



Docket No. 50-346

License No. NPF-3

Serial No. 535

August 14, 1979

LOWELL E. ROE

Vice President
Facilities Development
(419) 259-5242

Director of Nuclear Reactor Regulation
Attention: Mr. Robert N. Reid, Chief
Operating Reactors Branch No. 4
Division of Operating Reactors
United States Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Reid:

This letter is in reference to the fire protection modifications for the Davis-Besse Nuclear Power Station, Unit 1 (DB-1). In the DB-1 Fire Protection Safety Evaluation Report dated July 26, 1979, Item A.1 of Table 1 schedules the service water pump and valve room fire protection system modification. Due to the late selection and mobilization of a contractor it is requested that the schedule for installing this modification be extended to December 31, 1979. Discussions of the status and the request for delay are attached.

Very truly yours,

LER:TJM

Attachment

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Requested Change of Schedule for the
DB-1 Service Water Pump and Valve Room
Fire Protection Modification

Requested Change

Table 1 of the Davis-Besse Nuclear Power Station, Unit 1 (DB-1) Fire Protection Safety Evaluation was issued July 26, 1979 identifying a schedule of dates for system modifications. Item A.1 stated the addition of the service water pump and valve room sprinkler modification would be completed July 1, 1979. It is requested that this date be extended to December 31, 1979.

Discussion of Change

The criteria for this modification was discussed in a joint NRC-Toledo Edison (TECo) meeting October 25, 1978. The proposed system and basic layout were provided in revision 4 to the DB-1 Fire Hazards Analysis Report submitted to the NRC on November 25, 1978.

Toledo Edison Power Engineering and Construction (PE&C) proceeded with detailed design and modification responsibility. In late May, 1979 it was recognized that TECo PE&C efforts were late and with the number of high priority efforts, fire protection would not be able to receive special attention necessary to accelerate the station modifications consistent with the Company's long-term commitments. On May 30, 1979 responsibility for the entire program was transferred to the Project Management area of Toledo Edison's Facilities Development Mission.

The contractor competitive bidding process was initiated on May 18, 1979. Final contractor selection and award was made on July 20, 1979. Advance procurement has been initiated to minimize any future delays resulting from material delivery problems. The current project schedule identifies the service water pump and valve room modification as the priority task to be completed on December 31, 1979.

The extension of the completion date is not considered to increase the overall risk to the health and safety of the public. Procedures have been established for fire brigade training, control of combustibles as well as control of ignition sources. The currently installed and acceptable fire detection system is operational to provide early alarms to initiate manual fire-fighting actions. Even under the very unlikely event of a fire affecting all three service water pumps, the capability is available to provide the service water system from the station circulating water system. This capability is now documented in Emergency Procedure EP 1202.19, Revision 3.

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To provide additional assurance Toledo Edison commits to the following items during the interim period prior to completion of the service water pump and valve room modifications:

- 1) The hose house adjacent to fire water system hydrant #2 will have a length of hose long enough to provide fire-fighting capabilities in the service water pump room.
- 2) A 150 pound wheel mounted dry chemical extinguisher will be positioned to be accessible to this area by its hose length.
- 3) The service water pump and valve rooms will be visually checked by station personnel at least once every four hours.

Based on the above information Toledo Edison requests an extension of Table 1, Item A.1 of the DB-1 Fire Protection Safety Evaluation Report to December 31, 1979.

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