction of the associated control rod movement.

A safety evaluation by Westinghouse has concluded that control rod operation would not be jeopardized by a broken pin for non-Upper Head Injection (UHI) plants (i.e., North Anna Power Station) due to the small gap clearance between the non-UHI guide tube and the core plate. As a preventive measure, all support pins in Unit 2 are being replaced with pins having a higher heat treatment temperature. This replacement will be completed prior to the installation of the upper internals in the reactor vessel.

This is our final report regarding this matter. If further information is required, please contact this office.

Very truly yours,

ORIGINAL SIGNED BY
B. R. SYLVIA

B. R. Sylvia
Manager-Nuclear Operations

cc: Mr. Victor Stello, Director
Office of Inspection and Enforcement

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation

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