

LICENSEE EVENT REPORT

CONTROL BLOCK: \_\_\_\_\_ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	V	A	S	P	S	2	0	0	0	-	0	0	0	0	0	0	0	0	0	0	4	1	1	1	1	5
7	8	9	14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	57	CAT	58		

0	1	L	0	5	0	0	0	2	8	1	0	8	2	0	8	0	0	9	1	9	8	0	
7	8	60	61	DOCKET NUMBER					68	69	EVENT DATE					74	75	REPORT DATE					80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

0 2 | During start up operation of Unit #2 at 18% power, control room surveillance revealed

0 3 | a zero reading from main steam flow transmitter (FT-2495). Channel 4 high steam flow

0 4 | Bi-stables were set to the trip position. This is a degraded mode of operation as

0 5 | specified in T.S.3.7.A and is reportable by T.S.6.6.2 b 1. The health and safety of the

0 6 | public was not affected.

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0 8 | \_\_\_\_\_

0	9	H	B	E	E	I	N	S	T	R	U	0	3	L	0														
7	8	9	10	11	12	13	18	19	20	COMP. SUBCODE		VALVE SUBCODE		REVISION NO.															
17	LER/RO REPORT NUMBER		EVENT YEAR		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE		OCCURRENCE CODE		REPORT TYPE		REVISION NO.														
21	22	23	24	25	26	27	28	29	30	31	32	ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
33	34	35	36	37	40	41	42	43	44	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

1 0 | The equalizing valve for FT-2495 was not fully closed, preventing proper operation of

1 1 | the transmitter. The immediate corrective action was to place the associated Bi-stables

1 2 | to the trip position. The equalizing valve was closed and the transmitter returned to

1 3 | service.

1 4 | \_\_\_\_\_

1	5	C	0	1	8	NA	A	Operator Surveillance
7	8	9	10	11	12	13	14	15
1	6	Z	Z	NA	NA	LOCATION OF RELEASE		
7	8	9	10	11	12	13	14	15
1	7	0	0	0	Z	NA	PERSONNEL EXPOSURES	
7	8	9	10	11	12	13	14	15
1	8	0	0	0	NA	PERSONNEL INJURIES		
7	8	9	10	11	12	13	14	15
1	9	Z	NA			LOSS OF OR DAMAGE TO FACILITY		
7	8	9	10	11	12	13	14	15
2	0	N	NA			ISSUED DESCRIPTION		
7	8	9	10	11	12	13	14	15

8009240 470

NAME OF PREPARER L. Wilson

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ATTACHMENT 1  
SURRY POWER STATION, UNIT 2  
DOCKET NO: 50-281  
REPORT NO: 80-017/03L-0  
EVENT DATE: 08-20-80

TITLE OF REPORT                    FLOW TRANSMITTER (FT-2495) FAILURE

1. Description of Event:

During startup operation with Unit #2 at 18% power, control room surveillance revealed a zero reading on main steam flow indicator (FI-2495) powered from main steam flow transmitter (FT-2495). This is a degraded mode of operation as permitted by T.S.3.7.A and is reportable in accordance with T.S.6.6.2.b(1).

2. Probable Consequences and Status of Redundant System:

With this transmitter not fully functional, there was no steam line flow indication for one of the two channels that monitor and provide steam line break protection for "C" Steam Generator. The redundant steam line flow transmitter for this Steam Generator was still available to provide the required control and protection signals. In addition other diverse protection signals were available to mitigate the consequences of the main steam pipe rupture. Therefore the health and safety of the public were not affected.

3. Cause:

Flow transmitter FT-2495 failed to function because the equalizing valve for the transmitter was not fully closed, thereby preventing proper operation of the transmitter.

4. Immediate Corrective Action:

The immediate corrective action was to place channel 4 high steam flow and channel 4 steam flow greater than feed flow Bi-stable switches to the trip mode.

5. Subsequent Corrective Action:

The subsequent corrective action was to fully close the equalizing valve for the transmitter.

6. Actions Taken to Prevent Recurrence:

No additional actions were deemed necessary.

7. Generic Implications:

None.