0-77

LICENSEE EVENT REPORT

Unit 1

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

0 1	T N S N P 1 (2)	0 0 - 0 0 0 0 0 - 0 0 (3)	4 1 1 1 1 (4)	(5)
7 8	9 LICENSEE CODE 14	15 LICENSE NUMBER 25	26 LICENSE TYPE 30	57 CAT 58

CON'T

0 1	REPORT SOURCE L (6)	0 5 0 0 0 3 2 7 (7)	0 4 0 7 8 2 (8)	0 4 2 1 8 2 (9)
7 8	60 61	DOCKET NUMBER 68	69 EVENT DATE 74	75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 With unit 1 at 100% RTP and unit 2 in mode 5, Westinghouse notified all operating

0 3 plants that recent qualification tests in post accident high energy line break envi

0 4 ment have indicated that the reactor coolant system wide range pressure channels

0 5 exhibit ambiguities in their accuracy which could result in inappropriate operator

0 6 actions. The reactor coolant system wide range pressure channels are utilized for

0 7 post accident monitoring and termination of safety injection. There was no effect

0 8 upon public health or safety. Previous occurrences - none.

0 9	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
	I E (11)	B (12)	A (13)	I N S T R U (14)	S (15)	Z (16)

(17) LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
8 2	—	0 4 3	/	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
G (18)	X (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	N (24)	L (25)	B 0 8

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 TVA performed a safety evaluation which was completed on 04/09/82 and included shor

1 1 term corrective actions. Per this evaluation, operating procedures have been revis

1 2 to allow use of pressurizer pressure instrumentation. This short term action will b

1 3 followed until Westinghouse issues the permanent corrective actions.

1 4

1 5	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
	E (28)	1 0 0 (29)	NA	D (31)	Notification from Westinghouse

1 6	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
	Z (33)	Z (34)	NA	NA

PERSONNEL EXPOSURES

1 7	NUMBER	TYPE	DESCRIPTION (39)
	0 0 0 (37)	Z (38)	NA

PERSONNEL INJURIES

1 8	NUMBER	DESCRIPTION (41)
	0 0 0 (40)	NA

LOSS OF OR DAMAGE TO FACILITY (43)

1 9	TYPE	DESCRIPTION
	Z (42)	NA

PUBLICITY

2 0	ISSUED	DESCRIPTION (45)	NRC USE ONLY
	N (44)	NA	

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Name of Preparer G. B. Kirk /M. R. Harding Phone (615) 751-0349

LER SUPPLEMENTAL INFORMATION

SQRO-50-327/82043 Technical Specification Involved: 3.3.3.7

Reported Under Technical Specification: 6.9.1.12.i

Date of Occurrence: 04/07/82 Time of Occurrence: 1500 CST

Identification and Description of Occurrence:

Westinghouse notified all operating plants that recent qualification tests in post accident high energy line break environment have indicated that the reactor coolant system wide range pressure channels exhibit ambiguities in their accuracy which could result in inappropriate operator actions. Unit 1 RCS wide range pressure channels are 1-PT-68-66 and 68. Unit 2 wide range pressure channels are 2-PT-68-66, 68, and 69.

Conditions Prior to Occurrence:

Unit 1 at 100% RTP. Unit 2 in mode 5.

Apparent Cause of Occurrence:

Until Westinghouse issues a final report, no cause can be determined.

Analysis of Occurrence:

The reactor coolant system wide range pressure channels are utilized for post accident monitoring and termination of safety injection. The new Westinghouse analysis indicates instrument errors of greater than 10% could occur, which is considerably higher than the 4 to 5 percent calculated during original design.

Corrective Action:

A safety evaluation was performed by TVA and short term corrective actions were included. Per this evaluation, Emergency Operation Instructions have been revised to allow use of pressurizer pressure instruments PT-68-340A, 334, 323, and 322 in lieu of the RCS wide range instruments. These short term corrective actions will be followed until Westinghouse issues a permanent fix.

Failure Data:

None.