

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

December 13, 1979

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
Attn: Mr. A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Serial No. 891/102379
PO/FHT:baw
Docket Nos: 50-280
50-281
License Nos: DPR-32
DPR-37

Dear Mr. Denton:

Subject: Surry Power Station Units 1 and 2
Containment Purging and Venting During Normal Operations

In response to your letter of October 23, 1979, on the above subject, Virginia Electric and Power Company provides the following commitment to comply with your "Interim Position for Containment Purge and Vent Valve Operation Pending Resolution of Isolation Valve Operability".

1. As previously reported, current Technical Specifications require that containment vacuum be maintained for plant conditions where reactor coolant temperature exceeds 350°F. Page 3.8-2 of the Surry Technical Specifications states that "The Reactor Coolant System temperature and pressure being below 350°F and 450 psig, respectively, ensures that no significant amount of flashing steam will be formed and hence that there would be no significant pressure buildup in the containment if there is a loss of coolant accident". An analysis has been initiated to determine the actual pressure attained inside containment in the event of a DBA-LOCA at 350°F and 450 psig. The purge valves will then be demonstrated operable under the calculated accident flow condition loading.
2. In the interim, until the analysis can be completed, administrative controls will be established to prohibit use of the purge valves above 200°F except for the short term operation of the valves necessary to break the vacuum in the containment or establish vacuum during startup.

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3. The above commitment to prohibit purging above 200°F will ensure that containment integrity is maintained in the event of a DBA-LOCA for all plant conditions, and is in compliance with your Interim Position.

Very truly yours,

C. M. Stallings

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

cc: Mr. James P. O'Reilly
Region II

COMMONWEALTH OF VIRGINIA)
) S. S.
CITY OF RICHMOND)

Before me, a Notary Public, in and for the City and Commonwealth aforesaid, today personally appeared C. M. Stallings, who being duly sworn, made oath and said (1) that he is Vice President-Power Supply and Production Operations, of the Virginia Electric and Power Company, (2) that he is duly authorized to execute and file the foregoing commitment in behalf of that Company, and (3) that the statements in the commitment are true to the best of his knowledge and belief.

Given under my hand and notarial seal this 13th day of December, 1979.

My Commission expires January 20, 1981.

Robert M. Nail
Notary Public

(SEAL)