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

April 11, 1979

MEMORANDUM FOR: Robert C. Arnold  
GPU Operations Manager

FROM: Roger J. Mattson, Director, OSS

SUBJECT: ACCEPTABILITY OF SYSTEM CRITERIA FOR USE  
OF STEAM GENERATORS FOR SHORT AND LONG  
TERM COOLDOWN

The NRC Technical Review Group has reviewed the system criteria for use of the steam generators in a water solid condition for short and long term cooldown (Rev. 1, 4-10-79) as presented by GPUSC. (Memo from G. R. Capodanno to W. R. Cobean 4/10/79 @ 1900 hrs). This document includes modifications proposed by the group as a result of April 9th and 10th meetings. We find the design criteria acceptable as documented pending inclusion and review of electrical criteria, with one exception. That is the design flow rate of 3000 gpm for the A and B modifications does not reflect design margin compared to the minimum flow requirements recommended by BW in its presentation to MetEd on April 11. This point needs early resolution. Final design and any additional substantive changes to the criteria should be transmitted to us for comments.

*Roger J. Mattson*  
Roger J. Mattson, Director  
Division of Systems Safety

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