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February 27, 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
Special Report 92-001

GNRO-92/00022

Gentlemen:

On January 28, 1992 at approximately 0425 hours, plant operators started Division 1 diesel generator (DG 11) for performance of the monthly functional surveillance in accordance with Technical Specification 4.8.1.1.2. DG 11 started successfully and ran unloaded for 45 minutes. At approximately 0510 hours, DG 11 output breaker 52-1508 would not close. This malfunction prevented DG 11 from being synchronized and loaded to the grid. DG 11 was manually shut down and secured for maintenance.

Servicing for this invalid failure resulted in replacement of the power converter assembly for the diesel's tachometer system. Evaluation of the component failure has not determined the cause and will be investigated further.

The tachometer failure would not have prevented DG 11 from providing electrical power during a design emergency condition. This condition only affected the paralleling capability of the diesel generator and would not have prevented the DG 11 from tying on to the bus in accident conditions. DG 11 operability was restored on January 28, 1992 at approximately 1717 hours.

This report is being submitted pursuant to requirements contained in GGNS Technical Specification 4.8.1.1.3.

Yours truly,

WTC

WTC/BAB/cg

cc: (See following page)

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