## REGULATERY INFORMATION DISTRIBUTIO BYSTEM (RIDS)

ACCESSION NBR:		DOCKET #			
FACIT: 20-302	Kewaunee Nuclear Power Plant, Wisconsin Public Servic	02000302			
AUTH: NAME	AUTHOR AFFILIATION				
HINTZ, D. C.	Wisconsin Public Service Corp.				
RECIP. NAME	NAME RECIPIENT AFFILIATION				
	Document Control Branch (Document Control Desk)				

SUBJECT: Responds to 880222 request for addl info re steam generator tube plugging levels. Surveillance Procedure 36-084, "Steam Generator Tube Insp." will be revised prior to use during upcoming refueling/maint outage.

DISTRIBUTION CODE: A001D COPIES RECEIVED LTR 1 ENCL O SIZE: 2

NOTES:

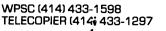
	RECIPIENT ID CODE/NAME PD3-3 LA QUAY,T	COPIES LTTR ENCL 1 0 1 1	RECIPIENT ID CODE/NAME PD3-3 PD	COPIES LTTR ENCL 5 5
INTERNAL:	ACRS NRR/DEST/ADS7E4 NRR/DEST/MTB 9H NRR/DOEA/TSB11F OGC 15-B-18 RES/DE/EIB		ARM/DAF/LFMB NRR/DEST/CEB8H7 NRR/DEST/RSB 8E NRR/PMAS/ILRB12 REG FILE 01	1 D 1 1 1 1 1 1 1 1
EXTERNAL:	LPDR NSIC	1	NRC PDR	1
Add:	NRR/DEST/ NRR/DOEA			

28

24

ENCL

TOTAL NUMBER OF COPIES REQUIRED: LTTR





EASYLINK 62891993

WISCONSIN PUSLIC SERVICE CORPORATION

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

February 23, 1988

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

Gentlemen:

BB03010136 BB0223 PDR ADDCK 05000305 PDR Docket 50-305 Operating License DPR-43 Kewaunee Nuclear Power Plant Steam Generator Tube Plugging Levels

In a telephone conversation of February 22, 1988, between Messrs. J. Giitter (US NRC), E. Murphy (US NRC), and D. J. Ropson (WPSC) of my staff, Mr. Murphy requested additional information regarding steam generator tube plugging levels. Specifically requested was a description of the administrative methods used by WPSC to ensure that, with the implementation of sleeving, the allowable steam generator tube plugging level is not unintentionally exceeded.

WCAP 11643, Kewaunee Steam Generator Sleeving Report, November, 1987, (Proprietary), provides "hydraulic equivalency ratios" for various sleeving configurations (e.g., one sleeve per tube installed in hot leg; two sleeves installed per tube, etc.). These "hydraulic equivalency ratios" define tube sleeving thermal-hydraulic effects in terms of equivalence to installed tube plugs.

Surveillance Procedure 36-084, "Steam Generator Tube Inspection," will be revised prior to use during the upcoming refueling/maintenance outage. In part, this revision will include the calculational steps necessary (using these "hydraulic equivalency ratios") to reduce the total number of tubes sleeved and/or plugged to a common basis (i.e., equivalent plugged tubes) for comparison with the limit (tube plugging level) established in the most recent ECCS analysis. This procedure will provide for a specific review of compliance with the ECCS defined tube plugging level (currently 10%).

The most recent Emergency Core Cooling System (ECCS) performance analysis for the Kewaunee Nuclear Power Plant supports plant operation at up to 10% steam generator tube plugging. The Kewaunee Nuclear Power Plant Updated Final Safety Analysis Report (USAR) will be revised to reflect this change.

Add NRR | DEST | PSB 41 NRR | DUEN / GCB 1

Document Control Desk February 23, 1988 Page 24

If more information is needed, or if you have questions relative to the above information, feel free to contact C. S. Smoker at 414 - 433-1415.

Sincerely,

Mark L. Marchingon D. C. Hintz

Vice President - Nuclear Power

CSS/jms

cc - Mr. Robert Nelson, US NRC US NRC, Region III

ļ