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April 13, 1994

**C. R. Hutchinson**  
Vice President  
Operations  
Grand Gulf Nuclear Station

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 94-003  
Meteorological Monitoring Instrumentation Channels  
Inoperable for More Than 7 Days

GNRO-94/00058

Gentlemen:

On March 27, 1994, during a lightning storm in the vicinity of the site, an apparent lightning strike occurred on the Meteorological Monitoring Tower at 1410 hours.

Information for wind speed and wind direction at the 162' elevation was unavailable for more than 7 days. In accordance with Technical Specification 3.3.7.3, this special report is being submitted.

Initially the backup meteorological tower was not functioning, however, it was recovered by March 28, 1994 and provided the monitoring information for the 33' elevation.

Damaged instrument sensors for the primary tower required extensive repair and troubleshooting. As of April 12, 1994 at 1222 hours, all available sensors have been replaced and the required instrumentation on the primary tower has been retested and is operable.

Yours truly,

CRH/TMC  
cc: (See Next Page)

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S PDR

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