



*K. Cullen*

UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

JAN 30 1973

Docket Nos. 50-416/417

Roger S. Boyd, Assistant Director for Boiling Water Reactors, L  
REVIEW SCHEDULE FOR GRAND GULF, UNITS 1 AND 2

We have performed a brief review of the information that is to be provided in forthcoming Amendment 2 to the Grand Gulf PSAR. This information was informally provided to us by the Project Manager. This Amendment was to provide the additional information that we identified in our January 11, 1973, memorandum (Tedesco to Boyd). Our review indicates that the application is still not complete enough to allow us to conduct a meaningful review.

Our review of the information indicates the following deficiencies:

1. A number of drawings previously submitted in the PSAR requires revision, including Figures 6.2-9, 6.2-196, 6.2-20, 6.2-22, and 6.2-23, to conform to the applicant's latest vacuum breaker and recirculation system designs.
2. Sections of the previously submitted PSAR text require revision, including Section 6.2.5.2.1, to conform to the latest recirculation system design and the capability of the system to perform its vacuum relief function.
3. The bypass leakage analysis requires detailed information regarding assumptions and equations used in the analysis, and proposed means to minimize the potential for and mitigate the consequences of bypass leakage.
4. The sensitivity study of hydrogen generation as a function of core temperature that we requested at the December 15, 1972, meeting with the applicant has not been provided.
5. The Project Manager informed us that the applicant is considering a change to a dual containment. This decision should be made before we begin our review.

Based on the above, we feel that the design of the Grand Gulf containments is not sufficiently complete to allow us to begin a

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meaningful review. We will need this information by March 1, 1973, to allow us to maintain our review schedule of a first set of questions on May 11, 1973. A meeting should be arranged with the applicant and G. E. to again define our needs to conduct the review of the Mark III containment.



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for Containment Safety  
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