



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

August 14, 1984

NUCLEAR LICENSING & SAFETY DEPARTMENT

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

Attention: Mr. Harold R. Denton, Director

Dear Mr. Denton:

SUBJECT: Grand Gulf Nuclear Station
Unit 1
Docket 50-416
License No. NPF-13
File: 0260/15320
Compensating Actions for
NUREG-0654, Appendix 2,
Requirements
AECM-84/0354

Mississippi Power & Light (MP&L), in AECM-81/0327 (copy attached) outlined on April 10, 1981 several compensating actions which would be provided until the backup meteorological tower at Grand Gulf Nuclear Station (GGNS) was operational. Since that time many changes have taken place in GGNS Technical Specifications and procedures which deal with the meteorological system. For this reason, we wish to supersede some of those commitments outlined in AECM-81/0327 with the more recent commitments in the GGNS Technical Specifications and Emergency Procedures. The specific commitments and the proposed replacements are listed below:

AECM-81/0327 Commitment

MP&L personnel will check communications with the National Weather Service on a monthly basis to ensure that routine meteorological observations and forecasts are available.

Requested Change

MP&L personnel routinely communicate with the National Weather Service concerning weather forecasts. Requiring contact to be made with them on a monthly basis serves no purpose other than to check the phone lines which is not an activity related to meteorological monitoring. Therefore, this requirement should be deleted and replaced with the commitment existing in GGNS Emergency Procedures that the National Weather Service will be contacted during emergencies for consultation concerning weather forecasts.

AECM-81/0327 Commitment

Quarterly calibration of meteorological sensors.

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Member Middle South Utilities System

Requested Change

The GGNS meteorological system has duplicate sensors at all levels. GGNS Technical Specification 3.3.7.3 and Safety Guide 23 require calibration of these sensors to be performed on a semiannual basis. The requirement for quarterly calibrations identified in AECM-81/0327 is unnecessary and should be eliminated and replaced with a requirement for semiannual calibrations.

If you have any questions concerning these changes, please contact Mr. G. O. Smith, Supervisor, Environmental Services, at (601) 969-2672.

Sincerely,



L. F. Dale
Director

GOS/LRM:ay

Attachment

cc: Mr. J. B. Richard (w/a)
Mr. R. B. McGehee (w/a)
Mr. N. S. Reynolds (w/a)
Mr. G. B. Taylor (w/a)

Mr. Richard C. DeYoung, Director (w/a)
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. J. P. O'Reilly, Regional Administrator (w/a)
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, N. W.
Suite 2900
Atlanta, Georgia 30323



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

August 28, 1981

NUCLEAR PRODUCTION DEPARTMENT

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

Attention: Mr. Harold R. Denton, Director

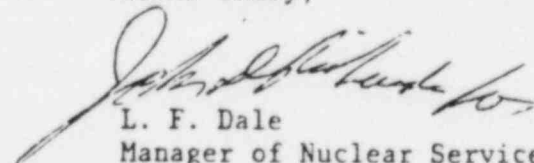
Dear Mr. Denton:

SUBJECT: Grand Gulf Nuclear Station
Units 1 and 2
Docket Nos. 50-416 and 50-417
File 0260/0272/3700
Compensating Actions for
NUREG-0654, Appendix 2,
Annex 1 Requirements
AECM-81/327

On April 10, 1981, by AECM-81/103, a description of the backup meteorological system and Class A Model for Grand Gulf Nuclear Station were submitted to the Commission.

Since then an informal request for additional information has been received, concerning proposed compensating actions to be taken in the event these two systems are not operational prior to the issuance of an Operating License. In response to this request, attached is an outline of the compensating actions Mississippi Power & Light Company will take, if necessary, to provide for meteorological monitoring capability as described in NUREG-0654, Appendix 2, Annex 1.

Yours truly,


L. F. Dale
Manager of Nuclear Services

GOS/LRM/JDR:lm
Attachment

cc: (See Next Page)

AE2U1

Member Middle South Utilities System

8/29/81

cc: Mr. N. L. Stampley (w/1)
Mr. G. B. Taylor (w/1)
Mr. R. B. McGehee (w/1)
Mr. T. B. Conner (w/1)

Mr. Victor Stello, Jr., Director (w/1)
Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. J. P. O'Reilly, Director (w/3)
Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 3100
Atlanta, Georgia 30303

Compensating Actions Required by NUREG-0654, Appendix 2,
Annex 1 for GGNS Meteorological Systems

Mississippi Power & Light Company (MP&L) is in the process of developing a Class A Model and a backup meteorological system for Grand Gulf Nuclear Station (GGNS). If these two systems are not operational prior to receipt of an Operating License, then the following compensating actions, as specified in NUREG-0654, Appendix 2, Annex 1, will be taken:

- o MP&L personnel at GGNS will check communications with the Jackson, Mississippi branch of the National Weather Service on a monthly basis to ensure that routine meteorological observations and forecasts are available.
- o GGNS primary meteorological systems consist of duplicate sets of wind speed, wind direction, and ambient temperature sensors at two levels on the primary meteorological tower. These sensors will be calibrated on a quarterly basis. No alternate sources of meteorological data will be necessary during these calibrations, because each sensor will be calibrated individually, thereby enabling the meteorological system to maintain a constant inventory of meteorological information for each parameter monitored at each level.
- o In the unlikely event that one or all meteorological parameters from the primary meteorological tower are lost at both measuring levels, the Jackson, Mississippi, branch of the National Weather Service will be utilized to provide backup meteorological information to GGNS.
- o The primary meteorological system will be inspected on a weekly basis to ensure its proper operation.
- o Any periods of quarterly data unavailability which exceed the goals outlined in Regulatory Guide 1.23 will be reported to the Commission.
- o The Offsite Dose Calculation Manual will contain procedures for calculating the transport and diffusion of gaseous effluents which are consistent with the characteristics outlined in NUREG-0654, Appendix 2.
- o If a radiological emergency at GGNS should develop, direct telephone access to the Radiation Protection Manager (Chemistry & Radiation Control Superintendent) or the Radiation Emergency Manager (Corporate Health Physicist) will be provided. During the early stages of an accident, offsite dose projection is performed by the Chemistry & Radiation Control Superintendent as part of his emergency responsibilities in the Technical Support Center (TSC). If the accident becomes serious enough to require activation of the Near-Site Emergency Operations Facility (EOF), offsite dose projection becomes the primary responsibility of the Corporate Health Physicist. The method of establishing this direct telephone access with the Commission will be outlined in GGNS Emergency Plan Procedures or MP&L Corporate Emergency Plan Procedures at the next available revision.