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FILE NO. V-8-50-20-29-23

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July 31, 1981

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

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



Virginia Electric and Power Company  
(North Anna Power Station, Units 1 and 2)  
Docket Nos. 50-338 OL and 50-339 OL  
Turbine Missiles

Dear Judges:

In my letter to you of June 19, I mentioned that Westinghouse would be able to recalculate the recommended inspection intervals for the North Anna turbines by the end of July. Westinghouse has now provided those calculations for North Anna 1:

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LP#1 (Original North Anna LP1)			
<u>Disk</u>	<u>End</u>		<u>Time in Months</u>
1	GVN		34.9
1	GNN		42.4
2	GVN		43.3
2	GNN		45.1
LP#2 (TMI Replacement Rotor)			
<u>Disk</u>	<u>End</u>		<u>Time in Months</u>
1	GVN		47.1
1	GNN		34.3
2	GVN		58.1
2	GNN		48.2

These numbers replace the ones I provided you in my letter of April 21, 1981. The critical disk is still disk no. 1 generator end, of the replacement rotor from Three Mile Island, which now has a recommended inspection in 34.3 months. That number of months of operation from start-up date of North Anna 1, assuming 1984. from now on, would require an inspection in 1984.

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As for Unit 2, Vepco has not yet received all of the recommended inspection intervals, but Westinghouse has advised by phone that the critical disk for Unit 2 has a recommended interval of 32.7 months. North Anna 2 is not operating at present, but assuming it starts back up on August 6 and operates continuously thereafter, 32.7 months of operation from its original start-up will be achieved about August 1983. The Unit 2 operating license requires a turbine inspection at the second refueling, which is currently scheduled for May 1983.

In my June 19 letter I promised to provide you the computer print-outs with the material properties, bore stresses, and operating temperatures for the Unit 2 turbines. (I already sent you the corresponding Unit 1 data by letter of February 12, 1981.) I find, however, that some of the data that appear on the Unit 2 print-outs may be out-of-date, and so I think it will be better if I provide you with the necessary Unit 2 data as part of my final information package. (The Unit 1 print-outs that I provided February 12 were updated ones, and they are still correct.)

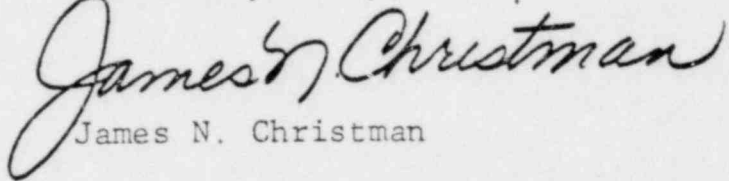
Over the next few weeks I will try to compile all the documents that compose Vepco's evidence on turbine missiles, tie them together with some sort of summary explanation, and tie up some loose ends in the case that I believe are still lying about. I hope to have all this completed and ready to

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submit to you by the end of September, though my schedule will depend somewhat on Westinghouse's other commitments. If it looks as though there will be any delay beyond September 30 I will let you know as soon as I can foresee it. If any of this is unacceptable, please let me know.

Yours very truly,

  
James N. Christman

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cc: Daniel T. Swanson, Esq.  
Anthony J. Gambardella, Esq.  
Chief, Docketing and Service Section ✓