

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Prairie Island Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 2 8 2 1 OF 0 2				PAGE (3) 1 OF 0 2		
TITLE (4) Safety Injection Inadvertently Actuated At Refueling Shutdown																
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)						
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES				DOCKET NUMBER(S)			
0	1	18	85	85	004	0	0	2	1	5	85	0 5 0 0 0				
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)														
N		20.402(b)				20.406(a)				<input checked="" type="checkbox"/> 50.73(a)(2)(iv)				73.71(b)		
POWER LEVEL (10)		000				20.406(a)(1)(i)				<input type="checkbox"/> 50.73(a)(2)(v)				73.71(a)		
		20.406(a)(1)(ii)				20.406(a)(2)				<input type="checkbox"/> 50.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)		
		20.406(a)(1)(iii)				50.73(a)(2)(i)				<input type="checkbox"/> 50.73(a)(2)(vii)(A)						
		20.406(a)(1)(iv)				50.73(a)(2)(ii)				<input type="checkbox"/> 50.73(a)(2)(vii)(B)						
		20.406(a)(1)(v)				50.73(a)(2)(iii)				<input type="checkbox"/> 50.73(a)(2)(ix)						
LICENSEE CONTACT FOR THIS LER (12)																
NAME Arne A. Hunstad, Staff Engineer										TELEPHONE NUMBER						
										AREA CODE 6 1 2 3 8 8 - 1 1 2 1						
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC						
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)												<input checked="" type="checkbox"/> NO				

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

During maintenance at refueling shutdown, a spurious Safety Injection was actuated on one train. Administrative Controls were tightened.

8502260073 850215
PDR ADOCK 05000282
S PDR

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1) Prairie Island Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 2 8 2	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 5	— 0 0 4	— 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

On January 18th, Unit 1 was in refueling shutdown; the scheduled 10 year inspection, many plant modifications and maintenance activities were in progress.

During maintenance in an instrument control rack (RK) and on reactor trip breakers (BKR), conditions were satisfied that produced a spurious safety injection signal on one train. Safeguards equipment functioned as expected for the plant condition; the major equipment affected were No. 12 Diesel Cooling Water Pump (P) and D1 Diesel Generator (DG), which started.

This type of event was postulated when planning the work, but the administrative controls instituted to prevent the event were not adequate. Immediate corrective action was establishment of further controls to prevent recurrence during this shutdown. Further corrective actions designed to prevent recurrence in the long term are being formulated.



Northern States Power Company

414 Nicollet Mall
Minneapolis, Minnesota 55401
Telephone (612) 330-5500

February 15, 1985

U S Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket No. 50-282 License No. DPR-42

Safety Injection Inadvertently Actuated at
Refueling Shutdown

The License Event Report for this occurrence is attached.

This event was reported via Emergency Notification System per 10 CFR Part 72
on January 18, 1985.

Eugene Eckholt
for David Musolf
Manager - Nuclear Support Services

DMM/EFE/dab

c: Regional Administrator-III, NRC
NRR Project Manager, NRC
Resident Inspector, NRC
MPCA
Attn: J W Ferman

Attachment

IE22
11