

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

February 8, 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. 079  
PO/DLB:das  
Docket Nos: 50-280  
50-281  
License Nos: DPR-32  
DPR-37

Dear Mr. Stello:

COOLING WATER DISCHARGE  
TEMPERATURE CHANGE RATE

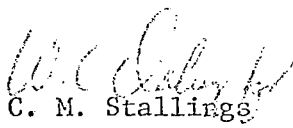
This letter report is furnished in accordance with the provisions of Surry Power Station Technical Specification 4.14.C.1.

During the period from 0645 to 0745 on January 25, 1979, the condenser cooling water outlet temperature decreased 3.5°F as measured at the station discharge structure. This rate of temperature change is in excess of 3°F/hr as permitted by Technical Specification 4.14.A.3. Both units were at 100% power during the time of the occurrence.

The drop in discharge coolant temperature was caused by an equal drop in river water inlet temperature. Therefore, no corrective action was attempted.

A search was conducted to determine if the temperature change had affected the river environment. No evidence of detrimental effects were found.

Very truly yours,

  
C. M. Stallings

Vice President-Power Supply  
and Production Operations

cc: Mr. James P. O'Reilly

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