NRC FORM 366 U. S. NUCLEAR REGULATORY COMMISSION (7.77) LICENSEE EVENT REPORT 10 CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) 0 0 - 0 0 0 0 0 - 0 0 3 4 1 UCENSE NUMBER 25 26 L 5 SPS 101 10 11 11 0 1 V 1 LICENSEE COOF CONT REPORT 1 0 11 7 81 0 1 5 0 0 0 2 8 0 7 0 9 1 7 8 3 3 (9) (8) 101 (6) SOURCE EVENT DATE REPORT DATE DOCKET NUMBER EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) With the unit at 100% power, 1-SW-P-10A developed low discharged pressure (9-10 psig) 0 2 which caused the 1-SW-P-10B to auto-start. This is contrary to T.S.-3.3.A.8.B and 0 3 is reportable per T.S.-6.6.2.b.(2). The redundant pump remained operable, 0 4 therefore, the health and safety of the public were not affected. 0 5 0 6 0 7 0 8 SYSTEM CAUSE CAUSE COMP VALVE CODE SUBCODE COMPONENT CODE SUBCODE WIA Z (13) B | (15 X (12) 0 9 (11 TI L TI E R (14 21 (15 12 18 19 SEQUENTIAL OCCURRENCE REVISION REPORT LER/RO REPORT EVENT YEAR REPORT NO. CODE TYPE NO. 8 01 4 2 01 3 L 0 NUMBER 22 26 27 28 30 11 77 PRIME COMP. ACTION EFFECT ON PLANT SUBMITTED NPRO-4 ACTION RE SH COMPONENT METHOD 22 HOURS MANUFACTURER Z Z 10 10 IZ (21 23 0 18 19 (20 Y N (24) A (25) 10 5 26 26 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27 101 The low discharge pressure was due to a clogged suction strainer. The etrainer cleaned and 1-SW-P-10A returned to service. 1 1 1 1 3 1 4 4 80 FACILITY METHOD OF (30) \* POWER OTHER STATUS (32) DISCOVERY DESCRIPTION 28 E 01 15 0 (29 N (31 Annunc ACTIVITY 10 80 CONTENT AMOUNT OF ACTIVITY (35) RELEASED OF RELEASE LOCATION OF RELEASE (36) Z 34 (33) 1 6 Z N N 10 80 PERSONNEL EXPOSURES DESCRIPTION (39) NUMBER 0 38) 1 7 0 10 N/A 80 PERSONNEL INJURIES DESCRIPTION (41 NUMBER 0 0 10 13 40 N/A 80 OSS OF OR DAMAGE TO FACILITY (43 TYPE DESCRIPTION Z (42) 0 N/A 10 80 PUBLICITY NRC USE ONLY DESCRIPTION (45 8311010269 831017 SSUED EDGA PDR ADOCK 05000280 N 0 111111 S FDR 10 68 5.0 80 1822 NAME OF PREPARES \_ J. L. Wilson PUCNE (804) 357-3184

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VIRGINIA ELECTRIC AND POWER COMPANY Surry Power Station P. O. Box 315 Surry, Virginia 23883 Serial No: 83-071 Docket No: 50-280

License No: DPR-32

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 1.

Report Number

Applicable Technical Specification

83-042/03L-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,

W tation Manager

Enclosure

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

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ATTACHMENT 1 SURRY POWER STATION, UNIT NO. 1 DOCKET NO: 50-280 REPORT NO: 83-042/03L-0 EVENT DATE: 09-17-83

TITLE OF THE EVENT: 1-SW-P-10A DIRTY STRAINER

## 1. Description of the Event

With the unit at full power, charging pump service water pump 1-SW-P-10A developed Low Discharge Pressure (< 10 psi). The redundant pump 1-SW-P-10B auto-started and sufficient header pressure was established. This event is contrary to T.S.3.3.A.8.B and is reportable per T.S.6.6.2.B.(2).

## 2. Probable Consequences and Status of Redundant Equipment

The charging pump service water pump supply water to the charging pump intermediate coolers and the lube oil coolers. During the event, the redundant pump remained operable; therefore, the health and safety of the public were not affected.

## 3. Cause

1.4

The low pump discharge pressure was due to a clogged suction strainer.

### 4. Immediate Corrective Action

The immediate corrective action was to verify auto-start of the 10B pump which cleared the low pressure condition.

#### 5. Subsequent Corrective Action

The suction strainer to pump 1-SW-P-10A was cleaned and subsequently returned to service.

### 6. Action Taken to Prevent Recurrence

A design change is being completed that will reduce the likelihood of strainer clogs.

### 7. Generic Implications

The system modification is being performed on both units.