LICENSEE EVENT REPORT . TROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) V A S P S 2 2 0 0 - 0 0 0 0 - 0 0 3 4 1 1 1 1 1 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 5 011 5 CONT 0 5 0 0 0 0 2 8 1 0 0 5 1 1 7 8 3 8 0 16 0 3 8 3 REPORT 3 1 1 10 (6) SOURCE DOCKET NUMBER EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) With Unit No. 2 at 100% power, PT-27D revealed that amp readings for heat tracing 312 Panels 8, circuit 13C was below the acceptance criteria stipulated in the PT. This 0 3 event is contrary to T.S.3.3.A.4 and is reportable per T.S.6.6.2.b.(2). The 0 4 redundant heat tracing circuits were operable, therefore, the health and safety of 0 1 5 the public were not affected. 0 6 0 7 BIC CODE CAUSE CAUSE SUBCODE CODE COMPONENT CODE SUBCODE 0 9 S | H | (11 E (13) (12) B F ۵ TE (14 (16) H R SEQUENTIAL OCCURRENCE REVISION LERIRO EVENT YEAR REPORT NO. CODE NO. (17 REPORT 8 13 0 2 4 0 0 NUMBER COMPONEN? TAKEN ACTION SUBMITTED PRIME COMP METHOD HOURS 2 FORM SUE SUPPLIER MANUFACTURER YE (18) F Z (20 N 24 C Z 21 0 1010 1185 00 L (25) (26) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) The loss of heat tracing was due to excessive heat. The defective heat tracing was 1 0 replaced and tested. A design change has been prepared to change the manner by 1 1 1 which these borated lines are heat traced. Installation of this design change has 1 12 commenced. 13 114 4 METHOD OF (30) OTHER STATUS DISCOVERY DESCRIPTION (32) S POWER E 28 1 0 0 (29 (31) 15 B N/A Periodic ACTIVITY 10 20 CONTENT AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36) OF RELEASE 33 N/A 6 34 N/A PERSONNEL EXPOSURES DESCRIPTION (39) NUMBER 01 0 Z N/A 37 80 PERSONNEL INJURIES DESCRIPTION (41) NUMBER 0 0 0 40 N/A 18 12 80 CSS OF OR DAMAGE TO FACILITY (43) 8306100186 830603 PDR ADOCK 05000281 YPE DESCRIPTION Z (42 19 N/A PDR 0 80 PUBLICITY NRC USE ONLY DESCRIPTION (45) SSUED N 1(44 N/A 1111111 6.0 68 80 (804) 357-3184 VAME OF POEPLEED J. L. Wilson PHONE ..

ATTACHMENT 1 SURRY POWER STATION, UNIT NO. 2 DOCKET NO: 50-281 REPORT NO: 83-024/03L-0 EVENT DATE: 05-17-83

TITLE OF THE EVENT: HEAT TRACING FAILURE

1. Description of the Event

With Unit No. 2 at 100% power, PT-27D revealed that the amp readings for heat tracing panel 8, circuit 13C (BIT recirc. to "C" BAST) was below the acceptance criteria stipulated in the PT. This event is contrary to Technical Specification 3.3.A.4 and is reportable per Technical Specification 6.6.2.b.(2).

2. Probable Consequences and Status of Redundant Equipment

The heat tracing circuits are intended to maintain a fluid temperature above that needed for flow. The redundant heat tracing circuits were operable, therefore, the health and safety of the public were not affected.

3. Cause

The loss of heat tracing was due to excessive heat.

4. Immediate Corrective Action

The immediate corrective action was to verify that the redundant circuits were operable.

5. Subsequent Corrective Action

The defective heat tracing tape was replaced and tested within the time span specified by Technical Specifications.

6. Action Taken to Prevent Recurrence

No additional actions were deemed necessary.

7. Generic Implications

A task force has reviewed the total spectrum of the heat tracing system and a Design Change has been prepared as a result of the Task Force Study. The Design Change has been completed on Unit 1 CVCS. Unit 2 CVCS will be completed during the forthcoming refueling outage.

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VIRGINIA ELECTRIC AND POWER COMPANY Surry Power Station P. O. Box 315 Surry, Virginia 23883 Serial No: 83-041 Docket No: 50-281 License No: DPR-37

Mr. James P. O'Reilly Regional Administrator Suite 2900 101 Marietta Street, NW Atlanta, Georgia 30303

Dear Mr. O'Reilly

Pursuant to Surry Power Station Technical Specifications, the Virginia Electric and Power Company hereby submits the following Licensee Event Report for Surry Unit 2.

Report Number

Applicable Technical Specification

83-024/03L-0

T. S. 6.6.2.b(2)

This report has been reviewed by the Station Nuclear Safety and Operating Committee and will be reviewed by Safety Evaluation and Control.

Very truly yours,

J. L. Wilson Station Manager

Enclosure

cc: Document Control Desk, USNRC 016 Phillips Bldg. Washington, D. C. 20555

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