

March 4, 2003

Mr. T. Coutu
Site Vice President
Kewaunee Nuclear Power Plant
N490 Hwy 42
Kewaunee, WI 54216

SUBJECT: ANNUAL ASSESSMENT LETTER - KEWAUNEE NUCLEAR POWER PLANT
(REPORT 50-305/03-01)

Dear Mr. Coutu:

On February 12, 2003, the NRC staff completed its end-of-cycle plant performance assessment of Kewaunee Nuclear Power Plant. The end-of-cycle review for Kewaunee Nuclear Power Plant involved the participation of all technical divisions in evaluating performance indicators for the most recent quarter and inspection results for the period from January 1 through December 31, 2002. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities.

Overall, Kewaunee Nuclear Power Plant operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter was within the Regulatory Response Column of the NRC's Action Matrix, based on one inspection finding of low to moderate safety significance (White) in the Mitigating Systems cornerstone. This finding was associated with an auxiliary feedwater pump fire area being misclassified and not meeting the requirements of 10 CFR Part 50, Appendix R.

Plant performance was within the Licensee Response Column of the Action Matrix during the prior three quarters of the assessment cycle. This is based on all Green inspection findings and all Green performance indicators.

The enclosed inspection plan details the inspections scheduled through March 31, 2004. In addition to baseline inspections that will be performed, there will be a 95001 supplemental inspection conducted in March 2003 to review the White inspection finding in the fire protection area and a safety issues inspection regarding security in November 2003. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last 6 months of the inspection plan are tentative and may be revised at the mid-cycle review meeting.

As you are aware, since the terrorist attacks on September 11, 2001, the NRC has issued several Orders and threat advisories to enhance security capabilities and improve guard force readiness. We have conducted inspections to review your implementation of these requirements and have monitored your actions in response to changing threat conditions. For calendar year 2003, we plan to continue these inspections, conduct portions of the security baseline inspection program, as well as perform additional inspections to evaluate your compliance with new requirements that may be ordered. Based on our final determinations in this regard, we will notify you of any inspection plan changes.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact Kenneth Riemer at 630-829-9757 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Geoffrey Grant, Director
Division of Reactor Projects, Region III

Docket No. 50-305
License No. DPR-43

Enclosure: Kewaunee Nuclear Power Plant Inspection/Activity Plan

See Attached Distribution

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/RA/

Geoffrey E. Grant, Director
Division of Reactor Projects

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See Attached Distribution

See Previous Concurrences

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OFFICE	RIII		RIII		RIII				
NAME	MCastanedo:co		KRiemer		GGrant				
DATE	03/ /03		03/ /03		03/ /03				

OFFICIAL RECORD COPY

cc w/encls: K. Hoops, Plant Manager, Kewaunee Plant
D. Graham, P.E., Director, Bureau of Field Operations
Chairman, Wisconsin Public Service Commission
State Liaison Officer
The Honorable Darin A. Jeanquart
D. Day, President, Two Rivers City Council
D. C. Markwardt, Chairperson, Manitowac County
G. Novickis, Chairman, Kewaunee County
N. Crowley, Director, Manitowac County
Emergency Government
L. Hucek, Director, Kewaunee County
Emergency Government
G. Buckley, Two Rivers City Manager
C. Meyer, President, Village of Mishicot
INPO

ADAMS Distribution:

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Project Director, NRR

Project Mgr., NRR

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SRI Kewaunee

DRPIII

DRSIII

PLB1

JRK1

Kewaunee
Inspection / Activity Plan
03/01/2003 - 03/31/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	FPI SUP	- FPI SUPPLEMENTAL - WHITE FINDING	1			
1	IP 95001	Supplemental Inspection For One Or Two White Inputs In A Strategic Performance Area		03/03/2003	03/07/2003	Supplemental Program
	7112202	- RADWASTE TRANSPORTATION	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/03/2003	03/07/2003	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		03/03/2003	03/07/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		03/03/2003	03/07/2003	Baseline Inspections
	7112102	- OUTAGE ALARA INSPECTION	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		04/07/2003	04/11/2003	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		04/07/2003	04/11/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		04/07/2003	04/11/2003	Baseline Inspections
	ISI	- ISI	2			
1	IP 7111108P	Inservice Inspection Activities - PWR		04/28/2003	05/09/2003	Baseline Inspections
	7112102	- NON OUTAGE ALARA	2			
1	IP 7112101	Access Control to Radiologically Significant Areas		09/15/2003	09/19/2003	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		09/15/2003	09/19/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/15/2003	09/19/2003	Baseline Inspections
	INSP	- BIENNIAL EP EXERCISE	3			
1	IP 7111401	Exercise Evaluation		09/22/2003	09/26/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/22/2003	09/26/2003	Baseline Inspections
	TI 148	- TI2515/148 SECURITY ICMS	4			
1	IP 2515/148	Inspection of Nuclear Reactor Safeguards - Interim Compensatory Measures		11/03/2003	11/07/2003	Safety Issues
	BR5	- PI&R	3			
1	IP 71152B	Identification and Resolution of Problems		12/01/2003	12/19/2003	Baseline Inspections
	FY 2004	- KEWAUNEE INIT PREP 01/2004	4			
1	W90078	OL - INITIAL EXAM - KEWAUNEE - AUG/SEP 2003		01/12/2004	01/16/2004	Not Applicable
	FY 2004	- KEWAUNEE INIT EXAM 02/2004	4			
1	W90078	OL - INITIAL EXAM - KEWAUNEE - AUG/SEP 2003		02/02/2004	02/13/2004	Not Applicable
	7112101	- RETS	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		02/09/2004	02/13/2004	Baseline Inspections
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		02/09/2004	02/13/2004	Baseline Inspections
	FPI	- TRIENNIAL FIRE PROTECTION	3			
1	IP 7111105T	Fire Protection		03/22/2004	04/09/2004	Baseline Inspections

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.