



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

June 6, 1977

MEMORANDUM FOR: F. J. Williams, Technical Coordinator for Light Water Reactors, DPM

THRU: J. F. Stolz, Chief, Light Water Reactors Branch No. 1, *JF*
DPM

FROM: John Angelo, Project Manager, Light Water Reactors Branch No. 1

SUBJECT: REQUIREMENTS FOR CAPABILITY TO ACHIEVE COLD SHUTDOWN WITH LOSS-OF-OFFSITE POWER

I have reviewed the attached documents and consider them to be well written, technically correct, and necessary for reactor safety. One item should be given further consideration and that item relates to the test requirements of Branch Position "E" of the proposed BTP RSB 5-1 concerning the preop testing for adequate mixing of boron during cool-down under natural circulation. The question here is: should the test be conducted, assuming no heat removal from one of the steam generators due to assumed failure of one of the motor-operated relief valves?

John Angelo

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