

FEB 4 1983

*Docket File*  
*DCS MS-016*

Docket Nos. 50-266  
and 50-301

Mr. C. W. Fay  
Assistant Vice President  
Wisconsin Electric Power Company  
231 West Michigan Street  
Milwaukee, Wisconsin 53201

Dear Mr. Fay:

SUBJECT: NUREG-0737 ITEM II.K.3.25, LOSS OF AC POWER TO REACTOR COOLANT  
PUMP SEALS

RE: Point Beach Nuclear Plant Units 1 and 2

We have completed our review of your responses dated December 23, 1980 and December 28, 1982 to the above TMI Action Plan item. This item required you to demonstrate that the integrity of the reactor coolant pump (RCP) seals would be maintained during a loss of offsite power event.

In your response, you stated that the RCP seals are cooled by two independent and redundant methods: (1) by high-pressure injection pump (charging pump) which supplies and returns water via the volume control tank and (2) by the component cooling water (CCW) system. During a loss of off-site power event involving no safety injection (SI) signal, you state that the emergency diesels are automatically started and loaded and that the CCW pumps are automatically started. You further state that the emergency diesels have sufficient capacity to allow manual start of a charging pump to provide seal water injection to the RCP seals, if necessary. This meets the staff position regarding this event.

During a loss of off-site power coincident with a SI signal, you state that, although the emergency diesel generators are automatically started and loaded, the CCW pumps are not automatically started because of the SI signal.

The staff's position is that automatic loading of the CCW pumps onto the emergency buses is desirable and should be pursued. In instances where manual loading was required, justification was requested to support that manual initiation was sufficient to assure RCP seal integrity from the period of coolant deprivation until coolant restoration.

In your response you state that an evaluation of the Point Beach emergency procedures using the NRC staff's guidelines indicates that coolant restoration will take place prior to the time necessary for RCP seal integrity to be affected.

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PDR ADOCK C5000266  
P PDR

OFFICE ▶	.....	.....	.....	.....	.....	.....
SURNAME ▶	.....	.....	.....	.....	.....	.....
DATE ▶	.....	.....	.....	.....	.....	.....

Mr. C. W. Fay

- 2 -

We have evaluated your responses and determined that you have adequately demonstrated that the integrity of RCP seals is maintained during a loss of offsite power event and is, therefore, acceptable. We thus consider this item to be resolved for Point Beach Units 1 and 2.

Sincerely,

Original signed by:

Robert A. Clark, Chief  
Operating Reactors Branch #3  
Division of Licensing

cc: See nextpage

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Wisconsin Electric Power Company

cc:

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