LICENSEE EVENT REPORT (LER)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
Prairie Island Unit 1	0 5 0 0 0 2 8 2	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 5 0 0 0 0
0 1	1 8	8 5	8 5	0 0 4	0 0	0 2	1 5	8 5		0 5 0 0 0 0

OPERATING MODE (9)	N
POWER LEVEL (10)	0 0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)

20.402(b)	20.405(c)	X 50.73(a)(2)(iv)	73.71(b)
20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
20.405(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
20.405(a)(1)(iii)	50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
20.405(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
20.405(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER	
	AREA CODE	
Arne A. Hunstad, Staff Engineer	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	MANUFAC- TURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFAC- TURER	REPORTABLE TO NPRDS	

SUPPLEMENTAL REPORT EXPECTED (14)		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)	X 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.

NRC Form 366A
(9-83)

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

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

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
1/1