VIRGINIA ELECTRIC AND POWER COMPANY

RICHMOND, VIRGINIA 23261

August 25, 1980

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
Attn: Mr. B. Joe Youngblood, Chief
Licensing Branch No. 1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Serial No. 734
NO/FHT:ms
Docket No. 50-339
License No. NPF-7

Dear Mr. Denton:

NORTH ANNA 2 POWER ESCALATION AND TESTING SCHEDULE

In response to a request from Mr. Alex Dromerick of your staff, we are providing the attached schedule for our North Anna Unit 2. This schedule constitutes our current realistic estimate of major testing that is planned for the time period until Commercial Operation. However, unforeseen equipment problems could delay Commercial Operation beyond the anticipated date of November 15, 1980.

We have endeavored to include in this schedule all major tests and modifications that are presently foreseen. We intend to utilize, to the extent possible, planned unit trips and outages during this time period to perform tests that require a plant shutdown in order to eliminate unnecessary shutdowns and transients.

It is recognized that with a concerted effort this schedule could be compressed to hasten the declaration of Commercial Operation. However, it is our desire to escalate power at a careful and deliberate pace consistent with the TMI Action Plan, NUREG-0660, Section IV.F, and to insure that expeditious completion of the power ascension test program does not compromise Vepco's commitment to the safe and beneficial utilization of nuclear power.

Very truly yours,

B. R. Sylvia
Manager - Nuclear
Operations and Maintenance

Attachment

cc: Mr. James P. O'Reilly

NORTH ANNA UNIT 2 POWER ASCENSION TEST PROGRAM
SUMMARY OF MAJOR ITEMS

DATE	EXPECTED STATUS
8/25/80	On line at reactor power up to 30%
8/26/80	Begin 30% Testing: 1. NIS, RTD Cabibrations 2. Flux Mapping 3. Auto Reactor Control and S/G Level 4. Load Swing Tests
9/5/80	On line at reactor power of 50% Begin 50% Testing: 1. NIS, RTD Calibrations 2. Flux Mapping 3. Load Swing Tests 4. Auto Reactor Control and S/G Level 5. Rod Manipulation Physics Tests 6. Trip from 50% 7. Maintain hot shutdown from outside Control Room 8. Secondary Flow Stability (waterhammer) test 9. Maintenance as required
9/20/80	Return to critical
9/25/80	On line at reactor power of 75% Begin 75% Testing: 1. NIS, RTD Calibrations 2. Incore/Excore Detector Calibration and Flux Mapping 3. Load Swing and Large Load Runback Tests 4. Thermal Power Measurements 5. Setpoint adjustments
10/3/80	On line at reactor power of 90% Begin 90% Testing: 1. NIS, RTD Calibrations 2. Moisture Carryover Measurements 3. In-plant Measurement of Transformer Tap Settings 4. Visual Inspection of 37 Feedwater System Hydraulic Snubbers to insure operability

10/15/80 — On line at reactor power of 100%
Begin 100% Testing:

1. NIS, RTD Calibrations
2. Moisture Carryover Tests
3. Thermal Power Measurements
4. Load Swings and Large Load Runback
5. NSSS Acceptance Test
6. RCS Flow Measurements

11/1/80 — Trip from 100% reactor power

1. Boron Mixing and Cooldown Test
2. Backup Depressurization Capability Test
3. Fire Protection Modifications
   a. In-containment Smoke Detectors
   b. Charging Pump Cross-connect Stub-in
   c. RCP Motor Oil Collection System
4. TMI Modifications
   a. Containment High Range Radiation Detectors
   b. Foundation work for Control Room Post-Accident Monitoring Panels
5. Tech Spec Snubber Inspection

11/12/80 — Return to reactor power up to 100%

11/15/80 — Commercial Operation