



January 2, 1979
File: 8001-170-831, 832,
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TELECOPI

Babcock & Wilcox Company
P. O. Box 1260
Lynchburg, Virginia 24505

TBW 505

Attention: Mr. A. H. Lazar
Senior Project Manager

Subject: Davis-Besse Nuclear Power Station Unit No. 1
Dual Level Setpoints on Steam Generators for
Auxiliary Feedwater System

POOR ORIGINAL

Dear Al:

During our recent telephone conversations between TECo and the NRC (NRR and OIE Region III) on Steam Generator Dual Level Setpoints, TECo was requested to provide documentation in response to several concerns raised by the NRC. The areas requiring documentation are listed below.

C/A with
ECCS?

1. Compare the small break analysis (BAW - 10075A, Revision 1) with natural circulation test results considering interim operation and ultimate operation after the dual level setpoint change has been installed. Please note that TECo had also requested B&W to provide this information through TBW-503 (Item 5) dated December 4, 1978.

ECCS

2. Provide the time duration within which steam generator level should be increased from 35" to 110" in the event of a loss of offsite power followed by a small RCS break. How does this time relate to the time to peak heat load and is there a need to re-do at least some of the small break analysis?

C/A
ECCS
Fuels

3. On loss of offsite power, are the cool-down rates within the Davis-Besse Unit 1 Technical Specification pressure-temperature limits? Is the cool-down rate worse than that assumed in deriving the design cycle number of 40? Also, is the cool-down rate for the main steam line or loss of feedwater accidents other than as described in the FSAR? Also document that fuel damage limits assumed in the FSAR are not exceeded following a loss of offsite power, loss of feedwater or a main steam line break.

ECCS

4. Provide documentation that the proper spectrum of postulated LOCAs is now covered at Davis-Besse 1 in compliance with 10 CFR 50.46.

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5. Provide the 10 CFR 10.39 review of the dual level control change implementation if this change can be completed without a license amendment.

Within two weeks of receipt of this letter, please provide by letter, your schedule for completing the items listed above. Please note that item 5 above must be received by TSCs not later than February 14, 1979. We would like to receive documentation on the other four items by February 14, 1979 if possible. Also, please inform us when items 4 and 6 of TBW 503 will be provided to TSCs.

If you have any questions or comments, please advise.

Yours very truly,

Charles R. Domeck

Charles R. Domeck
Nuclear Project Engineer
Power Engineering and Construction

CRD:FRM:SCJ

cc:

E. C. Novak, w/o
J. D. Lenardson, w/o
R. E. Blanchong, w/o
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