

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

July 5, 1979

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
Attn: Mr. D. B. Vassallo, Assistant Director
for Light Water Reactors
Division of Project Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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Docket No. 50-338
License No. NPF-4

Dear Mr. Denton

This is in response to your letter of May 2, 1979 in reference to station electrical distribution system voltages on North Anna Unit 1.

As explained in previous correspondence, several modifications to the electrical distribution system are either in progress or planned at North Anna. Modifications to extend the capabilities of the offsite power sources are currently in progress on Unit 2. New protective relays for degraded voltage protection are to be installed on Unit 1 during the first refueling outage which is scheduled to begin on or about September 15, 1979.

Analyses are currently in progress to verify the capability and capacity of the electric power system to start and operate the required safety loads within their rated voltages. These analyses are based on the electrical system design as it will be following the above listed modifications. Results of these analyses will be forwarded on or about July 31, 1979.

We intend to perform tests to demonstrate the validity of analyses results. Since these tests will be based in part on the results of the analyses, specific test procedures have not been finalized at this time. A description of the test program will be forwarded on or about August 15, 1979.

Very truly yours,

C. M. Stallings

C. M. Stallings
Vice President-Power Supply
and Production Operations

cc: Mr. James P. O'Reilly

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