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MAY 1 1985

Mississippi Power and Light Company
ATTN: Mr. J. B. Richard
Senior Vice President, Nuclear
P. O. Box 23054
Jackson, MS 39205

Gentlemen:

SUBJECT: MEETING SUMMARY - GRAND GULF UNIT 1 - DOCKET NO. 50-416

This letter refers to the meeting conducted at your request in the NRC Region II Office on April 25, 1985. This meeting was related to the application of Fire Protection, 10 CFR 50, Appendix R, and the forthcoming Appendix R inspection at Grand Gulf Unit 1. Enclosed is a summary of the meeting topics.

It is our opinion that this meeting was beneficial, and provided for a better understanding of NRC's Appendix R Fire Protection inspection methodology and Mississippi Power and Light's Appendix R analysis and design approach.

Should you have any questions concerning this matter, we will be pleased to discuss them.

Sincerely,

Original Signed by
Roger D. Walker

Roger D. Walker, Director
Division of Reactor Projects

Enclosure:
Meeting Summary

cc w/encl:
J. E. Cross, General Manager
R. T. Lally, Manager of Quality
Middle South Services, Inc.
R. B. McGehee, Esquire
Wise, Carter, Child, Steen and Caraway
N. S. Reynolds, Esquire
Bishop, Liberman, Cook, Purcell
& Reynolds
R. W. Jackson, Project Engineer

bcc w/encl: (See page 2)

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PDR ADOCK 05000416
F PDR

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MAY 1 1985

bcc w/encl:
NRC Resident Inspector
Document Control Desk
State of Mississippi
A. Herdt
T. Conlon
G. Wiseman
L. Mellen
A. Ruff
E. A. MacDougall, Brookhaven National
Laboratory, Upton, Long Island, NY 11973

RII *[Signature]*
WMiller:bhg
4/29/85

RII *[Signature]*
TConlon
4/29/85

RII *[Signature]*
AHerdt
4/30/85

RII *[Signature]*
PBemis
4/30/85

RII *[Signature]*
VBrownlee
4/1/85
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6/1/85

ENCLOSURE

MEETING SUMMARY

Licensee: Mississippi Power and Light Company

Facility: Grand Gulf Unit 1

Docket No.: 50-416

Facility License No.: NPF-29

A meeting was held in the NRC Region II Office on April 25, 1985, to discuss the implementation of 10 CFR 50, Appendix R, Fire Protection, in preparation for the special inspection at Grand Gulf Unit 1 scheduled for May 20 through May 24, 1985.

The licensee presented copies of the following preaudit information requested by the Region II staff:

1. Piping and instrumentation (flow) diagrams for shutdown systems and alternative shutdown.
2. Plant layout and equipment location drawings which identify the physical plant locations of shutdown equipment.
3. Plant layout drawings which identify fire area delineation and fire protection equipment locations.
4. Marked-up layout drawings which identify the locations of emergency lighting units.
5. Associated circuit analysis methodology.
6. Plant operating procedures which describe emergency shutdown from emergency control stations outside and independent of the control room, and shutdown operations which utilize alternative shutdown capability.
7. Color coded marked-up electrical raceway drawings which identify the cable routing of power and control circuits for plant systems necessary to achieve and maintain safe shutdown.
8. Single line AC and DC power and control electrical distribution diagrams.

9. Revised Fire Hazards Analysis.

10. Control room fire analysis.

Attachment:
Attendance List

ATTACHMENT

ATTENDANCE LIST

Attendance at the MP&L - NRC meeting on April 25, 1985, at the NRC Region II Office.

Mississippi Power and Light

T. E. Barnett, Jr., Nuclear Plant Engineering - Electrical
J. G. Cesare, Manager, Nuclear Licensing
S. P. Hutchins, Principal Electrical Engineer
V. Holmberg, Fire Protection Coordinator
W. Russell, Operations Assistant
F. Titus, Manager, Nuclear Plant Engineering

Middle South Services, Inc.

M. R. Cumbest, Supervisor, Fire Protection

Impell Corporation

D. G. Mosby, Consultant

Brookhaven National Laboratory

A. Coppola, Systems Reviewer
E. A. MacDougall, Electrical Engineer

NRC Region II

T. E. Conlon, Chief, Plant Systems Section
V. Panciera, Chief, Projects Section 2B
A. B. Ruff, Electrical Engineer, Plant Systems Section
L. S. Mellen, Reactor Inspector, Test Programs Section
G. R. Wiseman, Fire Protection Engineer, Plant Systems Section
P. M. Madden, Fire Protection Engineer, Plant Systems Section
W. H. Miller, Jr., Fire Protection Engineer, Plant Systems Section

NRC, IE Headquarters

L. E. Whitney, IE, DI, ORPB, Section 1