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DEC 5 1973

Docket No. 50-346

Richard C. DeYoung, Assistant Director for PWR's, L

FSAR FIRST-ROUND REVIEW

POOR ORIGINAL

Plant Name: Davis-Besse

Licensing Stage: DL

Docket No: 50-346

Responsible Branch and Project Manager: I. Peltier, PWR-4

Technical Review Branch Involved: Reactor Systems Branch

Description of Review: Final Review

Review Status: Not Complete

Our memorandum of July 3, 1973 identified several areas of the Davis-Besse FSAR which were incomplete to the extent that our First-Round Technical Review Schedule was affected. Among these areas was the absence in the FSAR of LOCA analyses. At that time, we indicated that completion of First-Round Questions must therefore be delayed until the applicant had submitted the material.

Amendment 16, recently submitted on the Davis-Besse docket, provides a number of FSAR Revisions in the areas of LOCA analysis and ECCS design. We have examined this material and the attached list provides the required additional information which we are able to identify at this time. We have noted your letter to J. M. Hendrie, dated October 19, 1973, in which you indicated that although the Davis-Besse facility completion has slipped, it may be prudent to review immediately material such as Amendment 16 to avoid backlogging these items. However, the LOCA analysis is not complete. The applicant has provided an analyses of one large break in Amendment 16, in accordance with present ECCS performance criteria, and indicates that other large break analyses will be provided to the revised NEC Acceptance Criteria at a later date. We accept this position and we further note that certain portions of the analyses presented for Davis-Besse are inconsistent with referenced BW topical reports or other BW SAR's. Therefore, the LOCA analysis is an open item on the docket which must be given First-Round review after receipt of analyses in accordance with the new ECCS rule. Should the new rule be published within the near future, then a complete ECCS analysis using the current Interim Acceptance Criteria will be required. With regard to small pipe breaks, for the second time the applicant has delayed submittal of these analyses. Again, we will not be able to complete our First-Round Questions without this material.

OFFICE ▶	L:RSB <i>[Signature]</i>	L:RSB <i>[Signature]</i>	L:RSB <i>[Signature]</i>	L:RS <i>[Signature]</i>	
SURNAME ▶	J. Mazetis	R. J. Mattson	T.M. Novak	V. Stello	
DATE ▶	12/4/73	12/4/73	12/4/73	12/5/73	

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Richard C. DeYoung

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Please note the Staff positions now being taken for Davis-Besse on questions 3a, 3b, and C.

Original signed by:

Victor Stello, Jr., Assistant Director
for Reactor Safety
Directorate of Licensing

cc w/o encl.
A. Giambusso, L
M. G. McDonald, L

cc w/encl.
S. H. Hanauer, DRTA
J. M. Hendrie, L
V. Stello, L
T. Novak, L
I. Peltier, PWR-4
P. J. Mattson, L
J. Hazetis, L

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