

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8202100278 DOC. DATE: 82/02/05 NOTARIZED: NO DOCKET #
 FACIL: 50-305 Kewaunee Nuclear Power Plant, Wisconsin Public Service 05000305
 AUTH. NAME AUTHOR AFFILIATION
 MATHEWS, E. R. Wisconsin Public Service Corp.
 RECIP. NAME RECIPIENT AFFILIATION
 VARGA, S. A. Operating Reactors Branch 1

SUBJECT: Forwards info re steam generator tube survey, per 820204 request. No defects identified which require repairs.

DISTRIBUTION CODE: A001S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3
 TITLE: General Distribution for after Issuance of Operating License

NOTES: I&E: 3 copies all material.

05000305

ACTION:	RECIPIENT ID CODE/NAME		COPIES		RECIPIENT ID CODE/NAME	COPIES	
			LTTR	ENCL		LTTR	ENCL
	ORB #1 BC	01	13	13			
INTERNAL:	ELD		1	0	IE	06	2 2
	NRR/DHFS DEPY08		1	1	NRR/DL DIR		1 1
	NRR/DL/ORAB		1	0	NRR/DSI/RAB		1 1
	<u>REG FILE</u>	04	1	1			
EXTERNAL:	ACRS	09	10	10	LPDR	03	1 1
	NRC PDR	02	1	1	NSIC	05	1 1
	NTIS		1	1			

TOTAL NUMBER OF COPIES REQUIRED: LTTR

38

35 ENCL

36

33

24

WISCONSIN PUBLIC SERVICE CORPORATION



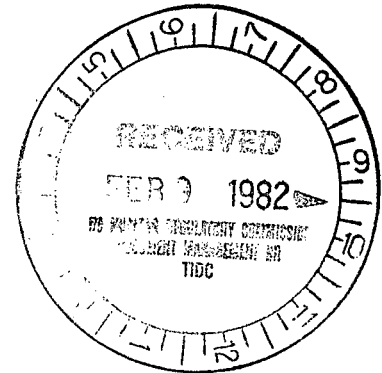
P.O. Box 1200, Green Bay, Wisconsin 54305

February 5, 1982

Mr. S. A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Varga:

Docket 50-305
Operating License DPR-43
Steam Generator Tube Survey



Reference: Your telecopied Request for Information
received February 4, 1982

Enclosed you will find the information requested by the above referenced
communique from Mr. Licciardo. The enclosure has been previously telecopied
to you on February 5, 1982.

Very truly yours,

A handwritten signature in cursive script that reads "E. R. Mathews".

E. R. Mathews, Senior Vice President
Power Supply & Engineering

snf

Enc.

cc - Mr. Robert Nelson, US NRC

A001
5
11

8202100278 820205
PDR ADOCK 05000305
P PDR

KEWAUNEE NUCLEAR POWER PLANT
STEAM GENERATOR TUBE INSPECTION AND PLUGGING HISTORY

Date	No. Tubes Inspected		Primary to Secondary Leakage, gpm	Total Defects	Type of Degrad.	No. Defects Requiring Repair
	<u>A/B Hot</u>	<u>A/B Cold</u>				
2/76	1505/781	769/-	None	2*	g	None
1/77	1090/523	468/468	None	-	-	None
5/80	323/602	319/-	None	-	-	None

* Two defects were identified as manufacturing defects.

- a) Wastage
- b) Cracking
- c) IGA
- d) Pitting
- e) Fatigue Cracking
- f) Errosion/ Corrosion
- g) Denting

1. Inspection Requirements (separate TS/ISI)

TS Section 4.2.b

- Surveillance Requirements (ECT)
- Damage or Plugging Limits (yes/no)
- Steam Generator leakage limits (yes/no)
- Next scheduled inspection (date)

Eddy Current Testing

yes, TS 4.2.b.4

yes, TS 3.1.d
TS 3.4.a.5

Refueling 1983

<u>Plant name</u>	<u>SG model no.</u>	<u>Startup date</u>	<u>Secondary water chem control</u>	<u>Previous exp. w/ phosphate control</u>	<u>Wastage</u>
Kewaunee	51	12/73	AVT	Yes/March-Sept., 1974	—
<u>Reduced wall thinning or pitting</u>	<u>Fretting</u>	<u>Secondary side init. IGA/SCC</u>	<u>Primary side Init. SCC in small radius U-bends</u>	<u>Denting(3)</u>	<u>No. of leaking tubes</u>
—	—	—	—	—	0
<u>No. (%) of tubes plugged</u>	<u>Sleeve repairs</u>	<u>Steam generator replacement</u>			
0	—	—			