



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

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50-416

MEMORANDUM FOR: Richard C. Lewis, Director  
Division of Project and Resident  
Programs  
NRC Region II

FROM: Karl V. Seyfrit, Chief  
Reactor Operations Analysis Branch  
Office for Analysis and Evaluation  
of Operational Data

SUBJECT: EVALUATION OF GRAND GULF LERS FOR THE PERIOD  
SEPTEMBER 1, 1982 TO SEPTEMBER 30, 1983

The Office for Analysis and Evaluation of Operational Data has assessed the Licensee Event Reports (LERs) submitted under Docket No. 50-416 during the subject period. This has been done in support of the ongoing SALP review of the Mississippi Power & Light Company with regard to their performance as licensee of the Grand Gulf Nuclear Station, Unit 1. Our perspective was indicative of that of a BWR system safety engineer who, although knowledgeable, is not intimately familiar with the detailed site specific equipment arrangements and operations. Our review focused on the technical accuracy, completeness, and intelligibility of the LERs.

The licensee submitted 386 LERs during the assessed period. For this review, we randomly selected 50 of the LERs from the total submitted in order to provide a statistically significant base for our assessment while limiting the number of LERs reviewed. In order to have at least 90 percent of the 386 LERs acceptable at the 95 percent confidence level, 48 out of 50 LERs we reviewed would have to be acceptable by our criteria as itemized in the attachment.

From this sample review, we note that in general the LERs typically provided clear descriptions of the cause and nature of the events as well as adequate explanations of the effects on both system function and public safety. In some LERs supplemental information was provided in attachments to the LER forms. This enabled the LER reviewer to better understand the nature of the events encountered thereby facilitating evaluation of the safety significance of the event. In most cases the described corrective actions taken or planned by the licensee were considered to be commensurate with the nature, seriousness, and frequency of the problems found. The attachment provides additional observation from our review of the LERs.

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In summary, our review of the licensee's LERs indicates that, except for non-participation in NPRDS, the licensee provides adequate description of the events as indicated by the statistical measure stated above and the criteria contained in the attachment. Furthermore, in general none of the LERs we reviewed involved what we would consider to be an especially significant event or serious challenge to plant safety.

If you have any questions, please contact either myself or Sal Salah of my staff on FTS 492-4432.

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Karl V. Seyfrit, Chief  
Reactor Operations Analysis Branch  
Office for Analysis and Evaluation  
of Operational Data

Attachment:  
As Stated

cc w/attachment:  
D. Houston, NRR  
A. Wagner, RII

Distribution:

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## SALP REVIEW FOR GRAND GULF

The licensee submitted 386 LERs in the assessment period from September 1, 1982 to September 30, 1983. We reviewed 50 randomly selected LERs submitted by the licensee.

The LER review covered the following subjects and the general instructions of NUREG-0161. The SALP review is presented with the topic reviewed followed by comments on that topic.

### 1. Review of LER for Completeness

- a) Is the information sufficient to provide a good understanding of the event?

We found the information in the narrative sections and the included attachments to be adequately informative.

- b) Review of Coded Information

We have checked the codes the licensee selected against the narrative description of the event for accuracy for every coded field. We agreed with the licensee in every coded block examined.

- c) Do the reports contain supplementary information when needed?

Twenty of the fifty LEs contained supplementary information as a separate attachment. The supplemental information provided was considered to be sufficient when needed.

- d) Followup Reports

The licensee submitted followup LERs for 82-32, 82-60, 82-63, 82-106, 83-49, 83-79, and 83-84. No cases were found in which followup reports were promised but not provided.

- e) Were similar occurrences properly referenced?

The licensee appropriately referenced the similar prior occurrences as necessary.

2. Is component failure or other appropriate information being reported to NPRDS?

The licensee does not participate in NPRDS.\*

3. Multiple Event Reporting in a single LER.

The licensee did not report any multiple events in a single LER.

Our review of the licensee's LERs indicates that except for nonparticipation in NPRDS, the licensee provides adequate descriptions of the events as indicated by the statistical measure and the criteria stated above.

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\*Participation by the licensee would be desirable.