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Docket Nos: 50-346

MEMORANDUM FOR: B. Grimes, Assistant Director
for Engineering & Projects
Division of Operating Reactors

FROM: S. H. Hanauer, Assistant Director
for Plant Systems
Division of Systems Safety

SUBJECT: FIRE PROTECTION SAFETY EVALUATION REPORT - DAVIS BESSE
NUCLEAR STATION, UNIT NO. 1

Plant Name: Davis Besse Nuclear Station, Unit No. 1
Docket Number: 50-346
Licensing Stage: OR
Milestone Number: N/A
Responsible Branch: DOR 4
Project Manager: G. Vissing
ASB Reviewer: V. Leung
Requested Completion Date: December 30, 1978
Review Status: Complete

The Auxiliary Systems Branch has completed its review of the Davis Besse Nuclear Station, Unit No. 1, Fire Protection Program. The Fire Protection Program was reviewed in accordance with Appendix A to Branch Technical Position ASB 9.5-1.

Table 1 of the SER presents an acceptable schedule for implementation of improvements under way or planned for the plant fire protection program. The licensee has committed to implement emergency shutdown procedures and modifications to maintain hot shutdown capability by February 28, 1979, and to assure safe cold shutdown independent of the cable spreading room or the control room by October 31, 1979. These dates are consistent with the operating license provisions.

Based on our review, we find that the licensee's fireprotection program with improvements already made by the licensee, is adequate at the present time and with the scheduled modifications will meet the guidelines of Appendix A to Branch Technical Position 9.5-1, and meets General Design Criterion 3 and is, therefore, acceptable.

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B. Grimes

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Until the committed fire protection system improvements are operational, we consider the existing fire detection and suppression systems; the existing barriers between fire areas; improved administrative procedures for control of combustibles and ignition sources; the trained onsite fire brigade; the capability to extinguish fires manually; and the fire protection technical specifications provide adequate protection against a fire that would threaten safe shutdown.

S. H. Hanauer, Assistant Director
for Plant Systems
Division of Systems Safety

Enclosure:
As stated

- cc: R. Mattson
- R. Boyd
- W. Pike
- D. Eisenhut
- G. Vissing
- P. Matthews
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