



August 9, 2010

L-PI-10-074
10 CFR 50.73

U S Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Prairie Island Nuclear Generating Plant Units 1 and 2
Dockets 50-282 and 50-306
License Nos. DPR-42 and DPR-60

LER 50-282/2010-003-00, Postulated Flooding of Battery Rooms Due To Inadequate Battery Room Door Threshold Seals

Northern States Power Company, a Minnesota corporation (NSPM), doing business as Xcel Energy, herewith encloses Licensee Event Report (LER) 50-282/2010-003-00.

On June 9, 2010, Event Notification Report (Event Number: 45997) was made for "BATTERY ROOMS DECLARED INOPERABLE DUE TO POTENTIAL FLOODING".

The current internal flooding licensing basis (as presented on July 13, 2010) is under NRC review. NSPM's position is that we are within our original licensing basis. Pending NRC final review, a supplement to this LER will be submitted.

Summary of Commitments

This letter contains no new commitments and no changes to existing commitments.

Mark A. Schimmel
Site Vice President, Prairie Island Nuclear Generating Plant
Northern States Power Company - Minnesota

Enclosure

cc: Administrator, Region III, USNRC
Project Manager, Prairie Island, USNRC
Resident Inspector, Prairie Island, USNRC
Department of Commerce, State of Minnesota

ENCLOSURE

LICENSEE EVENT REPORT 50-282/2010-003-00

3 Pages Follow

LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

Estimated burden per response to comply with this mandatory collection request: 80 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the Records and FOIA/Privacy Service Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0066), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

1. FACILITY NAME Prairie Island Nuclear Generating Plant Unit 1	2. DOCKET NUMBER 05000282	3. PAGE 1 of 3
---	-------------------------------------	--------------------------

4. TITLE
LER 50-282/2010-003-00, Postulated Flooding of Battery Rooms Due To Inadequate Battery Room Door Threshold Seals

5. EVENT DATE			6. LER NUMBER			7. REPORT DATE			8. OTHER FACILITIES INVOLVED	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REV NO	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
06	9	2010	2010	003	00	08	09	2010	Prairie Island Unit 2	05000306
									FACILITY NAME	DOCKET NUMBER

9. OPERATING MODE Mode 1	11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check all that apply)			
10. POWER LEVEL 100%	<input type="checkbox"/> 20.2201(b)	<input type="checkbox"/> 20.2203(a)(3)(i)	<input type="checkbox"/> 50.73(a)(2)(i)(C)	<input type="checkbox"/> 50.73(a)(2)(vii)
	<input type="checkbox"/> 20.2201(d)	<input type="checkbox"/> 20.2203(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(ii)(A)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)
	<input type="checkbox"/> 20.2203(a)(1)	<input type="checkbox"/> 20.2203(a)(4)	<input type="checkbox"/> 50.73(a)(2)(ii)(B)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)
	<input type="checkbox"/> 20.2203(a)(2)(i)	<input type="checkbox"/> 50.36(c)(1)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)(A)
	<input type="checkbox"/> 20.2203(a)(2)(ii)	<input type="checkbox"/> 50.36(c)(1)(ii)(A)	<input type="checkbox"/> 50.73(a)(2)(iv)(A)	<input type="checkbox"/> 50.73(a)(2)(x)
	<input type="checkbox"/> 20.2203(a)(2)(iii)	<input type="checkbox"/> 50.36(c)(2)	<input checked="" type="checkbox"/> 50.73(a)(2)(v)(A)	<input type="checkbox"/> 73.71(a)(4)
	<input type="checkbox"/> 20.2203(a)(2)(iv)	<input type="checkbox"/> 50.46(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(v)(B)	<input type="checkbox"/> 73.71(a)(5)
	<input type="checkbox"/> 20.2203(a)(2)(v)	<input type="checkbox"/> 50.73(a)(2)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(v)(C)	<input type="checkbox"/> OTHER
	<input type="checkbox"/> 20.2203(a)(2)(vi)	<input type="checkbox"/> 50.73(a)(2)(i)(B)	<input type="checkbox"/> 50.73(a)(2)(v)(D)	<small>Specify in Abstract below or in NRC Form 366A</small>

12. LICENSEE CONTACT FOR THIS LER

NAME Sam J DiPasquale, P.E.	TELEPHONE NUMBER (Include Area Code) 651.388.1121 x7350
--------------------------------	--

13. COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT

CAUSE	SYSTEM	COMPONENT	MANU-FACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANU-FACTURER	REPORTABLE TO EPIX

14. SUPPLEMENTAL REPORT EXPECTED	15. EXPECTED SUBMISSION DATE	MONTH	DAY	YEAR
<input checked="" type="radio"/> YES (If yes, complete 15. EXPECTED SUBMISSION DATE). <input type="radio"/> NO		10	09	2010

ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines)

On June 9, 2010, Event Notification Report (Event Number: 45997) was made for "BATTERY ROOMS DECLARED INOPERABLE DUE TO POTENTIAL FLOODING".

The current internal flooding licensing basis (as presented on July 13, 2010) is under NRC review. NSPM's position is that we are within our original licensing basis. Pending NRC final review, a supplement to this LER will be submitted.

**LICENSEE EVENT REPORT (LER)
CONTINUATION SHEET**

1. FACILITY NAME	2. DOCKET NUMBER	6. LER NUMBER	3. PAGE
Prairie Island Nuclear Generating Plant Unit 1	05000282	YEAR 2010 - SEQUENTIAL NUMBER 003 REV NO - 00	2 of 3

EVENT DESCRIPTION

The four battery rooms (11, 12, 21 and 22) are located in the Turbine Building (TB) on the 695 foot elevation. The battery room equipment includes both trains of Unit 1 and Unit 2 Batteries¹, Battery Chargers, Safeguards Inverters,² including those that supply Reactor Protection Panels, Event Monitoring and Safeguards Bus Load Sequencers³, and AC and DC distribution panels.

Door 225 is the access from the TB into 11 Battery Room and Door 224 is the access from the TB into 21 Battery Room. Doors 224 and 225 are internal flooding control boundaries. Two access routes per battery room are provided for personnel safety. The access between adjoining battery rooms is through openings in the reinforced concrete block walls. Each of these openings is furnished with a counterweighted gravity sliding Class "A" fire door that is not a flooding control boundary.

On June 9, 2010, Event Notification Report (Event Number: 45997) was made for "BATTERY ROOMS DECLARED INOPERABLE DUE TO POTENTIAL FLOODING".

EVENT ANALYSIS

The current internal flooding licensing basis (as presented on July 13, 2010) is under NRC review. NSPM's position is that we are within our original licensing basis. Pending NRC final review, a supplement to this LER will be submitted.

SAFETY SIGNIFICANCE

This issue had no nuclear, radiological, industrial, or environmental impact. Internal flooding of the Turbine Building and Battery Rooms did not occur, so the Structures, Systems and Components (SSCs) in the battery rooms would not fail. Therefore, this event did not affect the health and safety of the public.

CAUSE

The current internal flooding licensing basis (as presented on July 13, 2010) is under NRC review. NSPM's position is that we are within our original licensing basis. Pending NRC final review, a supplement to this LER will be submitted.

¹ EIIS System Code: EI
² EIIS System Code: EE
³ EIIS System Code: JE

**LICENSEE EVENT REPORT (LER)
CONTINUATION SHEET**

1. FACILITY NAME	2. DOCKET NUMBER	6. LER NUMBER			3. PAGE
Prairie Island Nuclear Generating Plant Unit 1	05000282	YEAR	SEQUENTIAL NUMBER	REV NO	3 of 3
		2010	- 003	- 00	

CORRECTIVE ACTION

The current internal flooding licensing basis (as presented on July 13, 2010) is under NRC review. NSPM's position is that we are within our original licensing basis. Pending NRC final review, a supplement to this LER will be submitted.

PREVIOUS SIMILAR EVENTS

LER 2-08-01 for PINGP, Unit 2, regarding an "Unanalyzed Condition Due to Both Trains of Component Cooling Susceptible to a Postulated High Energy Line Break" was submitted on January 19, 2009. This LER described a condition where both trains of the component cooling⁴ water system were susceptible to a single failure caused by a postulated High Energy Line Break (HELB) in the turbine building.

LER 1-09-06 for PINGP, Units 1 and 2, regarding an "Unanalyzed Condition Due to Potential Safety System Susceptibility to Turbine Building Flooding Due to a Postulated High Energy Line Break, Supplement 1" was submitted April 8, 2010. This LER described a condition where the operability of the Unit 1 Emergency Diesel Generators⁵ may not be assured during a HELB event.

⁴ EIIS System Code: CC

⁵ EIIS System Code: EK