



Entergy Operations, Inc.  
Waterloo Road  
P.O. Box 756  
Port Gibson, MS 39150  
Tel 601 437 6470

**Jerry C. Roberts**  
Director  
Nuclear Safety Assurance

December 18, 2000

U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Document Control Desk

Subject: Grand Gulf Nuclear Station  
Docket No. 50-416  
License No. NPF-29  
Notification of Intent to Discontinue Use of ECCS Line Break  
Instrumentation in BWRVIP Program

GNRO-2000/00096

Ladies & Gentlemen:

As requested by GNRI-97/00125 and delineated in GGNS Program Plan No. GGNS-M-489.7, we are providing you at least a 45 day notification that GGNS no longer intends to use ECCS line break instrumentation as part of the BWRVIP program. GGNS plans to remove the ECCS line break instrumentation as allowed by the 10CFR50.59 process. ECCS line break monitoring instrumentation is discussed in the BWRVIP-06 Report, Sections 1.3 and 2.4, and associated NRC SER (GNRI-98/00153).

The line break instrumentation does not provide any advance indication of an ECCS break, does not initiate any plant equipment, and is not required by Regulatory Guide 1.97. Failures of this pipe are not considered credible based on the evaluation of piping done by GE and the reactor vessel inspection program described in M-489.7. The ECCS operation would not be impacted by the deletion of the line break instrumentation.

The ECCS line break instrumentation at GGNS has historically caused nuisance Control Room alarms. The nuisance alarms are caused when there are fluctuations in the "normal" differential pressure sensed by the ECCS line break transmitters. A change in the "normal" differential pressure creates a need to determine a new "normal" ECCS header differential pressure. Establishing this differential pressure requires an engineering evaluation, procedure changes, and setpoint changes for each occurrence. System Engineering requested deletion of the ECCS line break instrumentation due to the labor intensive nature of these nuisance alarms.

This letter contains no commitments.

Yours truly,

JCR/GWI

A 001

December 18, 2000  
GNRO-2000/00096  
Page 2 of 2

cc: Mr. T. L Hoeg, GGNS Senior Resident  
Mr. D. E. Levanway (Wise Carter)  
Mr. L. J. Smith (Wise Carter)  
Mr. N. S. Reynolds  
Mr. H. L. Thomas

Mr. E. W. Merschoff  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive,  
Suite 400 Arlington, TX 76011

Mr. S. P. Sekerak, NRR/DLPM/PD IV-1  
**ATTN: ADDRESSEE ONLY**  
U.S. Nuclear Regulatory Commission  
One White Flint North, Mail Stop O7-D1  
11555 Rockville Pike  
Rockville, MD 20852-2378

Mr. R. Carter  
Asst. BWRVIP Program Manager  
EPRI NDE Center  
P. O. Box 217097  
1300 W. T. Harris Blvd.  
Charlotte, NC 28221

Document Control Desk  
Attn: Mr. C. E. Carpenter  
11555 Rockville Pike  
Rockville, MD 27852