NRC FORM 366
(12-81)

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

APPROVED BY OMB
3150-0011
EXPIRES 4-30-82

CONTROL BLOCK: ☐☐☐☐☐☐ ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1	P A S E S 1	②	0 0 - 0 0 0 0 0 - 0 0	③	4 1 1 1 1	④		⑤
	LICENSEE CODE		LICENSE NUMBER		LICENSE TYPE		CAT	

CON'T 0 1	REPORT SOURCE L	⑥	0 5 0 0 0 3 8 7	⑦	1 2 2 2 8 2	⑧	0 1 0 5 8 3	⑨
			DOCKET NUMBER		EVENT DATE		REPORT DATE	

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

0 2 While performing the Loss of Offsite Power Startup Test, the Standby Gas
0 3 Treatment System did not operate as designed. The lead train failed to start
0 4 when a false high radiation signal was received from the discharge monitor.
0 5 The system then transferred to the standby train. This train started but
0 6 tripped off when the proper delta temperature was not achieved. This is re-
0 7 portable per 6.9.1.8.3. No adverse consequences resulted from the incident.
0 8

	SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE		COMP. SUBCODE		VALVE SUBCODE	
0 9	S C	⑪	B	⑫	A	⑬	Z Z Z Z Z Z	⑭	Z	⑮	Z	⑯

⑰ LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 2	—	0 6 2	/	0 1	T	—	0

ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS ㉒	ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER ㉖
F	⑱	Z	⑲	Z	⑳	Z	㉑	0 0 0 0	Y	㉓	N	㉔	Z	㉕	Z 9 9 9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ㉗

1 0 The false high radiation signal was the result of the monitor failing high, on
1 1 a loss of power. The high radiation transfer was deleted from the SGTS logic.
1 2 The standby train delta temperature trip signal was investigated but could not
1 3 be reproduced. The system was tested, operated as designed, and returned to
1 4 service.

	FACILITY STATUS		% POWER		OTHER STATUS ㉚	METHOD OF DISCOVERY		DISCOVERY DESCRIPTION ㉜
1 5	B	㉘	0 0 0	㉙	n/a	C	㉛	Loss of Offsite Power Test

	ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY ㉟	LOCATION OF RELEASE ㊱
1 6	Z	㉝	Z	㉞	n/a	n/a

PERSONNEL EXPOSURES

	NUMBER		TYPE		DESCRIPTION ㊴
1 7	0 0 0	㊲	Z	㊳	n/a

PERSONNEL INJURIES

	NUMBER		DESCRIPTION ㊶
1 8	0 0 0	㊵	n/a

LOSS OF OR DAMAGE TO FACILITY ㊸

	TYPE		DESCRIPTION
1 9	Z	㊷	n/a

PUBLICITY

	ISSUED		DESCRIPTION ㊺	NRC USE ONLY
2 0	N	㊹	n/a	☐☐☐☐☐☐☐☐☐☐☐☐

NAME OF PREPARER D.G. Mitchell PHONE: (717) 542-2181 X524

Attachment

Licensee Event Report 82-062/01T-0

During performance of the Loss of Offsite Power Test, the Standby Gas Treatment System was to have initiated and operated as designed. However, the SGTS failed to operate for the following reasons. The lead train did not start because of a high radiation signal which transferred operation to the standby train. The false high radiation signal was the result of the monitor drifting high upon loss of power. This transfer function has been deleted from the SGTS logic. The standby train started, but did not continue to operate after the delta temperature requirement was not met, which tripped off that train. The delta temperature trip prevents operation of the standby train if the necessary inlet temperature is not reached within the required time. This trip function was checked out, and retested. The delta temperature trip did not actuate during the retests. The SGTS was retested, operated properly, and was returned to service.

During this event there were no adverse consequences because the reactor was shutdown and there were no abnormal releases to the secondary containment.

DGM/cw