VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

December 31, 1976

Mr. Benard C. Rusche
Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

ATTN: Mr. Robert W. Reid, Chief
Operating Reactors Branch 4

Serial No. 395
PO&M/ALH:dgt

Docket Nos. 50-280
50-281

License Nos. DPR-32
DPR-37

Dear Mr. Rusche:

In accordance with Technical Specification 4.14.C.1 for Surry Power Station, this report describes an occurrence during which the cooling water temperature at the discharge control structure exceeded an average rate of 3 degrees F per hour.

On December 19, 1976 from approximately 2100 to 2200 hours the rate of change of water temperature at the discharge control structure was 6 degrees F per hour. From 0400 to 0500 on December 20, 1976 the rate of change of the water temperature at the discharge control structure was 4 degrees F per hour.

The station status at the time of the event was Unit No. 1 at shutdown for refueling outage and Unit No. 2 was maneuvering for power escalation. The immediate corrective action was to stop the load increase. The event was caused by having three of Unit No. 1 condenser water boxes open for maintenance and thus not having ideal cooling water flow conditions to accomodate the power escalation rate.

Very truly yours,

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

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