

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9004250074 DOC.DATE: 90/04/19 NOTARIZED: NO DOCKET #  
 FACIL:50-305 Kewaunee Nuclear Power Plant, Wisconsin Public Service 05000305  
 AUTH.NAME AUTHOR AFFILIATION  
 EVERS,K.H. Wisconsin Public Service Corp.  
 RECIP.NAME RECIPIENT AFFILIATION  
 Document Control Branch (Document Control Desk)

SUBJECT: Requests extension of implementation date for modifying position interlock feature on post-accident RDs.

DISTRIBUTION CODE: A001D COPIES RECEIVED:LTR 1 ENCL 0 SIZE: 2  
 TITLE: OR Submittal: General Distribution

### NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL		RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD3-3 LA	1 1		PD3-3 PD	1 1
	DAVIS,MIKE	5 5			
INTERNAL:	ACRS	6 6		NRR/DET/ECMB 9H	1 1
	NRR/DOEA/OTSB11	1 1		NRR/DST 8E2	1 1
	NRR/DST/SELB 8D	1 1		NRR/DST/SICB 7E	1 1
	NRR/DST/SRXB 8E	1 1		NUDOCS-ABSTRACT	1 1
	OC/LEMB	1 0		OGC/HDS1	1 0
	REG FILE 01	1 1		RES/DSIR/EIB	1 1
EXTERNAL:	LPDR	1 1		NRC PDR	1 1
	NSIC	1 1			

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,  
 ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION  
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 27 ENCL 25 0

*m/PA-4*



**WISCONSIN PUBLIC SERVICE CORPORATION**

600 North Adams • P.O. Box 19002 • Green Bay, WI 54307-9002

April 19, 1990

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Gentlemen:

Docket 50-305  
Operating License DPR-43  
Kewaunee Nuclear Power Plant (KNPP)  
Updated Control Room Habitability Evaluation

- References:
- 1) Letter from M. B. Fairtile (NRC) to D. C. Hintz (WPSC) dated January 29, 1987
  - 2) Letter from D. C. Hintz (WPSC) to NRC dated March 31, 1987
  - 3) Letter from C. R. Steinhardt (WPSC) to Document Control Desk dated February 28, 1989
  - 4) Letter from M. J. Davis (NRC) to K. H. Evers (WPSC) dated March 7, 1990

Reference 1 transmitted a report outlining the results of KNPP's control room ventilation system survey performed by Mr. Jack Hayes of the Nuclear Regulatory Commission (NRC) and two consultants from Argonne National Laboratory. Reference 2 transmitted Wisconsin Public Service Corporation's (WPSCs) response to the results of the control room ventilation survey and made a commitment to perform additional analysis of the system and reconcile the results as appropriate.

Reference 3 submitted an Updated Control Room Habitability Evaluation which incorporated the results of system performance testing and WPSC's plans to resolve two deviations that were identified by the study. Reference 4 transmitted NRC's closeout for the TAC item on the control room habitability evaluation. The staff identified no problems with the actions and plans as described in reference 3 and made one additional recommendation for which no response from WPSC is required.

9004250074 900419  
PDR ADOCK 05000305  
PDC

A001  
110

April 19, 1990

Page 2

The two deviations identified in reference 3 are: the post-accident recirculation dampers 1A and 1B do not meet single failure criteria due to both dampers being interlocked with a single fresh air inlet damper, and the control room radiation monitor (R-23) which is used for automatic control room train A outside air isolation is a QA type 3 component. To correct these two items WPSC committed to perform an engineering evaluation and implement appropriate system modifications by early 1990 to make the recirculation dampers single failure proof and to provide a train A safety injection signal (QA type 1) for control room outside air isolation by the end of the 1990 refueling outage.

The purpose of this submittal is to extend the implementation date for modifying the position interlock feature on the post-accident recirculation dampers. This system modification will be completed during the spring 1991 refueling outage in lieu of early 1990 as previously committed. The justification for this extension is two fold. First, any modification to the control room should receive a human factors assessment by the Control Room Design Review Committee. The time since the deviation was identified and the engineering evaluation completed to identify the appropriate system modification has not allowed this review step to be completed. Second, since the modification work will require additional activities in control room including cutting holes in the panels, it is prudent to perform this work when the plant is in a shutdown condition.

In the interim, continued operation of the system is not a safety concern. Damper ACC-2 is normally closed and receives a closed signal post-accident. A spurious opening of ACC-2 is a very unlikely event because it is not an active component post-accident. The modification to provide a train A safety injection signal for control room outside air isolation has been completed.

Our project manager, Mr. Mike J. Davis, was notified of our desire to delay this system modification on April 9, 1990. If you have any questions or need additional information, please contact Mr. D. J. Ropson of my staff.

Sincerely,



K. H. Evers  
Manager - Nuclear Power

SLB/cjt

cc - Mr. Patrick Castleman, US NRC  
US NRC, Region III