(7 77)

LICENSEE EVENT REPORT

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

0	1	V A S P S 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 2 8 0 (7)	1 1 0 8 7 8 (8)	0 2 0 2 7 9 (9)
7	8	60	61 DOCKET NUMBER 68	69 EVENT DATE 74	75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | Upon review of operational data it was determined that the quarterly calibration of

0 3 | the Nuclear Power Range instrumentation had not been performed as scheduled. This

0 4 | is contrary to Technical Specifications 4.1A and is reported as per Technical Speci-

0 5 | fications 6.6.2.b.3.

0 6 |

0 7 |

0 8 |

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

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	7 8	—	0 3 8	/	0 3	X	—	1
	21 22	23	24 26	27	28 29	30	31	32

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
E (18)	H (19)	B (20)	Z (21)	0 0 ? 1	Y (23)	N (24)	N (25)	W 1 2 0 (26)
33	34	35	36	37 40	41	42	43	44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | This event resulted from a scheduling error. Reactor power was reduced as required

1 1 | by Technical Specification 3.18.B and the calibration completed in accordance with

1 2 | existing procedures.

1 3 |

1 4 |

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
1 5	E (28)	1 0 0 (29)	NA	C (31)	Engineers observation

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

PERSONNEL EXPOSURES

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

PERSONNEL INJURIES

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

LOSS OF OR DAMAGE TO FACILITY (43)

	TYPE	DESCRIPTION
1 9	Z (42)	NA

PUBLICITY

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

7902060329

NAME OF PREPARER T. L. Baucom PHONE: 804-357-3184

GPO 917-926

Surry Power Station, Unit 1
Docket No: 50-280
Report No: 78-038/03X-1
Event Date: 11-08-78

Title of Report: Incore/Excore Instrument Calibration

1. Description of Event:

Upon review of operational data, it was determined that the quarterly calibration of the nuclear power range instrumentation by means of the movable incore detector system had not been performed as scheduled. This is contrary to Technical Specifications 4.1.A and is reportable as per Technical Specifications 6.6.2.b.3.

2. Probable Consequences and Status of Redundant Systems:

The Nuclear Power Range instrumentation is calibrated on a daily basis against a heat balance standard. The upper and lower ion chamber currents are recalibrated quarterly to assure valid function of those protective features using F (Δ I) as an input value. This calibration is checked on a monthly basis and was within 1% on the map taken 10-17-78. Therefore, the health and safety of the general public were not affected.

3. Cause:

This event was caused by failure to adequately schedule the PT that tracks the core exposure.

4. Immediate Corrective Action:

As required by Technical Specifications 3.18.B, the unit's power was reduced and limited to 90% power. The data required for the excore detector recalibration was taken.

5. Subsequent Corrective Action

Initial analysis of the data indicated that the existing Incore/Excore detector calibration was within 1%, which is well within the required specifications. The unit was returned to full power. Detailed analysis of the maps provided the data for completion of the recalibration procedures.

6. Actions Taken to Prevent Recurrence:

Personnel have been reinstructed and schedule modified to provide for closer tracking of core exposure on a weekly rather than monthly basis.

7. Generic Implications:

None.