

# LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	V	A	S	P	S	1	2	0	0	-	0	0	0	0	-	0	0	3	4	1	1	1	0	4			5
7	8	LICENSEE CODE						14	LICENSE NUMBER										25	LICENSE TYPE					30	57	CAT	58

## REPORT

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

### EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | On 6/21/79, Westinghouse notified Veeco of a non-conservatism in the accident analysis.

0 3 | Specifically, the increase in steam generator reference leg temperature resultant from

0 4 | a rise in containment temperature was not properly accounted for. Consequently,

0 5 | safeguards actuation may be delayed after a high energy line break. This event is

0 6 | reportable as per Technical Specifications 6.6.2.a.8. The health and safety of the

0 7 | general public were not affected.

0 8 |

7 8 9 80

0 9		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE						COMP. SUBCODE		VALVE SUBCODE	
7	8	C	H	11	B	12	A	13	I	N	S	T	R	U	14	15	16
17		LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		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									
X	X	Z	Z	0 0 0 0	Y	N	N	W 1 2 0									
33	34	35	36	37	40	41	42	43	44	47							

### CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

Unit 1 is at cold shutdown, Unit 2 is defueled. The event was caused by a deficiency in the accident analysis. The corrective action is being evaluated by Westinghouse and Vepco and will be reported in a later revision to this report. Any required corrective action will be completed prior to returning either unit to service. Westinghouse has submitted a 10CFR21 Report.

[illegible]

ACTIVITY CONTENT  
RELEASED OF RELEASE

1 6 33 Z 34 NA

7 8 9 10 11 44

AMOUNT OF ACTIVITY (35)

LOCATION OF RELEASE (36)

NA

45 80

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

7	8	9	11	12	13	80
PERSONNEL INJURIES						
NUMBER		DESCRIPTION		(41)		

7 8 9 11 12 NA 80

LOSS OF OR DAMAGE TO FACILITY (43) 2007-000000

TYPE		DESCRIPTION	
1	9	Z	42 NA

7 8 9 10 80

1701090380

PUBLICITY		ISSUED		DESCRIPTION		45		NRC USE ONLY											
2	0	N	44	NA															

NAME OF PREPARER W. L. Stewart

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028-716 045

Surry Power Station, Unit 1  
Docket No: 50-280  
Report No: 79-022/01T-0  
Event Date: 06-21-79

Attachment Page 1 of 1

Title of Report: Non-Conservatism in Accident Analysis

1. Description of Event:

On 6-21-79, Westinghouse notified VEPCO of a non-conservatism in the accident analysis. Specifically, the potential increase in the steam generator reference leg temperature resultant from a rise in containment temperature was not properly accounted for in the analysis. The increased reference leg water temperature will result in a decrease of the water column density which gives an apparent increase in steam generator level. This event is reportable as per Technical Specifications 6.6.2.a.8.

2. Probable Consequences and Status of Redundant Systems:

This potential level bias could result in delayed protection signals which are based on Low-Low steam generator water level. Backup signals were available from the Overtemperature Delta T, pressurizer pressure, containment pressure and safety injection systems. Therefore, the health and safety of the general public were not affected.

3. Cause:

This event was caused by the identification of a deficiency in the accident analysis for High Energy Line Break.

4. Immediate Corrective Action:

The corrective action is being evaluated by Westinghouse and VEPCO. Westinghouse has prepared and submitted a 10 CFR 21 review. Any required corrective action will be completed prior to returning either unit to service.

5. Subsequent Corrective Action:

Unknown at this time.

6. Actions Taken to Prevent Recurrence:

Unknown at this time.

7. Generic Implications:

This error may be generic to Westinghouse PWR's.