

CONTROL BLOCK: 

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 (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'TEVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0	7
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08

0	9
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CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1	4
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PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37) Z (38) NA (39)				
7	8	9	11	12	13				

		LOSS OF OR DAMAGE TO FACILITY		
		TYPE	DESCRIPTION	
1	9	Z	(42) NA	(43)

2		0		N		44		NA		7907090285										NRC USE ONLY																																																					
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

NRC USE ONLY

7907090285

0-879-0360-0

Virginia Electric and Power Company  
North Anna Power Station, Unit #1  
Docket No. 50-338  
Report No. LER 79-083/OIT-0

Attachment: Page 1 of 1

#### Description of Event

On 6/21/79, Westinghouse informed Vepco that if high energy line breaks occurred within the containment, causing containment temperature to increase, heatup of the steam generator level reference legs would result. This heatup would cause steam generator level indication to be higher than actually exists, possibly delaying the protection signals that are initiated by a low-low steam generator level. This event is reportable per T.S. 6.9.1.8.i.

#### Probable Consequences of Occurrence

Comment 6.105 of the FSAR, which analyzes a main steamline break (similar to a main feedline break), shows that if a rupture in a main feedline should occur, safety injection, reactor trip and auxiliary feedwater actuation will be initiated by a containment high pressure signal before any significant error in steam generator level indication could occur due to reference leg heatup, therefore the health and safety of the general public were not jeopardized. Unit 2 has the same design and is similarly affected.

#### Cause of Occurrence

The cause of this occurrence is that the heatup of steam generator level reference legs following a main feedline break within containment was not taken into account during the previous analyses by Westinghouse.

#### Immediate Corrective Action

Westinghouse has provided the necessary data to determine reference leg heatup effects following a high energy line rupture. Station operating personnel will be made aware of this problem.

#### Scheduled Corrective Action

Further discussions with Westinghouse are required to determine future corrective actions.

#### Action Taken to Prevent Recurrence

No further action required.

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