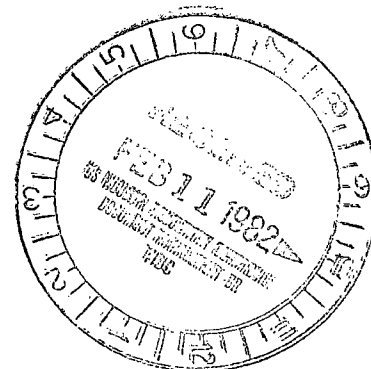


VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261



R. H. LEASBURG
VICE PRESIDENT
NUCLEAR OPERATIONS

February 5, 1982

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
Attn: Mr. Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Serial No. 054
NO/RMT:acm
Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Gentlemen:

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

During the period of 1324 to 1500 January 22, 1982, the average rate of change of the condenser cooling water outlet temperature was approximately 12°F/hr. which exceeds the 3°F/hr. rate of change permitted by Technical Specification 4.14.A.3. The event was accompanied by a Station Delta T of 24°F which exceeded the 23°F maximum allowed by Technical Specification 4.14.B.2. At the time of this event, Unit one was at 100% power and Unit two was at 90% power.

The failure of a vacuum priming pump at the river intake substantially reduced the circulating water flow into the intake canal. Throttling of the flow through the condenser water boxes to preserve canal water level resulted in the temperature limits being exceeded. The vacuum priming system has been repaired and returned to service.

A search was conducted to determine if the canal temperature excursion had adversely affected the river environment. No detrimental evidence was found.

Very truly yours,

R. H. Leasburg

cc: Mr. James P. O'Reilly
Regional Administrator, Region II

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