LICENSEE EVENT REPORT

	LIGHTOLE EVENT HELOIT
	CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
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CON'T 0 1 7 8	REPORT L 6 0 5 0 0 0 2 8 0 7 1 2 0 7 7 9 8 1 2 2 1 7 9 9 EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10 During a recent analysis, a non-conservative feature was found that is contrary to an
0 3	
0 4	the air ejectors of Units 1 & 2, trip valves divert air to the Containment. A CLS Hi
0 5	signal will close the Containment valve. If the CLS Hi signal is reset and a radiation
0 6	alarm is still present, the valve will reopen without operator action. The CLS Hi signal
0 7	is not reset until the Containment is sub-atmospheric. If a radiation alarm is present,
0 8	a release into the Containment will not affect the health & safety of the public. 80 SYSTEM CAUSE CAUSE COMP. VALVE
0 9 7 8	CODE SUBCODE COMPONENT CODE SUBCODE SUBCODE SUBCODE SUBCODE SUBCODE SUBCODE SUBCO
•	LER/RO REPORT VEAR REPORT NO. 17 REPORT VOMBER $\begin{bmatrix} 7 & 9 \\ 21 & 22 \end{bmatrix}$ 23 $\begin{bmatrix} 0 & 3 & 4 \\ 24 & 26 \end{bmatrix}$ ACTION FUTURE ON PLANT SHUTDOWN HOURS 22 ATTACHMENT FORM SUB. PRIME COMP. COMPONENT MANUFACTURER F 18 F 19 Z 20 Z 21 O O O O O Y 23 N 24 A 25 SUBMITTED FORM SUB. CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
1 0	Since the valve operates as designed, the discrepancy in valve operation was caused by
11	a design not in accordance with the FSAR. A detailed analysis has been initiated
1 2	to provide for the conservative operation of TV-SV-102, 202 following the resetting of
1 3	the CLS Hi signal.
1 4	
1 5 7 8 9	ACILITY SPOWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32 DISCO
	LEASED OF RELEASE AMOUNT OF ACTIVITY 35 Z 33 Z 34 NA LOCATION OF RELEASE 36 PERSONNEL EXPOSURES AMOUNT OF ACTIVITY 35 NA LOCATION OF RELEASE 36 NA 80
7 8 9	NUMBER TYPE DESCRIPTION (39) 0 0 0 37 Z 38 NA
18	NUMBER DESCRIPTION (41) NA
7 8 9 L T T T T T T T T T T T T T T T T T T	Coss of OR DAMAGE TO FACILITY 43 TYPE DESCRIPTION Z 42 NA 3 10
2 0 IS	PUBLICITY SSUED DESCRIPTION 45 NA 10 NRC USE ONLY

ATTACHMENT: Page 1 of 2 SURRY POWER STATION, UNIT 1

DOCKET NO: 50-280

REPORT NO: 79-034/01T-0 EVENT DATE: 12/7/79

TITLE OF EVENT: Discrepancy in Air Ejector Trip Valve Operation (TV-SV-102)

1. DESCRIPTION OF EVENT:

During a recent analysis, a non-conservative feature was found that is contrary to an FSAR commitment. The unreviewed safety question concerned a discrepancy in the operation of a Containment Isolation valve. This event is reportable in accordance with Technical Specification 6.6.2.a.9.

2. PROBABLE CONSEQUENCES/STATUS OF REDUNDANT SYSTEMS:

The analysis revealed that when a radiation alarm setpoint is reached in the discharge line of the air ejectors of Units 1 and 2, trip valves divert air to the containment. A CLS Hi signal will close the containment valve. If the CLS Hi signal is reset and a radiation alarm is still present, the valve will reopen without the operator taking manual action. However, the CLS Hi signal is not reset until the containment is sub-atmospheric. Therefore, if a radiation alarm is present, a release into containment will not affect the health and safety of the public.

3. CAUSE:

The non-conservative feature of the trip valve control system was caused by a design that was not in accordance with the FSAR.

4. IMMEDIATE CORRECTIVE ACTIONS:

Upon the discovery of the discrepancy in the trip valve operation, administrative guidelines were initiated to insure that prior to the resetting of the CLS Hi signal, the air supply to TV-SV-102 would be isolated to prevent the valve from reopening without operator action. Appropriate action will be taken on TV-SV-202 prior to unit startup.

5. SCHEDULED CORRECTIVE ACTION:

A detailed analysis has been initiated to provide for the conservative operation of TV-SV-102, 202 following the resetting of the CLS Hi signal.

6. ACTION TAKEN TO PREVENT RECURRENCE:

Administrative action was taken to prevent the opening of the valve following the removal of the CLS Hi signal to conform to the FSAR commitment. An analysis has been initiated to insure that the valve functions in a conservative manner.

GENERIC IMPLICATIONS:

This event was identified at North Anna and found to be applicable at Surry.