



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

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December 1, 1985

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 No. 50-416
License No. NPF-29
File: 0260/L-860.0
Initial FSAR Update
AECM-85/0307

Ref: Letter from Elinor G. Adensam, NRC, to J. B. Richard, MP&L, dated February 26, 1985 (MAEC-85/0063)

Pursuant to 10 CFR 50.71(e) and the temporary scheduler exemption granted in the above referenced letter, Mississippi Power & Light Company (MP&L) hereby submits one signed original and twelve copies of its initial, updated Final Safety Analysis Report (FSAR) for the Grand Gulf Nuclear Station, Unit 1.

The updated FSAR has been prepared considering the additional guidance provided by NRC Generic Letter 81-06, "Periodic Updating of Final Safety Analysis Reports (FSARs)," dated February 26, 1981, to include:

- o Provision of an initial, updated FSAR that is a complete, clean document without change bars or revision numbers;
- o Provision of an initial FSAR update which conforms in format and content to Regulatory Guide 1.70, "Standard Format and Content of Safety Analysis Reports for Nuclear Power Plants," Revision 2, to which the original FSAR conformed; and
- o Incorporation of the appropriate portions of MP&L responses to NRC FSAR questions into the body of the updated FSAR.

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The following unique items concerning the initial, updated FSAR are discussed for your information:

- o Fire Hazards Analysis -
In an April 25, 1985 meeting with the NRC, MP&L proposed to remove the revised Fire Hazards Analysis (FHA) from the FSAR and to control the FHA separately. By letter, AECM-85/0164, dated May 18, 1985, MP&L submitted proposed FSAR changes associated with the removal of the FHA. These changes have been incorporated into the updated FSAR.
- o Environmental Equipment Qualification -
Since 10 CFR 50.49(j) requires environmental equipment qualification documentation be maintained in an auditable form, the duplication of this information, provided in FSAR Table 3.11-7, has been removed from the updated FSAR.
- o High Groundwater Level -
As a result of the recent NRC staff review of groundwater levels at the Grand Gulf site, the NRC requested, by letter dated August 19, 1985 from Thomas M. Novak (NRC) to Mr. Jackson B. Richard (MP&L) (MAEC-85/0284), that certain information be incorporated in the initial, updated FSAR. The schedule for preparation of the initial, updated FSAR did not permit the inclusion of the requested information; however, this information will be provided in subsequent annual revisions.

The requested information has historically been provided in the Annual Environmental Operating Report. The most recent information pertaining to this issue was provided in AECM-85/0111, dated April 30, 1985.

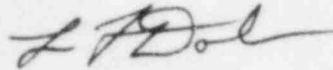
This submittal revises the FSAR to include the effects of all changes made in the facility or procedures as described in the FSAR; all safety evaluations performed by MP&L either in support of requested license amendments or in support of conclusions that changes did not involve an unreviewed safety question; and all analyses of new safety issues performed by or on behalf of MP&L at Commission request. Identification of those changes made under the provisions of 10 CFR 50.59 were submitted to the Commission under separate cover letters in accordance with an MP&L letter dated March 22, 1984 (AECM-84/0175). The latest submittal describing changes, tests, and experiments required by 10 CFR 50.59 was provided in a letter dated November 15, 1985 (AECM-85/0353) and reported those safety evaluations of changes, tests, and experiments performed up to June 1, 1985.

As required by 10 CFR 50.71(e)(2) and as authorized by MP&L, I hereby certify, to the best of my knowledge, information and belief, that the information given in the attached updated FSAR accurately presents changes made since the previous submittal, necessary to reflect information and analyses submitted to the Commission or prepared pursuant to Commission requirement.

This updated FSAR reflects changes made up to June 1, 1985. Subsequent revisions of the updated FSAR will be submitted annually and will reflect all changes up to a maximum of six months prior to the date of filing.

If you have any questions, please contact this office.

Yours truly,



L. F. Dale
Director

JHS/JCG:vog
Attachment

cc: Mr. O. D. Kingsley, Jr. (w/o)
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