

Docket 50-305

October 6, 1978

Docket No. 50-305

Wisconsin Public Service Corporation  
ATTN: Mr. E. W. James  
Senior Vice President  
Post Office Box 1200  
Green Bay, Wisconsin 54305

Gentlemen:

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A. Schwencer  
M. Mlynchak  
C. Parrish  
D. Eisenhut  
TERA  
J. Buchanan  
ACRS (16)

We have completed our review of your responses to our previous requests for information and staff positions submitted by letters dated July 28, 1978 and August 4, 1978. As a result of our continuing review and as a result of the meeting between your representatives and members of our staff on September 28-29, 1978, we have developed a request for additional information which is enclosed with this letter. We are also enclosing an additional staff position regarding the fire rating of barriers separating the diesel generator rooms from the corridor to the screenhouse. You are requested to respond to the enclosed request for information and staff position by October 18, 1978.

Sincerely,

Original signed by

A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

**Enclosures:**

1. Request for Additional  
Information and Staff Position

cc: w/enclosure  
See next page

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OFFICE	DOR:ORB1	DOR:ORB1	DOR:ORB1			
SURNAME	M. Mlynchak	C. Parrish	A. Schwencer			
DATE	10/5/78	10/6/78	10/6/78			

Wisconsin Public Service Corporation - 2 -

cc: Steven E. Keane, Esquire  
Foley and Lardner  
777 East Wisconsin Avenue  
Milwaukee, Wisconsin 53202

Kewaunee Public Library  
314 Milwaukee Street  
Kewaunee, Wisconsin 54216

Stanley LaCrosse  
Chairman, Town of Carlton  
Route 1  
Kewaunee, Wisconsin 54216

Enclosure  
Request for Additional Information  
and Staff Position  
Kewaunee Nuclear Power Plant  
Docket No. 50-305

40. Provide the results of your evaluation of the adequacy of fire-rated barriers throughout the plant; indicate where upgrading of barriers is necessary. (3.1.2, 3.1.8, 3.1.26).
41. Provide the results of your evaluation of the separation of safe shutdown cables in conduit from redundant cables. Indicate where modifications will be required. (3.1.15)
42. Identify the motor control centers for safety-related equipment which require protection from water spray and flooding caused by fire protection system failure or inadvertent actuation and describe the protection to be provided. (3.1.24)
43. Identify which fire doors protecting safe shutdown areas from large fire hazards or separating areas containing redundant safe shutdown cables or equipment will be electrically supervised for fire protection. (3.1.25)
44. Provide the results of your evaluation of the ability of service water hose lines in the reactor building to reach significant concentrations of combustibles in safety-related areas. (3.1.29)
45. Provide the results of your evaluation of the specifications and installation details for unlabeled fire door frames to demonstrate that the frames are equivalent to designs described in UL 63, "Standard for Safety of Fire Door Frames", Fifth Edition, November 19, 1976. (3.1.30)

47. Identify the function of the redundant cables in conduit located in the diesel generator rooms. (5.11.3)
48. Provide the results of your evaluation of the postulated causes and consequences of a circulating water pump lube oil fire. (5.15)
49. Provide the results of your evaluation of means for providing safe shutdown independent of cabling and equipment in the relay room. (4.10.5.6.3)
- P32. The fire barriers separating each diesel generator room from the corridor to the screenhouse are 1-1/2 hour fire rated due to the 1-1/2 hour fire doors and dampers in each barrier. These barriers serve to separate diesel generator oil hazards from redundant service water pump power cables located in the corridor. To provide adequate protection for the service water pump power cables from potential diesel generator room exposure fires, these barriers should be upgraded to a three-hour fire rating or a sprinkler system should be provided for the electrical cables in the screenhouse corridor.