



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

July 27, 1984

JAMES P. McCAUGHY, JR.
VICE PRESIDENT

U.S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 2900
Atlanta, Georgia 30323

Attention: Mr. J. P. O'Reilly, Regional Administrator

Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station
Units 1 and 2
Docket Nos. 50-416 and 50-417
License No. NPF-13
File: 0260/L-401.0
Response to IE Bulletin No. 84-02
AECM-84/0346

Mississippi Power & Light Co. (MP&L) has reviewed IE Bulletin No. 84-02, which concerns recent failures of General Electric Type HFA Relays in use in Class 1E safety systems. The purpose of the bulletin was to ask licensees and construction permit holders to inform the NRC about their plans, including schedules, for implementing manufacturer's recommendations and to ask licensees to provide information concerning their plans to upgrade surveillance and to justify continued operation in the interim.

IE Bulletin No. 84-02 provided a list of actions for all holders of Operating Licenses or Construction Permits. The following responses are numbered to correspond to the list of actions:

MP&L Response to Item 1(a)

All HFA relays at GGNS Unit 1 had Lexan coil spools. GGNS Unit 1 does not have any HFA relays with nylon coil spools. All normally energized safety-related HFA relays with Lexan coil spools in GGNS Unit 1 have been replaced with Tefzel spools. Retesting of the relays is presently underway. Therefore, a replacement schedule is not necessary.

MP&L Response to Item 1(b)

Development and implementation of surveillance plans for GGNS Unit 1 is not necessary since the spool replacement required by Item 1(a) is physically complete. Retesting of the relays is presently underway.

MP&L Response to Item 1(c)

Justification for continued operation of GGNS Unit 1 is not necessary since the spool replacement required by Item 1(a) is complete.

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Member Middle South Utilities System

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MISSISSIPPI POWER & LIGHT COMPANY

MP&L Response to Item 2(a)

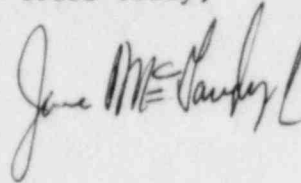
All HFA relays supplied for use in GGNS Unit 2 have Lexan coil spools. No HFA relays with nylon coil spools were supplied for use in Unit 2. All normally energized safety-related HFA relays with Lexan coil spools at GGNS Unit 2 have been identified by our architect engineer (Bechtel Power Corporation) and documented in a Bechtel Nonconformance Report. These relays will be replaced prior to receipt of the GGNS Unit 2 operating license.

In response to the request to review the general concerns as they apply to different types of relays with similar material that are used in safety-related systems, MP&L provides the following: Our investigation of relay failures at GGNS Unit 1 indicates no generic failure of other relays which can be attributed to nylon or Lexan spools.

To date, our best estimate of staff time used to perform the requested action is 1100 man-hours, of which 100 man-hours were used to prepare requested documentation.

This completes our response to IE Bulletin No. 84-02. Should you require any further information regarding these matters, please advise.

Yours truly,



JPM:rg

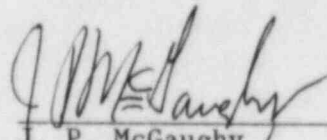
cc: Mr. J. B. Richard
Mr. R. B. McGehee
Mr. N. S. Reynolds
Mr. G. B. Taylor

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

AFFIDAVIT

STATE OF MISSISSIPPI
COUNTY OF HINDS

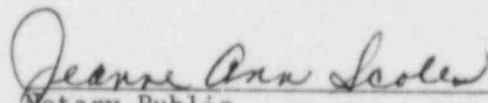
J. P. McGaughy, being duly sworn, states that he is Vice President - Nuclear Support, of Mississippi Power & Light Company; that he is authorized on the part of said Company to sign and file with the Nuclear Regulatory Commission this response to IE Bulletin No. 84-02 on behalf of Company, Middle South Energy, Inc. and South Mississippi Electric Power Association; that he signed the foregoing letter as Vice President - Nuclear Support, of Mississippi Power & Light Company; and that the statements made and the matters set forth therein are true and correct to the best of his knowledge, information and belief.



J. P. McGaughy

SUBSCRIBED AND SWORN TO before me, a Notary Public, in and for the County and State above named, this 27th day of July, 1984.

(SEAL)



Notary Public

My commission expires:

My Commission Expires Sep. 21, 1987