



**Entergy
Operations**

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December 1, 1990

W. T. Cottle
Area President
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U.S. Nuclear Regulatory Commission
Mail Station P1-137
Washington, D.C. 20555

Attention: Document Control Desk

Gentlemen:

SUBJECT: Grand Gulf Nuclear Station
Unit 1
Docket No. 50-416
License No. NPF-29
FSAR Update Revision 5
AECM-90/0208

Pursuant to 10CFR50.71(e) Entergy Operations, as authorized by System Energy Resources, Inc. (SERI) hereby submits one signed original and ten copies of its updated Final Safety Analysis Report (FSAR), Revision 5, for the Grand Gulf Nuclear Station (GGNS), Unit 1.

This submittal revises the updated FSAR to include changes required in accordance with 10CFR50.71(e) up to June 1, 1990. Identification of those changes implemented under the provisions of 10CFR50.59 for the 12 month period up to June 1, 1990 were submitted to the Commission under separate cover letters (AECM-90/0001 and AECM-90/0129). Those changes implemented under the provisions of 10CFR50.59 on June 1, 1990 or after which were performed for FSAR changes included in updated Revision 5 are listed in AECM-90/0129 (Attachment 2). These changes will be reported in the next scheduled 50.59 summary report submittal.

An overview of key changes in Revision 5 of the FSAR Update includes:

- 1) The addition of Appendix 16A which relocates the Fire Protection System Technical Specifications from the GGNS Unit 1 Operating License to the FSAP in accordance with Generic Letter 88-12.
- 2) Appropriate revisions to exclude evaluations which support operating with feedwater heater(s) out of service if the feedwater temperature reduction is more than 50°F.
- 3) Appropriate revisions to the description of RWCU leak detection methods and associated pipe break analyses to reflect current leak detection and isolation provisions.
- 4) Appropriate revisions to reflect recent Entergy Operation organization changes and divisions of responsibility.

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The update to the Current Cycle Safety Analysis (CCSA) which is considered part of the updated FSAR was last submitted via AECM-89/0110, dated June 30, 1989. An update to the CCSA which reflects changes made as a result of the fuel reload accomplished during the refueling outage that ended on November 26, 1990 will be submitted prior to January 31, 1991.

As required by 10CFR50.71(e)(2) and as authorized by SERI, I hereby certify, to the best of my knowledge, information and belief, that the information given in the attached updated FSAR, Revision 5, accurately represents changes made since the previous submittal, necessary to reflect information and analyses submitted to the NRC or prepared pursuant to NRC requirement.

If you have any questions, please contact this office.

Yours truly,

W T COPE

WTC/RWB:ams
Attachments

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