



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

September 2, 2008

Mr. Michael D. Wadley
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, UNITS 1 AND 2**

Dear Mr. Wadley:

On August 14, 2008, the NRC staff completed its performance review of Prairie Island Nuclear Generating Plant, Units 1 and 2 for the first half of the calendar year 2008 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 security information. A separate letter designated and marked as "Official Use Only – Security Related Information" will include the security cornerstone 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 reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, including baseline and other infrequently conducted inspections, less those related to security, scheduled through December 31, 2009. The inspection plan is provided 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.

M. Wadley

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In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be 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), 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
Branch 3
Division of Reactor Projects

Docket Nos. 50-282; 50-306; 72-010
License Nos. DPR-42; DPR-60; SNM-2506

Enclosure: Prairie Island Inspection/Activity Plan

DISTRIBUTION
See next page

Letter to M. Wadley from R. Skokowski dated September 2, 2008

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN –
PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1 AND 2

cc w/encl: D. Koehl, Chief Nuclear Officer
P. Glass, Assistant General Counsel
Nuclear Asset Manager
J. Stine, State Liaison Officer, Minnesota Department of Health
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
Mayor of Red Wing
Director, Goodhue County Emergency
Management Agency
Chair, Goodhue County Board of Commissioners
Pierce County Sheriff
Dakota County Sheriff
G. Mortensen, INPO

M. Wadley

-2-

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OFFICE	RIII		RIII							
NAME	RJones:ntp		RSkokowski							
DATE	08/21/08		08/21/08							

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Letter to M. Wadley from R. Skokowski dated September 2, 2008

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1 AND 2

DISTRIBUTION:

Tamara Bloomer

RidsNRRDORILp13-2

RidsNrrPMPrairieIsland Resource

RidsNrrDirslpab Resource

James Caldwell

Mark Satorius

Jared Heck

Kenneth O'Brien

Allan Barker

DRPIII

DRSIII

Patricia Buckley

Tammy Tomczak

ROPreports@nrc.gov (inspection reports, final SDP letters, any letter with an IR number)

**Prairie Island
Inspection / Activity Plan
09/01/2008 - 12/31/2009**

Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End	Inspection Type
ER	- EMERGENCY RESPONSE - RX TRIP & NOUE	4		
IP 93812	Special Inspection		07/31/2008 09/20/2008	Event Response Inspec
BI RP	- RADIATION PROTECTION BASELINE INSPECTION	1		
IP 7112101	Access Control to Radiologically Significant Areas		09/22/2008 09/26/2008	Baseline Inspections
IP 7112102	ALARA Planning and Controls		09/22/2008 09/26/2008	Baseline Inspections
IP 71151-OR01	Occupational Exposure Control Effectiveness		09/22/2008 09/26/2008	Baseline Inspections
BI ENG	- INSERVICE INSPECTION/TI-172	2		
IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds		09/15/2008 10/10/2008	Generic Safety Inspecti
IP 7111108P	Inservice Inspection Activities - PWR		09/15/2008 10/10/2008	Baseline Inspections
BI ENG	- ENGINEERING MODIFICATIONS / 50.59 INSP.	3		
IP 7111117B	Evaluations of Changes, Tests, or Experiments & Permanent Plant Modifications		11/17/2008 12/12/2008	Baseline Inspections
RENEWAL	- LICENSE RENEWAL INSPECTION	5		
IP 71002	License Renewal Inspection		01/12/2009 01/30/2009	License Renewal Insper
BI RP	- RADIATION PROTECTION BASELINE INSPECTION	1		
IP 7112202	Radioactive Material Processing and Transportation		02/02/2009 02/06/2009	Baseline Inspections
IP 71151-BI01	Reactor Coolant System Activity		02/02/2009 02/06/2009	Baseline Inspections
BI ENG	- TRIENNIAL FIRE PROTECTION INSPECTION	3		
IP 7111105T	Fire Protection [Triennial]		03/30/2009 04/17/2009	Baseline Inspections
BI ENG	- FIRE PROTECTION INFO GATHERING TRIP	3		
IP 7111105T	Fire Protection [Triennial]		03/16/2009 03/20/2009	Baseline Inspections
BI EP	- EP ROUTINE INSPECTION / PI VERIFICATION	1		
IP 7111402	Alert and Notification System Testing		04/13/2009 04/17/2009	EP Baseline Inspection
IP 7111403	Emergency Response Organization Augmentation Testing		04/13/2009 04/17/2009	EP Baseline Inspection
IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		04/13/2009 04/17/2009	EP Baseline Inspection
IP 71151-EP01	Drill/Exercise Performance		04/13/2009 04/17/2009	Baseline Inspections
IP 71151-EP02	ERO Drill Participation		04/13/2009 04/17/2009	Baseline Inspections
IP 71151-IE03	Unplanned Power Changes per 7000 Critical Hrs		04/13/2009 04/17/2009	Baseline Inspections
ISFSI	- ISFSI - ROUTINE LOADING	1		
IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		04/01/2009 05/30/2009	Other Routine
BI ENG	- TRIENNIAL HEAT SINK INSPECTION	2		
IP 7111107T	Heat Sink Performance		06/15/2009 06/19/2009	Baseline Inspections
BI RP	- RADIATION PROTECTION BASELINE INSPECTION	1		
IP 7112101	Access Control to Radiologically Significant Areas		06/15/2009 06/19/2009	Baseline Inspections
IP 7112102	ALARA Planning and Controls		06/15/2009 06/19/2009	Baseline Inspections
IP 71151-OR01	Occupational Exposure Control Effectiveness		06/15/2009 06/19/2009	Baseline Inspections

**Prairie Island
Inspection / Activity Plan
09/01/2008 - 12/31/2009**

Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
			Start	End	
BI RP	- RADIATION PROTECTION BASELINE INSPECTION	1			
IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		08/24/2009	08/28/2009	Baseline Inspections
IP 71151-PR01	RETS/ODCM Radiological Effluent		08/24/2009	08/28/2009	Baseline Inspections
BI ENG	- ENGINEERING INSERVICE INSPECTION	1			
IP 7111108P	Inservice Inspection Activities - PWR		09/14/2009	10/02/2009	Baseline Inspections
BI RP	- RADIATION PROTECTION BASELINE INSPECTION	1			
IP 7112101	Access Control to Radiologically Significant Areas		09/21/2009	09/25/2009	Baseline Inspections
IP 7112102	ALARA Planning and Controls		09/21/2009	09/25/2009	Baseline Inspections
BI OL	- BIENNIAL REQUAL. PROGRAM INSPECTION	2			
IP 7111111B	Licensed Operator Requalification Program		10/05/2009	10/09/2009	Baseline Inspections
TI	- TEMPORARY INSTRUCTION 2515/173	1			
IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative		10/05/2009	10/09/2009	Generic Safety Inspecti
BI PI&R	- BIENNIAL PI&R INSPECTION	4			
IP 71152B	Identification and Resolution of Problems		11/30/2009	12/18/2009	Baseline Inspections