

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

February 15, 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. 094
PO/DLB:scj
Docket Nos: 50-280
50-281
License Nos: DPR-32
DPR-37

Dear Mr. Stello:

COOLING WATER
TEMPERATURE DIFFERENTIAL

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

During the period 0845 to 0905 hours on February 2, 1979, the difference between the river water ambient temperature measured at the station high level intake and the cooling water at the discharge control structure exceeded the 15°F permitted in Technical Specification 4.14.A.2 by 0.5°F. This event was caused by a river temperature change due to weather conditions and is not related to unit power operations.

No corrective actions to prevent recurrence are required.

A search was made for evidence that the temperature differential rate experienced had affected the river or its inhabitants. No evidence of any detrimental effects were found.

Very truly yours,

G. M. Stallings

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

cc: Mr. James P. O'Reilly

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