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ACCESSION NBR:9605220018 DOC.DATE: 96/05/17 NOTARIZED: YES DOCKET #
FACIL:50-305 Kewaunee Nuclear Power Plant, Wisconsin Public Servic 05000305
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SUBJECT: Responds to NRC Bulletin 96-002, "Movement of Heavy Loads
Over Spent Fuel Pool, Over Fuel in Reactor Core or Over
Safety-Related Equipment."

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May 17, 1996

10CFR 50.54(f)

US Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555-0001

Ladies/Gentlemen:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Response to NRC BULLETIN 96-02

Subject: MOVEMENT OF HEAVY LOADS OVER SPENT FUEL POOL, OVER FUEL IN THE REACTOR CORE, OR OVER SAFETY-RELATED EQUIPMENT.

In accordance with the requirements of NRC Bulletin 96-02, and 10CFR50.54(f), this is Wisconsin Public Service Corporation's (WPSC's) submittal addressing the required response. Our responses to the items required in the Bulletin, in the format as they were presented, are as follows:

- (1) Kewaunee plans on handling heavy loads as part of its next refueling outage scheduled for the fall of 1996. These lifts will be performed prior to the plant reaching the cold shutdown condition. The planned activities involve removal of the main turbine's high pressure turbine enclosure, and removal of the pressurizer missile shield in the containment. These activities will occur prior to the Reactor Coolant System being placed in the cold shutdown condition. The turbine enclosure removal involves moving the enclosure over safety related equipment which are located at floor elevations below the turbine floor. The turbine enclosure lift will be performed while in the operating mode. The missile shield removal involves lifting the missile shield off the pressurizer vault and transferring it to the designated lay-down area in the containment basement. The missile shield lift will occur while in the hot or intermediate shutdown mode. A point to note is that the missile shield lift involves no safety related equipment other than the equipment located in the pressurizer vault.

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Both of these lifts have been previously evaluated and have been determined to be acceptable. All operations involving the use of plant cranes are prescribed by plant procedures. Any deviation from the prescribed activities requires prior Plant Operating Review Committee (PORC) approval. This has been communicated previously to and accepted by the Commission via correspondence regarding compliance to NUREG-0612.

Kewaunee has been evaluated to be acceptable for both phases I and II of Generic Letter 85-11. The Commission has accepted the Kewaunee methods of implementation as indicated in the Technical Evaluation Reports (TERs) prepared by NRC consultants, the Franklin Research Center, and associated correspondence. In general, the planned activities and administrative controls for controlling heavy loads at Kewaunee have not changed since the original submittals. The activities with regard to heavy loads remain consistent with the existing Technical Specifications (TS). Therefore, no revisions are required to the Kewaunee TS.

- (2) No load lifts other than those already submitted to the Commission are planned. Those that are planned are as described in Item 1 above. The potential impact of these lifts have been previously evaluated as described by the TERs and have been found acceptable. No further analysis is required. Therefore, no further information is required regarding this item.
- (3) Kewaunee has no plans to move dry storage casks in the near future. As stated in the correspondence in response to NUREG-0612 and GL 85-11, when this action becomes necessary appropriate analyses will be performed. Furthermore, current Technical Specifications prohibit the transfer of heavy loads (i.e. casks) over either spent fuel pool while spent fuel is stored in the pool.
- (4) As noted in Item 1, no TS revision will be necessary. Therefore, no further response to this item is required.

If you require any additional information or have questions concerning this response, please contact a member of my staff.

Sincerely,




C. R. Steinhardt
Senior Vice President - Nuclear Power

GIH

cc - US NRC, Region III
US NRC Senior Resident Inspector

Subscribed and Sworn to
Before Me This 17th Day
of May 1996



Jeanne M. Ferris
Notary Public, State of Wisconsin

My Commission Expires:
June 13, 1999