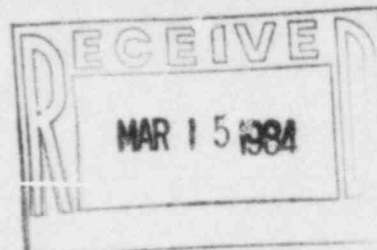




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March 9, 1984

W3K84-0506
Q-3-A35.07

Mr. John T. Collins
Regional Administrator, Region IV
U. S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76012

REFERENCE: Telecon C. Hooper (LP&L) and W. Crossman (NRC IV) dated
February 10, 1984

Dear Mr. Collins:

SUBJECT: Waterford SES Unit No. 3
Docket No. 50-382
Potentially Reportable Deficiency No. 150
"Plant Depressurization During Shutdown, Potential For"
Final Report

On February 10, 1984 a problem with the alarm setpoints for the Low Temperature Overpressure Protection System (LTOP) was reported as Potentially Reportable Deficiency No. 150. Further evaluation of the previously described condition indicates this condition is not considered reportable pursuant to 10CFR50.55(e).

EVALUATION

Relief valves SI-486 and SI-487 protect the Shutdown Cooling System (SDCS) from inadvertent RCS pressurization when the suction line isolation valves are open. Each relief valve is designed with sufficient capacity to mitigate the most limiting transients (inadvertent safety injection actuation or a reactor coolant pump start as described in FSAR Subsection 5.2B).

Once the SDCS is aligned when RCS pressure is below 392 psia, no further administrative or procedural controls are needed to ensure proper overpressure protection. Therefore, if the alarm setpoint was left uncorrected, an inadvertent pressure transient that increases RCS pressure would still be terminated automatically by the SDCS relief valves when pressure reached 430 psia and protect the pump seals. The design pressure of the LPSI pump seals (435 psia) would never be exceeded. In addition, the discharge from safety relief valves SI-486 and SI-487 is directed to the containment leak measuring tank. Flow from this tank is recorded and alarmed in the main control room.

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S PDR

IE-27.10

Mr. John T. Collins

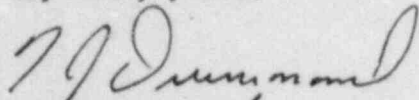
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Since safe operation of the plant would not be jeopardized, this deficiency is considered not reportable pursuant to the requirements of 10CFR50.55(e).

Very truly yours,


T. F. Gerrets *for*
Quality Assurance Manager

TFG:CNH:VBR

cc: Director
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555
(15 copies)

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