

OCT 18 1984

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Docket No. 50-339

Mr. W. L. Stewart  
Vice President - Nuclear Operations  
Virginia Electric and Power Company  
Post Office Box 26666  
Richmond, Virginia 23261

Dear Mr. Stewart:

SUBJECT: SHORT DURATION TYPE A LEAK RATE TEST, NORTH ANNA POWER  
STATION, UNIT NC. 2 (NA-2)

By letter dated October 5, 1984 (Serial No. 470), you stated it was your intent to conduct a shorter duration Type A test during the current NA-2 refueling outage.

As a basis for conducting a shorter duration Type A test at NA-2, you state that the test acceptance criteria will be based on the criteria specified in the Bechtel Topical Report, BN-TOP-1 Revision 1, November 1972. You further stated that if a full 24-hour duration test should be performed, only the Mass Point Analysis Method would apply. Finally, you stated that the VEPCO Integrated Leak Rate Test Computer Program contains the required BN-TOP-1 test methodology (Total Time Analysis) as well as the Mass Point Analysis methodology.

The conduct of a shorter duration Type A test in accordance with BN TOP-1 has previously been approved by the NRC for Type A Integrated Leak Rate Testing. Therefore, following BN-TOP-1 with the intent of conducting a shorter duration Type A test at NA-2 is also acceptable.

Our acceptance of your proposal is based on the understanding that BN-TOP-1 will be applied in its entirety to judge the success of a shorter duration test and with the test result also being reported using the mass point analyses methodology.

Sincerely,

Original signed by:

James R. Miller, Chief  
Operating Reactors Branch #3  
Division of Licensing

cc: See next page

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