

OCT 19 1982

DCS MS-016

Docket Nos. 50-266
and 50-301

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

Dear Mr. Fay:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION-TMI ITEM II.K.3.25, POWER
TO PUMP SEALS

We have reviewed your response dated December 23, 1980 regarding TMI Item II.K.3.25, Power to Pump Seals, and find that additional information is necessary in order for us to complete our review. Enclosed is our Request for Additional Information (RAI) regarding this matter which reiterates the staff's position and requests that you identify areas of conformance or deviation from the stated position and provide detailed supporting information regarding the design and operation of the affected cooling systems. Please respond to the enclosed RAI within 60 days of receipt of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than 10 respondents; therefore, OMB clearance under P.L 96-511 is not required.

Sincerely,

Original signed by:
Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

Enclosure:
Request for Additional
Information

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PDR ADOCK 05000266
P PDR

OFFICE	DL:ORB#3	DL:ORB#3	DL:ORB#2	DL:ORB#3		
SURNAME	PKreutzer	TColburn:dd	JHegner	RAClark		
DATE	10/ /82	10/19/82	10/19/82	10/19/82		

Wisconsin Electric Power Company

cc:

Mr. Bruce Churchill, Esquire
Shaw, Pittman, Potts and Trowbridge
1800 M Street, N. W.
Washington, D. C. 20036

USNRC Resident Inspectors Office
6612 Nuclear Road
Two Rivers, Wisconsin 54241

Joseph Mann Library
1516 Sixteenth Street
Two Rivers, Wisconsin 54241

Mr. Glenn A. Reed, Manager
Nuclear Operations
Wisconsin Electric Power Company
Point Beach Nuclear Plant
6610 Nuclear Road
Two Rivers, Wisconsin 54241

Mr. Gordon Blaha
Town Chairman
Town of Two Creeks
Route 3
Two Rivers, Wisconsin 54241

Ms. Kathleen M. Falk
General Counsel
Wisconsin's Environmental Decade
114 N. Carroll Street
Madison, Wisconsin 53703

U. S. Environmental Protection Agency
Federal Activities Branch
Region V Office
ATTN: Regional Radiation
Representative
230 S. Dearborn Street
Chicago, Illinois 60604

Chairman
Public Service Commission of Wisconsin
Hills Farms State Office Building
Madison, Wisconsin 53702

Regional Administrator
Nuclear Regulatory Commission, Region III
Office of Executive Director for Operations
799 Roosevelt Road
Glen Ellyn, Illinois 60137

REQUEST FOR ADDITIONAL INFORMATION

TMI ITEM II.K.3.25, POWER TO PUMP SEALS

Below is the staff's position on TMI Item II.K.3.25, Power to Pump Seals. For each item please identify whether or not your plant's design conforms to or deviates from the stated position. In either case, we require that specific design and operating information be supplied in support of your response.

1. The cooling water supply should be adequate to provide seal cooling and prevent seal failure for a period of two hours during a loss of offsite power event.
2. RCP seals should be designed such that they are cooled by means of two independent supplies, e.g. seal injection (charging pumps) and thermal barrier heat exchangers (Reactor Building Closed Cooling Water (RBCCW) System). If plant design consists of only one cooling method, provide detailed design information to demonstrate that seal integrity is still maintained in the event of a loss-of-offsite power event for 2 hours.
3. It is currently our position that automatic loading of the cooling water pumps onto the emergency buses is desirable and should be pursued. The cooling water pumps should be automatically (requiring no operator action) started and sequentially loaded onto the diesel generators.

We recognize that a number of facilities currently employ manual, rather than automatic actions, to perform the above functions. In the event that your response deviates from the above position, provide detailed justification in support of the position that manual, rather than automatic action, is sufficient to assure RCP seal integrity. Guidelines for required operator action are provided in the draft ANSI-N660, "Time Response Design Criteria for Safety-Related Operator Actions." Justify the acceptability of the selected time for crediting operator actions. The response should provide conclusive verification that the integrity of the RCP seals will remain intact during the period of coolant deprivation through the time of coolant restoration, appropriately accounting for thermal shock to old seals as coolant is reinstated. If insufficient justification is provided, either additional analyses or applicable experimental data pertaining to pump seal integrity will be required.