

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

September 15, 1975



Mr. K. R. Goller, Assistant Director
for Operating Reactors
Division of Reactor Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Serial No. 690
PO&M/JTB:clw

Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Dear Mr. Goller:

This is to notify you in accordance with the Surry Power Station Technical Specifications of two incidents where the thermal limitations on the condenser cooling water discharge were exceeded.

On August 2 and 3, 1975 with both units operating at full power, the condenser cooling water discharge temperature exceeded 98 degrees F for more than the three hour limit stated in Technical Specification 4.14.A.1. On August 2, 1975 the condenser cooling water discharge temperature exceeded 98 degrees F for five hours and 30 minutes and reached a maximum temperature of 100 degrees F. The initial action taken was to ramp-down on Unit No. 1 at the maximum permissible rate prior to reaching the three hour technical specification limit. On August 3, 1975 the condenser cooling water discharge temperature exceeded 98 degrees F for five hours and reached a maximum temperature of 99.5 degrees F. The initial action taken during this incident was to reduce the load on both units at the maximum permissible rate before reaching the three hour limit. In both instances there was no evidence of any environmental impact.

Analysis of the incidents have shown them to be the result of the river water temperature rising into the high 80's due to the abnormally higher than normal daily air temperature during that period. Also, one low level intake circulating water pump was out of service which may have amplified the situation relative to the average condenser cooling water discharge temperatures.

On August 4, 1975 Vepco requested and was granted an emergency relaxation of TS 4.14.A.1, effective until August 6, 1975. (Letter dated August 5, 1975 Vepco to NRC, Serial No. 634 and two letters dated August 5 and 6, 1975 NRC to Vepco). On August 7, 1975 a meeting between Vepco and the NRC was held to discuss a further waiver of TS 4.14.A.1. On August 8, 1975 as a result of

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this meeting, Vepco requested and was granted that TS 4.14.A.1 be waived on an interim basis until September 20, 1975 (letter dated August 8, 1975 Vepco to NRC, Serial No. 640, and letter dated August 15, 1975, NRC to Vepco). We shall submit a proposed change to TS 4.14.A.1 in the near future.

Very truly yours,

C. M. Stallings

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

cc: Mr. Norman C. Moseley