

APR 2 1986

Docket No. 50-416

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Mr. Oliver D. Kingsley, Jr.
Vice President, Nuclear Operations
Mississippi Power & Light Company
P.O. Box 23054
Jackson, Mississippi 39205

Dear Mr. Kingsley:

SUBJECT: GRAND GULF NUCLEAR STATION, UNIT 1, OFFSITE DOSE CALCULATION MANUAL

REFERENCE: NUREG-0133, "Preparation of Radiological Effluent Technical Specifications for Nuclear Power Plants, A Guidance Manual for Users of Standard Technical Specifications", NRC, October 1978.

By letter dated October 10, 1985, Mississippi Power & Light Company submitted "Offsite Dose Calculation Manual (ODCM) - Grand Gulf Nuclear Station (GGNS)" Revision 6, dated September 1985. This document is the complete manual updated with 11 revisions through Revision 6.

The NRC staff has reviewed the ODCM as revised through Revision 6. The staff's safety evaluation is enclosed. The staff concludes that the ODCM Revision 6 generally uses documented and approved methods that are consistent with the methodology and guidelines in the above referenced NUREG-0133, and is, therefore, an acceptable reference for use with the GGNS Technical Specifications.

There are two areas which have not been addressed in Revision 6 which should be addressed in a revision to the ODCM within 6 months of the date of this letter; these are the method for calculating monthly dose projections as required by Technical Specifications 3.11.1.3 and 3.11.2.5 and the method for calculating total doses as required by Technical Specification 3.11.4. In addition, the next revision to the ODCM should include more legible flow diagrams of the liquid and gaseous waste treatment systems.

Sincerely,

Original Signed by

Walter R. Butler, Director
BWR Project Directorate No. 4
Division of BWR Licensing

Enclosure:
As stated

cc: See next page

JK
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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Sincerely,

A handwritten signature in cursive script that reads "Walter R. Butler".

Walter R. Butler, Director
BWR Project Directorate No. 4
Division of BWR Licensing

Enclosure:
As stated

cc: See next page

Mr. Oliver D. Kingsley, Jr.
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