

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

W. L. STEWART  
VICE PRESIDENT  
NUCLEAR OPERATIONS

December 27, 1982

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
Attn: Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Serial No: 227D  
NO/DWL:smv  
Docket Nos: 50-280  
50-281  
License Nos: DPR-32  
DPR-37

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY  
SURRY POWER STATION  
SUPPLEMENTAL RESPONSE TO GENERIC LETTER 82-05

In our previous supplemental response to Generic Letter 82-05 dated August 23, 1982 (Serial No. 227C), Veeco provided a date for an operational Post-Accident Sampling System (PASS) of January 1, 1983. The PASS is addressed in NUREG-0737, Item II.B.3. At this time, it has become evident that this date cannot be met. Although the PASS is scheduled to be completely installed by January 1, 1983, it will not be operational. It is therefore necessary to extend the completion date. Our new target completion date is June 1, 1983. The basis for this extension is provided below. It should be noted that all aspects of the interim post-accident sampling system and procedures will remain in effect until the PASS is fully operational.

The major problem, associated with past schedule difficulties has been the failure of components critical to the operation of the system. The primary component associated with this problem has been a drain tank on the PASS. The drain tank is a negative pressure tank used to assist containment air sampling and to draw liquid samples out of the chemical analysis panels. Problems have been caused by failures in the drain tank vacuum pump and pressure transmitter which regulates the tank pressure. The vacuum pump has been recently repaired; however, spare parts were not readily available. The pressure transmitter cannot be repaired and must be replaced. It is estimated that it will require 4-5 weeks to procure a replacement pressure transmitter and associated fittings.

Once the pressure transmitter has been replaced and calibrated and the vacuum pump and drain tank verified operable, it should be possible to draw samples into the PASS panel for analysis. However, drawing these samples will only mark the initial phase of the final startup testing and check-out phase of the PASS. Calibration of equipment and final system adjustments must be performed during this testing. Our determination of a target completion date has allowed approximately 4 months for this activity. It should be noted that the startup testing is not a trivial item. Our own, as well as industry, experience with the PASS has shown that many significant problems can be encountered during this testing phase. Since several aspects of the startup testing activity are beyond our direct control (i.e. vendor support, replacement part availability, etc.), additional schedule extensions may be required.

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VIRGINIA ELECTRIC AND POWER COMPANY TO Harold R. Denton


It is our intention, however, to direct all necessary manpower and expertise to the startup of the PASS in order to meet the target completion date of June 1, 1983.

Preliminary procedures for the PASS will be written prior to the June completion date. It is anticipated that necessary procedure changes will be identified during the startup testing program. Procedures should therefore be completed and approved by July 1, 1983, at which time, the PASS could be turned over to station operations.

The target date given in this letter is believed to be reasonable. Vepco will attempt to expedite procurement of any replacement components as the situation warrants. If this can be done, an operational PASS should be available sooner than June 1, 1983.

Vepco will keep the NRC Staff informed of any further significant delays on the PASS implementation effort. We will provide a status report on our efforts in March, 1983. We would be glad to discuss our efforts in more detail if you require additional information.

Very truly yours,

  
W. L. Stewart

cc: Mr. James P. O'Reilly  
Regional Administrator  
Region II  
U.S. Nuclear Regulatory Commission  
Atlanta, GA 30303

Mr. Steven A. Varga, Chief  
Operating Reactors Branch No. 1  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

COMMONWEALTH OF VIRGINIA )  
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CITY OF RICHMOND )

The foregoing document was acknowledged before me, in and for the City and Commonwealth aforesaid, today by W. L. Stewart, who is Vice President-Nuclear Operations, of the Virginia Electric and Power Company. He is duly authorized to execute and file the foregoing document in behalf of that Company, and the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 27<sup>th</sup> day of December, 19 82.

My Commission expires: 2-26, 19 85.

Ann C. McPhee  
Notary Public

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