

March 2, 2005

Mr. Joseph Solymossy  
Site Vice-President  
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 UNITS 1 AND 2 (REPORT 05000282/200501;  
05000306/200501)

Dear Mr. Solymossy:

On February 9, 2005, the NRC staff completed its end-of-cycle plant performance assessment of Prairie Island Nuclear Generating Plant, Units 1 and 2. The end-of-cycle review for Prairie Island Nuclear Generating Plant involved the participation of the reactor technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2004. 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.

This performance review and enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in accordance with 10 CFR 2.390" will include the physical protection review and resultant inspection plan.

Overall, Prairie Island Nuclear Generating Plant Units 1 and 2 operated in a manner that preserved public health and safety and fully met all cornerstone objectives. 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, 2006.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through September 30, 2006. The following infrequently performed inspections are planned to commence during the months shown: Reactor Vessel Head Replacement inspection (Unit 2) in April 2005, Safety System Design and Performance Capability inspection in June 2005, Biennial Heat Sink inspection in July 2005, Problem Identification and Resolution inspection in July 2005, Reactor Vessel Head Replacement inspection (Unit 1) in May 2006, and Triennial Fire Protection inspection in September 2006.

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 9 months of the inspection plan are tentative and may be revised at the mid-cycle review meeting.

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) 829-9872 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Dave Passehl, Acting Chief  
Reactor Projects Branch 3  
Division of Reactor Projects

Docket Nos. 50-282, 50-306  
License Nos. NPF-42, NPF-60

Enclosure: Prairie Island Nuclear Generating Plant  
Units 1 and 2 Inspection/Activity Plan

cc w/encl: C. Anderson, Senior Vice President, Group Operations  
J. Cowan, Executive Vice President and Chief Nuclear Officer  
Regulatory Affairs Manager  
J. Rogoff, 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

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Institute of Nuclear Power Operations (INPO)

**Prairie Island**  
**Inspection / Activity Plan**  
**03/01/2005 - 09/30/2006**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>ISFSI - OPERATION OF AN ISFSI</b>		<b>2</b>			
1,2	IP 60855	Operation Of An ISFSI		01/01/2005	07/31/2005	Other Routine
	<b>HDREPL - U2 HD PRESERVIC &amp; HD MOD &amp; ISI REVIEW</b>		<b>2</b>			
2	IP 71007	Reactor Vessel Head Replacement Inspection		04/18/2005	05/20/2005	Other Routine
2	IP 7111102	Evaluation of Changes, Tests, or Experiments		04/18/2005	05/20/2005	Baseline Inspections
2	IP 7111108P	Inservice Inspection Activities - PWR		04/18/2005	05/20/2005	Baseline Inspections
2	IP 7111117B	Permanent Plant Modifications		04/18/2005	05/20/2005	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>SSDPC - SAFETY SYSTEM DESIGN &amp; PERFORMANCE</b>		<b>7</b>			
1,2	IP 7111121	Safety System Design and Performance Capability		06/13/2005	07/01/2005	Baseline Inspections
	<b>71114 - 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>HTSINK - HEAT SINK BIENNIAL</b>		<b>1</b>			
1,2	IP 7111107B	Heat Sink Performance		07/11/2005	07/15/2005	Baseline Inspections
	<b>FY 2005 - 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 - 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 - 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 - 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
	<b>INSPECT - TRANSPORTATION RAD WASTE</b>		<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		10/03/2005	10/07/2005	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		10/03/2005	10/07/2005	Baseline Inspections
	<b>71111.11 - LIC OPERATOR REQUAL PROGRAM EVALUATION</b>		<b>2</b>			
1,2	IP 7111111B	Licensed Operator Requalification Program		10/17/2005	10/21/2005	Baseline Inspections
	<b>MAINT - MAINTENANCE EFFECTIVENESS</b>		<b>1</b>			
1,2	IP 7111112B	Maintenance Effectiveness		02/27/2006	03/03/2006	Baseline Inspections

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

**Prairie Island**  
**Inspection / Activity Plan**  
**03/01/2005 - 09/30/2006**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>BI</b>	<b>- GASEOUS AND LIQUID EFFLUENTS</b>	<b>1</b>			
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		03/13/2006	03/17/2006	Baseline Inspections
	<b>ISI</b>	<b>- PRAIRIE ISLAND UNIT 1 ISI &amp; HD FAB INSP</b>	<b>3</b>			
1	IP 71007	Reactor Vessel Head Replacement Inspection		05/08/2006	05/26/2006	Other Routine
1	IP 7111108P	Inservice Inspection Activities - PWR		05/08/2006	05/26/2006	Baseline Inspections
	<b>BI</b>	<b>- OUTAGE ALARA AND ACCESS CONTROL</b>	<b>1</b>			
2	IP 7112101	Access Control to Radiologically Significant Areas		05/08/2006	05/12/2006	Baseline Inspections
2	IP 7112102	ALARA Planning and Controls		05/08/2006	05/12/2006	Baseline Inspections
	<b>7111401</b>	<b>- EP EXERCISE BASELINE</b>	<b>2</b>			
1,2	IP 7111401	Exercise Evaluation		06/26/2006	06/30/2006	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		06/26/2006	06/30/2006	Baseline Inspections
	<b>BI</b>	<b>- RAD INSTRUMENTATION</b>	<b>1</b>			
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		08/28/2006	09/01/2006	Baseline Inspections
	<b>FPI</b>	<b>- TRIENNIAL FIRE PROTECTION INSPECTION</b>	<b>3</b>			
1,2	IP 7111105T	Fire Protection		09/18/2006	10/06/2006	Baseline Inspections