

August 30, 2005

Mr. Thomas Palmisano  
Site Vice-President  
Prairie Island Nuclear Generating Plant  
Nuclear Management Company, LLC  
1717 Wakonade Drive East  
Welch, MN 55089

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -  
PRAIRIE ISLAND NUCLEAR GENERATING PLANT

Dear Mr. Palmisano:

On August 9, 2005, the NRC staff completed its mid-cycle plant performance review of Prairie Island Nuclear Generating Plant, Units 1 and 2 for the first half of the calendar year 2005 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous 12 months. 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.

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.

Plant performance for the most recent quarter at Prairie Island Nuclear Generating Plant Units 1 and 2 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 reactor oversight process (ROP) baseline inspections at your facility through March 31, 2007.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through March 31, 2007. Significant inspections planned for this year include a Reactor Vessel Head Replacement Inspection in May 2006, Emergency Preparedness Exercise in June 2006, and a Triennial Fire Protection Inspection in September 2006. The inspection plan is provided to minimize the resource impact on your staff and to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the end-of-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) 829-9620 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Richard A. Skokowski, Chief  
Reactor Projects Branch 3  
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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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  
Council Administrator  
President, Prairie Island Tribal Council  
Goodhue County Sheriff  
Director, Pierce County Emergency  
Management Agency  
Chair, Pierce County Board of Commissioners  
Chair, Dakota County Board of Commissioners  
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Director, Goodhue County Emergency  
Management Agency  
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SRI Prairie Island

DRP III

DRSIII

PLB1

JRK1

**Prairie Island**  
**Inspection / Activity Plan**  
**09/01/2005 - 03/31/2007**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>71111.11 - LIC OPERATOR REQUAL PROGRAM EVALUATION</b>		<b>2</b>			
1,2	IP 7111111B	Licensed Operator Requalification Program		10/03/2005	10/07/2005	Baseline Inspections
	<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>INSPECTI - ISFSI INSPECTION</b>		<b>2</b>			
1	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		11/01/2005	11/30/2005	Other Routine
	<b>MOD - MOD/50.59 INSPECTION</b>		<b>2</b>			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		03/06/2006	03/24/2006	Baseline Inspections
1,2	IP 7111117B	Permanent Plant Modifications		03/06/2006	03/24/2006	Baseline Inspections
	<b>MAINT - MAINTENANCE EFFECTIVENESS</b>		<b>1</b>			
1,2	IP 7111112B	Maintenance Effectiveness		03/20/2006	03/24/2006	Baseline Inspections
	<b>BI - 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>ME - MAINTENANCE EFFECTIVENESS</b>		<b>1</b>			
1,2	IP 7111112B	Maintenance Effectiveness		04/03/2006	04/07/2006	Baseline Inspections
	<b>ISI - PRAIRIE ISLAND UNIT 1 ISI &amp; HD FAB INSP</b>		<b>4</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 - OUTAGE ALARA AND ACCESS CONTROL</b>		<b>2</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 - EP EXERCISE BASELINE</b>		<b>2</b>			
1,2	IP 7111401	Exercise Evaluation		07/17/2006	07/21/2006	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		07/17/2006	07/21/2006	Baseline Inspections
	<b>FPI - TRIENNIAL FIRE PROTECTION INSPECTION</b>		<b>3</b>			
1,2	IP 7111105T	Fire Protection [Triennial]		07/31/2006	08/18/2006	Baseline Inspections
	<b>INSPECTI - ISFSI INSPECTION</b>		<b>2</b>			
1	IP 2515/149	Mitigating Systems Performance Index Pilot Verification		08/01/2006	09/30/2006	Safety Issues
	<b>BI - RAD INSTRUMENTATION</b>		<b>1</b>			
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/11/2006	09/15/2006	Baseline Inspections
	<b>ISI - PRAIRIE ISLAND UNIT 2 ISI INSPECTION</b>		<b>2</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		12/18/2006	12/31/2006	Baseline Inspections
	<b>BI - OUTAGE ACCESS CONTROL AND ALARA</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		01/02/2007	01/06/2007	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  
09/01/2005 - 03/31/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>BI</b>	<b>- OUTAGE ACCESS CONTROL AND ALARA</b>	<b>1</b>			
1	IP 7112102	ALARA Planning and Controls		01/02/2007	01/06/2007	Baseline Inspections
	<b>71122.02</b>	<b>- TRANSPORTATION</b>	<b>1</b>			
1, 2	IP 7112202	Radioactive Material Processing and Transportation		02/12/2007	02/16/2007	Baseline Inspections

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This report shows only on-site and announced inspection procedures.