

August 30, 2004

Mr. Joseph Solymossy  
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. Solymossy:

On August 11, 2004, the NRC staff completed its mid-cycle plant performance assessment of the Prairie Island Nuclear Generating Plant. The mid-cycle review for Prairie Island involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the first half of the current assessment cycle, July 1, 2003 - June 30, 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.

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 only baseline inspections at your facility through March 31, 2006.

The enclosed inspection plan details the inspections scheduled through March 31, 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 12 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 the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (630) 829-9605 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Mohammed A. Shuaibi, Acting Chief  
Branch 5  
Division of Reactor Projects

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

Enclosure: Prairie Island 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

J. Solymossy

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Manager, Environmental Protection Division  
Office of the Attorney General of Minnesota

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**Prairie Island**  
**Inspection / Activity Plan**  
**09/01/2004 - 03/31/2006**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>SG REPL - UNIT 1 STEAM GENERATOR REPLACEMENT</b>		<b>3</b>			
1	IP 50001	Steam Generator Replacement Inspection		06/01/2004	12/31/2004	Other Routine
	<b>ISI/TI 1 - INSERVICE INSP/SG REPL/TI-150/152 UNIT 1</b>		<b>4</b>			
1	IP 7111108P	Inservice Inspection Activities - PWR		08/16/2004	10/15/2004	Baseline Inspections
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
	<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		12/06/2004	12/10/2004	Baseline Inspections
1, 2	IP 7111117B	Permanent Plant Modifications		12/06/2004	12/10/2004	Baseline Inspections
	<b>ISFSI - OPERATION OF AN ISFSI</b>		<b>1</b>			
1, 2	IP 60855	Operation Of An ISFSI		01/01/2005	02/28/2005	Other Routine
	<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
2	IP 7111108P	Inservice Inspection Activities - PWR		04/25/2005	05/20/2005	Baseline Inspections
	<b>SSDPC - SAFETY SYSTEM DESIGN &amp; PERFORMANCE</b>		<b>6</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>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>HTSINK - HEAT SINK BIENNIAL</b>		<b>1</b>			
1, 2	IP 7111107B	Heat Sink Performance		07/11/2005	07/15/2005	Baseline Inspections
	<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

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

**Prairie Island**  
**Inspection / Activity Plan**  
**09/01/2004 - 03/31/2006**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<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
	<b>INSPECT</b>	<b>- 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</b>	<b>- 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>MOD/5059</b>	<b>- MODIFICATIONS AND 50.59</b>	<b>3</b>			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		02/06/2006	02/10/2006	Baseline Inspections
1, 2	IP 7111117B	Permanent Plant Modifications		02/06/2006	02/10/2006	Baseline Inspections
	<b>MAINT</b>	<b>- MAINTENANCE EFFECTIVENESS</b>	<b>1</b>			
1, 2	IP 7111112B	Maintenance Effectiveness		02/27/2006	03/03/2006	Baseline Inspections