



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

February 5, 1980

Alan S. Rosenthal, Esq., Chairman
Atomic Safety and Licensing Appeal
Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Michael C. Farrar, Esq.
Atomic Safety and Licensing Appeal
Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. John Buck
Atomic Safety and Licensing Appeal
Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

In the Matter of
Virginia Electric and Power Company
(North Anna Nuclear Power Station, Units 1 and 2)
Docket Nos. 50-338 OL and 50-339 OL

Gentlemen:

I am sending this letter to update the information contained in a Board notification consisting of a December 12, 1979 memorandum from M. L. Boyle to S. S. Pawlicki regarding Westinghouse turbine disk cracking. On December 17, 1979, the Staff met with representatives of Westinghouse and several utilities, including Virginia Electric and Power Co., to discuss new information on the indication of cracking in Westinghouse turbines. A copy of the summary of that meeting is attached to this letter. The Staff also met with Westinghouse and utilities in a public meeting on this matter on January 8, 1980. A copy of the minutes of that meeting will be forwarded to the Appeal Board when they are prepared. In addition, the Staff has met privately with Westinghouse to discuss detailed information on turbine cracking, which Westinghouse claims to be proprietary. The Staff will report to the Appeal Board the results of its determination whether the Westinghouse material should remain proprietary.

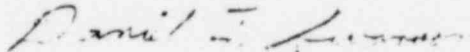
On January 24, 1980, an ACRS subcommittee met to consider the turbine cracking problem. The Staff prepared some non-proprietary slides which were presented at that meeting. A copy of those slides is also attached to this letter.

The entire matter of turbine disk cracking is under active review by the Staff and Westinghouse. The Staff is in the process of developing a position on how operating facilities with Westinghouse turbines should be treated. The Staff will report to the Appeal Board when it has significant new information regarding

8002140194

this ongoing review which pertains to the issue of turbine cracking at North Anna Units 1 and 2. As of this time, the Staff position remains as stated in the referenced December 12, 1979 memorandum, that the Staff cannot preclude the possibility that some technical information submitted in response to the Staff's investigation could change the Staff's conclusions regarding the risk of turbine missiles at the North Anna Units 1 and 2 facility which are contained in "NRC Staff Testimony Regarding Turbine Missiles" by K. Campe, et al., dated April 27, 1979. Any changes in these conclusions of course could affect the Staff's conclusions and findings regarding turbine missile risks contained in "NRC Staff Memorandum of Proposed Findings Regarding Service Water Pumphouse Settlement and Turbine Missile Risk," dated August 6, 1979.

Sincerely,



Daniel T. Swanson
Counsel for NRC Staff

Enclosures: As stated

cc w/encls: Service List