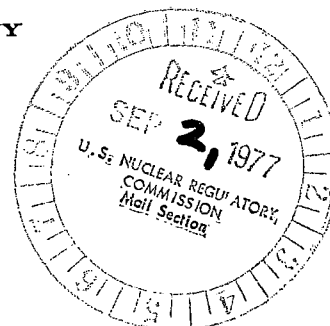


VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

August 31, 1977



Mr. Edson G. Case, Acting Director
Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Serial No. 383
PO&M/ALH:das
Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Attention: Mr. Robert W. Reid, Chief
Operating Reactors Branch 4

Dear Mr. Case:

We have completed additional analyses to determine a method of increasing our existing service water temperature limit at Surry. We have found that a RWST level of 380,000 gallons will permit a maximum service water temperature of 87°F. The Surry Unit No. 1 RWST is currently at a level corresponding to 380,000 gallons and we are in the process of raising the Unit No. 2 RWST level so that it will contain 380,000 gallons by September 1, 1977. The LOCTIC analysis shows satisfactory containment depressurization and adequate NPSH for the RS and LHSI pumps with a service water temperature of 87°F and a RWST level of 380,000 gallons with all other parameters remaining as listed in table 1 of our August 24, 1977 letter.

Very truly yours,

C. M. Stallings

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

cc: Mr. James P. O'Reilly

772450063

Regulatory

File Copy

AUG 30 1977 C.M.S.

NOTES OF TELEPHONE CONVERSATION INFORMAL MEETING

DATE Aug 30TIME 11:45OUTGOING
TELEPHONE

J.O. _____

BETWEEN J. H. MOBLE OF S & WJoe Stallings of VERCO

OF _____

OF _____

SUBJECT

Survey Service Worker

SUMMARY

I S.D. that we had reviewed the containment transient with a Service worker temp of 77°F and 380,000 gal in the RWS - Both depressurization and NPSH are OK. We will review 88°F. The additional RWS delay LMSI switch over and increases NPSH over the values discussed with the NRC on Aug 29.

COPY TO ALL
PERSONS INVOLVED
IN CONVERSATION
PLUS:

J. StanderJ.A. MacNeillT.C. O'Connor

ACTION _____