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Chas. F. Whitmer  
Vice President  
Engineering



July 23, 1979

Director of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

NRC DOCKET 50-366  
OPERATING LICENSE NPF-5  
EDWIN I. HATCH NUCLEAR PLANT UNIT 2  
PROPOSED CHANGES TO TECHNICAL SPECIFICATIONS: DRYWELL TEMPERATURE

Gentlemen:

Pursuant to 10 CFR 50.90, as required by 10 CFR 50.59 (c) (1), Georgia Power Company hereby proposes an amendment to the Technical Specifications (Appendix A to the Operating License). This amendment would increase the average drywell temperature limit from its present value of 135°F to a value of 145°F. This change is necessitated by the difficulty encountered in maintaining the drywell temperature below the current limit.

The effects of this increase in average drywell temperature have been examined with respect to the increased internal energy, one of the assumed initial condition for Loss of Coolant Accident (LOCA) analysis, and with respect to equipment environmental qualification. The increase in internal energy of the drywell atmosphere associated with the ten degree rise in average temperature has been determined by preliminary analysis to result in a short-term post-LOCA pressure increase of 1 psi or less. This increase is within the allowed margin of the LOCA analyses and presents no safety problem of significance. There is no long-term post-LOCA effect. The environmental qualification of the equipment within the drywell was reviewed in light of the new temperature distribution projected to occur at the revised maximum average temperature. Regional temperature limits have been established based upon equipment environmental qualification. Temperatures will be monitored and maintained to assure a satisfactory long-term environment for components within the drywell.

The Plant Review Board and the Safety Review Board have reviewed and approved the proposed changes to the Technical Specifications and have determined that they do not constitute an unreviewed safety question. The

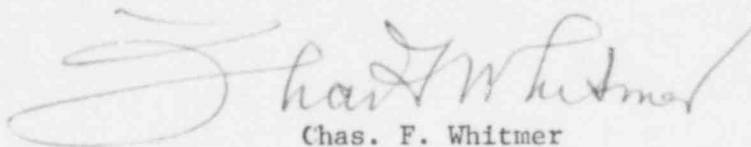
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probability of occurrence or the consequences of an accident or malfunction of a different type than those previously analyzed is not created, and the margins of plant safety are not reduced. We request your early attention to this matter due to the impending loss of generating capacity should the present temperature limit be reached.

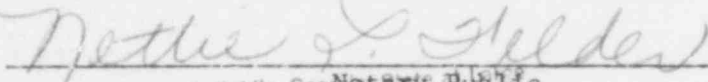
Yours very truly,

  
Chas. F. Whitmer

WEB/mb

Enclosure

Sworn to and subscribed before me this 23rd day of July, 1979.



Notary Public, Georgia  
My Commission Expires Sept. 29, 1981

xc: Mr. Ruble A. Thomas  
George F. Trowbridge, Esquire