

August 22, 2002

Mr. T. Coutu
Site Vice-President
Kewaunee Nuclear Power Plant
Nuclear Management Company, LLC
6610 Nuclear Road
Two Rivers, WI 54241

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN
KEWAUNEE NUCLEAR POWER PLANT

Dear Mr. Coutu:

On July 31, 2002, the NRC staff completed its mid-cycle plant performance assessment of the Kewaunee Nuclear Power Plant. In accordance with NRC Inspection Manual Chapter 0305, "Operating Reactor Assessment Program," the mid-cycle review involved the participation of all technical divisions in evaluating the performance of your Kewaunee facility for the first half of the current assessment cycle, January 1 - 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 which may conflict with your plant activities.

Plant performance for the most recent quarter was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct baseline inspections at your facility through September 30, 2003. However, the significance of a finding involving the lack of a fixed suppression system in the safeguards alley is still under review as part of the Significance Determination Process. An inspection was conducted from July 31 to August 2, 2002, to follow up on this issue and the results will be transmitted to you by separate correspondence. Additional inspections may be conducted, as specified by the Action Matrix, after we complete our review of the results. We will notify you of any additional inspections.

The enclosed inspection plan details the inspections scheduled through September 30, 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 inspection plan for the last 6 months is tentative and may be revised at the end-of-cycle review.

In addition, the NRC is in the process of finalizing a Temporary Instruction that will be used to review implementation of the Interim Compensatory Measures required by the Agency's Security Order to all commercial nuclear power plants dated February 25, 2002. Schedules

have not yet been finalized, but it is anticipated that these inspections will begin within the next calendar quarter. Once finalized, the details will be communicated by separate correspondence.

In accordance with 10 CFR 2.790 of the NRC's "Rule 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 System (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 me at (630) 829-9631 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Roger Lanksbury, Chief
Branch 5
Division of Reactor Projects

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

Enclosure: Kewaunee Inspection/Activity Plan

cc w/encl: 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

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A. Coutu

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Kewaunee
Inspection / Activity Plan
09/01/2002 - 09/30/2003

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End	Inspection Type
	FY 2002 - KEWAUNEE INIT EXAM 08&09/2002		3		
1	W90056	OL - INITIAL EXAM - KEWAUNEE - JUL/AUG/SEP 2002		08/26/2002 09/06/2002	Not Applicable
	71111.11 - LIC OPERATOR REQUAL PROGRAM EVALUATION		2		
1	IP 7111111B	Licensed Operator Requalification		09/16/2002 09/20/2002	Baseline Inspections
	71130 - SAFEGUARDS INSPECTION-AA/AC/PI/PC		1		
1	IP 7113001	Access Authorization Program (Behavior Observation Only)		09/16/2002 09/20/2002	Baseline Inspections
1	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizati		09/16/2002 09/20/2002	Baseline Inspections
1	IP 7113004	Security Plan Changes		09/16/2002 09/20/2002	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/16/2002 09/20/2002	Baseline Inspections
	IP 71122 - REMP & UNCONDITIONAL RELEASE INSP		1		
1	IP 7112101	Access Control to Radiologically Significant Areas		09/16/2002 09/20/2002	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program		09/16/2002 09/20/2002	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/16/2002 09/20/2002	Baseline Inspections
	SSDI - SAFETY SYSTEM BIENNIAL & MOD/5059 (DRS)		7		
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		10/21/2002 11/08/2002	Baseline Inspections
1	IP 7111117B	Permanent Plant Modifications		10/21/2002 11/08/2002	Baseline Inspections
1	IP 7111121	Safety System Design and Performance Capability		10/21/2002 11/08/2002	Baseline Inspections
	CONT B - SAFEGUARDS INSPECTION-RESPONSE-TESTING		1		
1	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Strate		11/18/2002 11/22/2002	Baseline Inspections
	IP 71122 - RAD MATERIAL PROC/SHIPPING INSPECTION		1		
1	IP 7112101	Access Control to Radiologically Significant Areas		02/24/2003 02/28/2003	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		02/24/2003 02/28/2003	Baseline Inspections
	ISI - ISI		2		
1	IP 7111108	Inservice Inspection Activities		04/28/2003 05/09/2003	Baseline Inspections
	INSP - OUTAGE INSPECTION		1		
1	IP 7112101	Access Control to Radiologically Significant Areas		04/28/2003 05/02/2003	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		04/28/2003 05/02/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		04/28/2003 05/02/2003	Baseline Inspections
	INSP - ALARA		1		
1	IP 7112101	Access Control to Radiologically Significant Areas		06/02/2003 06/06/2003	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		06/02/2003 06/06/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		06/02/2003 06/06/2003	Baseline Inspections
	INSP - BIENNIAL EP EXERCISE		3		
1	IP 7111401	Exercise Evaluation		09/22/2003 09/26/2003	Baseline Inspections

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

Kewaunee
Inspection / Activity Plan
09/01/2002 - 09/30/2003

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End		Inspection Type
INSP - BIENNIAL EP EXERCISE			3			
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