U. S. NUCLEAR REGULATORY COMMISSION NRC FORM 366 (7.77) LICENSEE EVENT REPORT JO. (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) CONTROL BLOCK: S AINIAI (2)0 1 LICENSE NUMBER LICENSEE CODE CON'T REPORT 4 9 (8) 1 0 1 SOURCE DOCKET NUMBER EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) On September 14, 1979, during Mode 1 operation, the temperature of the "B" steam 0 2 generator support was less than the Technical Specification limit of 225°F. Since 03 the temperature of the support was restored to greater than 225°F within the time 014 limit allowed by the ACTION statement, the health and safety of the general public 0 5 were not jeopardized. This event is contrary to T.S. 3.4.10.2.a and reportable 0 6 pursuant to T.S. 6.9.1.9.b. 0 7 0 8 COMP VALVE SYSTEM CAUSE CAUSE COMPONENT CODE SUBCODE Z (15 Z| Z| Z| Z | (16) A | A | (11) A (13) Z 71 (14) A (12) 0 9 REVISION OCCURRENCE REPORT SEQUENTIAL CODE TYPE NO REPORT NO EVENT YEAR LER/RO 7 0 01 1 11 18 13 L 19 REPORT 32 NUMBER PRIME COMP COMPONENT NPRD-4 SHUTDOWN ATTACHMENT SUBMITTED ACTION FUTURE TAKEN ACTION EFFECT ON PLANT HOURS (22) SUPPLIER FORMSUB LN 19 19 10 10 10 Z](21) 1Y Z 25 U 19 24 Z X (18) C (19 (23) Ζ CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27 The support heaters were being operated in manual due to problems with the control 1 0 system. Operating personnel failed to recognize the low support temperature until 1 1 the low limit was exceeded. All the steam generator support heaters were immedia-1 2 tely energized to increase the temperature above 225°F. 1 3 1 4 80 9 METHOD OF DISCOVERY FACILITY (30) DISCOVERY DESCRIPTION (32) OTHER STATUS % POWER Operator Observation E (28) 10 13 14 NA A (31) (29) 5 80 44 ACTIVITY CONTENT LOCATION OF RELEASE (36) AMOUNT OF ACTIVITY (35) RELEASED OF RELEASE NA ZI Z (34) NA 6 80 10 11 PERSONNEL EXPOSURES 44 DESCRIPTION (39) NUMBER TYPE 0 0 0 0 (37) Z NA (38)80 PERSONNEL INJURIES DESCRIPTION (41 NUMBER NA 0 0 0 0 40 1168 150 80 11 LOSS OF OR DAMAGE TO FACILITY (43) Z (42) NA 9 PUBLICITY 7910160 496 NRC USE ONLY DESCRIPTION (45 NA N (44 6.9 68 80 703-894-5151 W. R. Cartwright PHONE NAME OF PREPARER ...

Attachment: Page 1 of 1

Virginia Electric and Power Company North Anna Power Station, Unit #1 Docket No. 50-338 Report No. LER 79-118/03L-0

Description of Event

On September 14, 1979, during steady state operation at 34% power, the temperature of the "B" steam generator support decreased below the Technical Specification limit of 225°F.

Probable Consequences of Occurrence

The consequences of this event were minimal because the steam generator support temperature was returned to greater than 255°F within the 4 hour time limit allowed by the ACTION statement. As a result, the public health and safety were not affected by this event.

Cause

The support heaters were being operated in manual due to problems with the RTD's which provide feedback to the control system. Operating personnel failed to recognize the low support temperature until the low limit was exceeded.

Immediate Corrective Action

All the steam generator support heaters were immediately energized to increase the temperature above 225°F.

Scheduled Corrective Action

A design change will be implemented during the current refueling outage to replace the defective RTD's if material becomes available. Otherwise, maintenance will repair the existing system.

Actions Taken to Prevent Recurrence

Operations personnel were reminded to check for trends while taking logs.