



**ENTERGY**

Entergy Operations, Inc.

P.O. Box 150

Port Clinton, MS 39150

Tel 601-437-5408

**W. T. Cottle**

Vice President

Operations

Grand Gulf Nuclear Station

October 29, 1992

U.S. Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, D.C. 20555

Attention: Document Control Desk

Subject: Grand Gulf Nuclear Station  
Unit 1  
Docket No. 50-416  
License No. NPF-29  
Station Blackout Commitment Status

GNKO-92/00134

Gentlemen:

In a letter dated February 6, 1992 the NRC transmitted the safety evaluation (SE) of Grand Gulf's initial response to the Station Blackout (SBO) Rule, 10CFR50.63, including several recommendations. The NRC subsequently issued a supplemental safety evaluation (SSE) in a letter dated June 5, 1992, concluding that SBO compliance was acceptable based on confirmations and commitments supplied in response to the initial safety evaluation. Additionally, the Staff requested written confirmation of the implementation of the commitments made regarding SBO.

In the response to the SE we committed, in part, to 1) perform the control room and control cabinet area heat-up analysis by September 30, 1992, and 2) perform a new drywell heat-up calculation considering the heat loads due to a postulated recirculation pump seal leak of 36 gpm. This letter confirms the implementation of these two commitments.

A Station Blackout Calculation for drywell temperature analysis has been performed and is documented in Entergy Operations Calculation NEAD-SR-92/045 and NPE Engineering Report No. GGNS-92-0046, Rev. 0. The SBO drywell temperature analysis shows that the peak drywell temperature remains less than the design temperature of 330°F.

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A control room and control cabinet area calculation has been performed and is documented in Calculation MC-Q1210-92053, Rev. 0. The calculation shows that the control room and the control cabinet area peak temperatures remain less than 120°F.

These analyses are available on-site for review.

If you need additional information please contact W. B. Brice at (601) 437-6556.

Yours truly,

*W. B. Brice*

WTC/WBB/mtc

cc:

Mr. R. H. Bernhard  
Mr. D. C. Hintz  
Mr. R. B. McGehee  
Mr. N. S. Reynolds  
Mr. H. L. Thomas

Mr. Stewart D.rometer  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., N.W., Suite 2900  
Atlanta, Georgia 30323

Mr. P. W. O'Connor, Project Manager (w/2)  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Mail Stop 13H3  
Washington, D.C. 20555