

August 15, 2003

Mr. Thomas Coutu
Site Vice President
Kewaunee Nuclear Power Plant
Nuclear Management Company, LLC
N490 State Highway 42
Kewaunee, WI 54216

SUBJECT: KEWAUNEE NUCLEAR POWER PLANT - SUMMARY OF THE STAFF'S REVIEW
OF THE STEAM GENERATOR TUBE PRESERVICE INSPECTION REPORT
FROM JUNE 2001 (TAC NO. MB6941)

Dear Mr. Coutu:

By letter dated February 22, 2002, the Nuclear Management Company, LLC (NMC or the licensee), submitted the results of its preservice inspection for the replacement steam generators (SGs) performed in June 2001, for the Kewaunee Nuclear Power Plant (KNPP). The February 22, 2002, letter, is contained in ADAMS under Accession Nos. ML020720547 and ML020720559. The report was submitted in accordance with American Society of Mechanical Engineers Code Section XI.

KNPP has two SGs which are designated A and B. Both of the SGs received a preservice inspection in June 2001. SG A and B are Westinghouse Model 54F. This SG model consists of 3,592 total tubes. The tubes have been hydraulically expanded into the tubesheet and the stainless steel type 405 tube support plates contain broached quatrefoil holes. SGs A and B began operation in 2001, and have thermally-treated Inconel 690 tubing.

The SG tube preservice inspection summary stated that the licensee inspected 100 percent of the tubes in SGs A and B full length (tube end cold to tube end hot) using a bobbin probe. In addition, ambiguous signals were further inspected with a +Point™ probe. Ambiguous signals included Bulge, Bending Machine Geometry, Ding, Free - Span Differential, and Manufacturing Burnish Marks. The licensee reported that no tubes were preventively plugged and no degradation was found to be associated with the ambiguous signals.

Based on the U. S. Nuclear Regulatory Commission staff's review of the information provided by the licensee, the staff concludes that the licensee provided the required information and that at this time no additional information is required.

T. Coutu

- 2 -

If there are any comments or questions concerning this letter, please contact me at (301) 415-1446.

Sincerely,

/RA/

John G. Lamb, Project Manager, Section 1
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-305

cc: See next page

T. Coutu

- 2 -

If there are any comments or questions concerning this letter, please contact me at (301) 415-1446.

Sincerely,

/RA/

John G. Lamb, Project Manager, Section 1
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-305

cc: See next page

Distribution:

PUBLIC	PD 3-1 r/f	ACRS
OGC	PLouden, RIII	LRaghavan
JLamb	THarris	

ADAMS ACCESSION NO. ML032230154

*See memo 08/04/03

OFFICE	PDIII-1/PM	PDIII-1/LA	EMCB/SC	PDIII-1/SC
NAME	JLamb	THarris	ALund*	LRaghavan
DATE	08/13/03	08/13/03	08/04/03	08/14/03

OFFICIAL RECORD COPY

Kewaunee Nuclear Power Plant

cc:

John Paul Cowan
Executive Vice President &
Chief Nuclear Officer
Nuclear Management Company, LLC
700 First Street
Hudson, MI 54016

Kyle Hoops
Plant Manager
Kewaunee Nuclear Power Plant
N490 Highway 42
Kewaunee, WI 54216-9511

Gordon P. Arent
Manager, Regulatory Affairs
Kewaunee Nuclear Power Plant
N490 Highway 42
Kewaunee, WI 54216-9511

David Molzahn
Nuclear Asset Manager
Wisconsin Public Service Corporation
600 N. Adams Street
Green Bay, WI 54307-9002

Thomas Webb
Nuclear Asset Manager
Wisconsin Public Service Corporation
600 N. Adams Street
Green Bay, WI 54307-9002

Resident Inspectors Office
U. S. Nuclear Regulatory Commission
N490 Hwy 42
Kewaunee, WI 54216-9510

Regional Administrator
Region III
U. S. Nuclear Regulatory Commission
801 Warrenville Road
Lisle, IL 60532-4351

Jonathan Rogoff, Esquire
General Counsel,
Nuclear Management Company, LLC
700 First Street
Hudson, WI 54016

Larry L. Weyers
Chairman, President and CEO
Wisconsin Public Service Corporation
600 North Adams Street
Greene Bay, WI 54307-9002

David Zellner
Chairman - Town of Carlton
N2164 County B
Kewaunee, WI 54216

Sarah Jenkins
Electric Division
Public Service Commission of Wisconsin
PO Box 7854
Madison, WI 53707-7854

