

March 4, 2004

Mr. Joseph Solymossy  
Site General Manager  
Prairie Island Nuclear Generating Plant  
Nuclear Management Company, LLC  
1717 Wakonade Drive East  
Welch, MN 55089

SUBJECT: ANNUAL ASSESSMENT LETTER - PRAIRIE ISLAND NUCLEAR  
GENERATING PLANT (REPORT 50-282/04-01; 50-306/04-01)

Dear Mr. Solymossy:

On February 11, 2004, the NRC staff completed its end-of-cycle plant performance assessment of Prairie Island Nuclear Generating Plant. The end-of-cycle review for Prairie Island Nuclear Generating 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, 2003. 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, Prairie Island Nuclear Generating Plant operated in a manner that preserved public health and safety. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, 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 only baseline inspections at your facility through September 30, 2005.

The enclosed inspection plan details the inspections scheduled through September 30, 2005. 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 12 months of the inspection plan are tentative and may be revised at the mid-cycle review meeting. As you are aware, the NRC has issued several Orders and threat advisories to enhance security capabilities and improve guard force readiness since the terrorist attacks on September 11, 2001. 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 2004, we plan to continue inspections of Order implementation combined with newly developed portions of the security baseline inspection program.

In accordance with 10 CFR 2.390 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 me at 630-829-9600 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Patrick L. Loudon, Chief  
Reactor Projects Branch 5  
Division of Reactor Projects

Docket Nos. 50-282; 50-306  
License Nos. DPR-42; DPR-60

Enclosure: Prairie Island Nuclear Generating Plant Inspection/Activity Plan

See Attached Distribution

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**OFFICIAL RECORD COPY**

cc w/encl: John Paul Cowan, Executive Vice President and Chief Nuclear Officer  
Manager, Regulatory Affairs  
Jonathan Rogoff, Esquire, Vice President, Counsel & Secretary  
Nuclear Asset Manager  
Tribal Council, Prairie Island Indian Community  
Administrator, Goodhue County Courthouse  
Commissioner, Minnesota Department  
of Commerce  
Manager, Environmental Protection Division  
Office of the Attorney General of Minnesota  
K. Kuhlmann, Council Administrator  
A. Kohnen, President, Prairie Island  
Community Center  
D. Albers, Goodhue County Sheriff  
G. Brown, Emergency Management Director  
R. Wilhelm, Chair, Pierce County Board  
of Directors  
W. Branning, Chair, Dakota County Board of  
Commissioners  
The Honorable V. Steffenhagen  
G. Fried, Emergency Management Director  
J. Bryant, Chair, Goodhue County  
Board of Commissioners  
E. Muhlhausen, Pierce County Sheriff  
D. Gudmundson, Dakota County Sheriff  
INPO

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Project Director, NRR

Project Manager, NRR

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**Prairie Island**  
**Inspection / Activity Plan**  
**03/01/2004 - 09/30/2005**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>MR - MAINTENANCE RULE BIENNIAL (DRS)</b>		<b>1</b>			
1, 2	IP 711112B	Maintenance Effectiveness		03/01/2004	03/05/2004	Baseline Inspections
	<b>FY 2004 - PRAIRIE ISLAND RETAKE EXAM 04/2004</b>		<b>2</b>			
1	W90121	RETAKE OF INITIAL OL EXAMS - PRAIRIE ISLAND		04/23/2004	04/30/2004	Not Applicable
	<b>INSPECT - REMP INSPECTION</b>		<b>1</b>			
1, 2	IP 7112203	Radiological Environmental Monitoring Program		04/26/2004	04/30/2004	Baseline Inspections
	<b>71121.01 - ACCESS/ALARA</b>		<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		05/17/2004	05/21/2004	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		05/17/2004	05/21/2004	Baseline Inspections
	<b>URI INSP - URI FOR ISI ISSUE INSPECTION</b>		<b>1</b>			
1	IP 71152	Identification and Resolution of Problems		06/07/2004	06/10/2004	Baseline Inspections
	<b>71114 - BASELINE EP EXERCISE INSP</b>		<b>1</b>			
1, 2	IP 7111401	Exercise Evaluation		06/14/2004	06/18/2004	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		06/14/2004	06/18/2004	Baseline Inspections
	<b>SG BASE - SG BASELINE 2004</b>		<b>2</b>			
1, 2	IP 7113001	Access Authorization		07/19/2004	07/23/2004	Baseline Inspections
	<b>INSPECT - GAS AND LIQUID EFFLUENTS</b>		<b>1</b>			
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		07/26/2004	07/30/2004	Baseline Inspections
	<b>ISI/TI 1 - INSERVICE INSP/SG REPL/TI-150/152 UNIT 1</b>		<b>2</b>			
1	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-0		09/06/2004	10/15/2004	Safety Issues
1	IP 2515/152	Reactor Pressure Vessel Lower Head Penetration Nozzles (NRC Bulletin 2003-02)		09/06/2004	10/15/2004	Safety Issues
1	IP 50001	Steam Generator Replacement Inspection		09/06/2004	10/15/2004	Other Routine
1	IP 7111108P	Inservice Inspection Activities - PWR		09/06/2004	10/15/2004	Baseline Inspections
	<b>INSPECT - ACCESS CONTROL AND ALARA OUTAGE</b>		<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		09/20/2004	09/24/2004	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		09/20/2004	09/24/2004	Baseline Inspections
	<b>MOD/5059 - MODIFICATIONS &amp; 50.59</b>		<b>4</b>			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		11/01/2004	11/05/2004	Baseline Inspections
1, 2	IP 711117B	Permanent Plant Modifications		11/01/2004	11/05/2004	Baseline Inspections
	<b>INSPECT - ACCESS CONTROL AND ALARA</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		04/18/2005	04/22/2005	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		04/18/2005	04/22/2005	Baseline Inspections
	<b>ISI - UNIT 2 ISI/RPV HEAD REPLACEMENT INSP</b>		<b>2</b>			
2	IP 71007	Reactor Vessel Head Replacement Inspection		04/25/2005	05/20/2005	Other Routine

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

**Prairie Island**  
**Inspection / Activity Plan**  
**03/01/2004 - 09/30/2005**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>ISI</b>	<b>- UNIT 2 ISI/RPV HEAD REPLACEMENT INSP</b>	<b>2</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		04/25/2005	05/20/2005	Baseline Inspections
	<b>SSDI</b>	<b>- SAFETY SYSTEM DESIGN INSPECTION</b>	<b>6</b>			
1,2	IP 7111121	Safety System Design and Performance Capability		06/13/2005	07/01/2005	Baseline Inspections
	<b>71114</b>	<b>- BASELINE EP INSPECTION</b>	<b>1</b>			
1,2	IP 7111402	Alert and Notification System Testing		06/06/2005	06/10/2005	Baseline Inspections
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		06/06/2005	06/10/2005	Baseline Inspections
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		06/06/2005	06/10/2005	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		06/06/2005	06/10/2005	Baseline Inspections
	<b>FY 2005</b>	<b>- PRAIRIE ISLAND INIT PREP 07/2005</b>	<b>3</b>			
1	W90128	OL - INITIAL EXAM - PRAIRIE ISLAND - JUL/AUG 2005		07/11/2005	07/15/2005	Not Applicable
	<b>PI&amp;R</b>	<b>- PROBLEM IDENTIFICATION &amp; RESOLUTION INSP</b>	<b>5</b>			
1,2	IP 71152B	Identification and Resolution of Problems		07/18/2005	08/05/2005	Baseline Inspections
	<b>INSPECT</b>	<b>- RAD INSTRUMENTATION</b>	<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		08/01/2005	08/05/2005	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		08/01/2005	08/05/2005	Baseline Inspections
	<b>FY 2005</b>	<b>- PRAIRIE ISLAND INIT EXAM 08/2005</b>	<b>3</b>			
1	W90128	OL - INITIAL EXAM - PRAIRIE ISLAND - JUL/AUG 2005		08/01/2005	08/12/2005	Not Applicable