

Docket File

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Docket No. 50-346

MEMORANDUM FOR: Domenic B. Vassallo, Assistant Director for Light Water Reactors, DPM

FROM: Robert L. Tedesco, Assistant Director for Plant Systems, DSS

SUBJECT: DAVIS BESSE UNIT 1 SAFETY EVALUATION REPORT SUPPLEMENT #2

Plant Name: Davis Besse Unit 1
 Docket Number: 50-346
 Licensing Stage: OL
 Milestone Number: 27-22
 Responsible Branch: LWR 2
 and Project Manager: L. Engle
 Requested Completion Date: February 23, 1977

The DSS:PS, Instrumentation and Control Systems Branch supplemental input to the Davis Besse Unit 1 Safety Evaluation Report (SER) dated December 1976, was transmitted by memorandum to you on December 23, 1976. That input was based on our review of the FSAR through Amendment 39 and, in part, Amendment 40. Several items in that transmittal were identified as subjects to be addressed in an SER supplement. The enclosed supplementary report addresses these items and presents the results of our review through Amendment 43. It should be noted that some, but not all, of the items identified in the previous transmittals have been resolved. The following items are those that have not been satisfactorily resolved and remain as outstanding items. We will report on our evaluation of these open items in the next supplement to the Safety Evaluation Report.

1. Final approval of the routing of Class 1E wiring with non-Class 1E wiring within Class 1E logic cabinets and panels. Resolution subject to verification tests yet to be submitted by the applicant demonstrating adequate isolation and separation between the safety and non-safety systems (SSER #2 Section 7.2).
2. Final resolution of the applicant's modifications for the reactor coolant flow transmitters yet to be submitted (SSER #2 Section 7.2).

Contact:
 A. J. Szukiewicz

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3. Final approval of the applicant's separation criteria for redundant conduits (SSER #2 Section 7.9.2). Resolution subject to final verification tests yet to be submitted.
4. Final approval of the Class 1E electrical distribution system (i.e., the Millstone 2 concerns). Resolution subject to receipt of the applicant's complete analysis (scheduled for March 4, 1977) (SSER #2 Section 8.2).
5. Final approval of the Decay Heat Removal Valve System (SSER Section 7.3.4 dated December 28, 1976). Resolution subject to concurrence from Reactor Systems Branch.

Original signed by:
Robert L. Tedesco

Robert L. Tedesco, Assistant Director
for Plant Systems
Division of Systems Safety

Enclosure:
As Stated

- cc: S. Hanauer
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