



VIRGINIA ELECTRIC AND POWER COMPANY, RICHMOND, VIRGINIA 23261

October 4, 1979

Mr. James P. O'Reilly, Director
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Serial No. 724A
PSE&C/WBR:mac:wang

Docket Nos. 50-404
50-405

Dear Mr. O'Reilly:

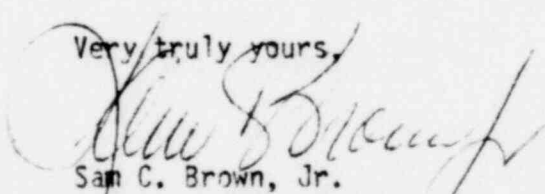
On September 4, 1979, a report was made under the provisions of 10CFR50.55(e) concerning the overpressurization of the containment from a Main Steam Line Break (MSLB) inside the containment.

The original PSAR containment pressure analyses did not consider the long term blowdown effects from a MSLB. Preliminary calculations taking the long term blowdown into account, show that the containment design pressure will be exceeded in approximately 9 minutes due to the unabated auxiliary feedwater (AFW) flow feeding a MSLB inside the containment. The long term addition of AFW results in the equivalent of a 17% sustained return to power which provides the energy necessary to support the "boil off" of the AFW.

At this time, Vepco is still evaluating modifications to limit AFW flow to the affected steam generator in the event of a MSLB. We will inform the Commission of any modifications that we plan to implement in order to eliminate this containment overpressurization problem.

This report is forwarded as required by 10CFR50.55(e) and is an interim report on this subject.

Very truly yours,


Sam C. Brown, Jr.

Senior Vice President - Power Station
Engineering and Construction

cc: Mr. Victor Stello, Director
Office of Inspection & Enforcement

✓ Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation

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