

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

February 27, 1979

Mr. Victor Stello, Jr., Director
Division of Operating Reactors
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Serial No. 115
PO/FHT:scj
Docket Nos.: 50-280
50-281
License Nos.: DPR-32
DPR-37

Dear Mr. Stello:

COOLING WATER DISCHARGE
TEMPERATURE CHANGE RATE

This letter report is furnished in accordance with the provisions of Surry Power Station Technical Specification 4.14.C.1.

Due to heavy ice accumulation at the condenser cooling water intake structure, a reduced flow of condenser cooling water was experienced during the period 0230 to 0330 on February 18, 1979. As a result, the condenser cooling water outlet temperature increased 4.5°F as measured at the station discharge structure during this period. This rate of temperature change is in excess of 3°F/hr. as permitted by Technical Specification 4.14.A.3. Unit No. 1 was at 100% power and Unit No. 2 was at refueling shutdown during the time of the occurrence.

There is an ongoing ice prevention program which, upon completion, should preclude this from being a problem in the future.

A survey was conducted to determine if the temperature change had affected the river environment and no evidence of detrimental effects was found.

Very truly yours,

C. M. Stallings

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

cc: Mr. James P. O'Reilly

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