

LICENSEE EVENT REPORT

CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 V A S P S 1 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5
8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 37 CAT 58

CONT
01
REPORT SOURCE L 6 0 5 0 0 0 2 8 0 7 0 8 3 0 8 3 8 0 9 1 6 8 3 9
60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 With the unit at 100% power, the low pressure CO₂ system and the fire detection
03 system for No. 1 cable vault tunnel were inoperable, without a fire watch. This
04 event is contrary to T.S.3.21.D.3.a and is reportable per T.S.-6.6.2.b.(2). A fire
05 in the affected area may have gone unnoticed, however since backup safe shutdown
06 instrumentation was available, the health and safety of the public were not
07 affected.

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7 8 9

09
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SYSTEM CODE A B 11 CAUSE CODE A 12 CAUSE SUBCODE E 13 COMPONENT CODE Z Z Z Z Z Z 14
9 10 11 12 13
COMP. SUBCODE Z 15 VALVE SUBCODE Z 16
19 20
17 LER/RO REPORT NUMBER 8 3 21 22
EVENT YEAR
ACTION TAKEN X 18 FUTURE ACTION H 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21
33 34 35 36
SEQUENCE REPORT NO. 0 3 6 24 25
OCCURRENCE CODE 0 3 28 29
REPORT TYPE L 30 31
REVISION NO. 0 32
HOURS 0 0 0 0 37 40
ATTACHMENT SUBMITTED Y 41 42
NPRD-4 FORM SUB. N 24 PRIME COMP. SUPPLIER Z 25
43 44
COMPONENT MANUFACTURER Z Z Z Z 26
45 46 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 The cause was due to personnel error, specifically the fire watch was terminated
11 without the fire suppression and detection system operable. Upon discovery, a
12 fire watch was posted and the fire suppression and detection system was returned
13 to service.

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7 8 9

15 FACILITY STATUS E 28 % POWER 1 0 0 29 OTHER STATUS N/A 30 METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION Operator Observation 32
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
ACTIVITY CONTENT RELEASED OF RELEASE Z 33 Z 34 AMOUNT OF ACTIVITY N/A 35 LOCATION OF RELEASE N/A 36
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

16 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION N/A 39
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

17 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION N/A 41
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

18 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION N/A 43
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

19 PUBLICITY ISSUED DESCRIPTION N/A 45
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

20 N 44
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

NAME OF PREPARED J. L. Wilson

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PDR ADOCK 05000280
S PDR

NRC USE ONLY

PHONE (804) 357-3184

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1983 refit

ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 1
DOCKET NO: 50-280
REPORT NO: 83-036/03L-0
EVENT DATE: 08-30-83

TITLE OF THE EVENT: LOW PRESSURE CO₂ SYSTEM INOPERABLE

1. Description of the Event

With the unit at full power, an operation's walkdown determined that the Low Pressure CO₂ system and the fire detection system for the No. 1 Cable Vault Tunnel was disabled to allow welding for Design Change 82-11 (Installation of additional Control Room Air Bottles) and no fire watch was present. This event is contrary to T.S.3.21.D.3.a and is reportable per T.S.6.6.2.b.(2).

2. Probable Consequences and Status of Redundant Equipment

If a fire had occurred during the time in which a fire watch was not present, the time of detection could have been increased. However, since the time of vulnerability was only half an hour and no fire occurred, the health and safety of the public were unaffected.

3. Cause

The assigned fire watch was instructed by his foreman to perform a job out of the Cable Vault Tunnel without assigning another fire watch.

4. Immediate Corrective Action

A fire watch was immediately established as soon as it was determined that none existed.

5. Subsequent Corrective Action

The fire detection/suppression system was returned to operable status an hour and 15 minutes from the time of discovery.

6. Action Taken to Prevent Recurrence

Construction supervision has been reinstructed in their responsibilities concerning fire protection systems. A daily log has been implemented that will require construction supervision to verify the status of all fire doors and detection systems in the areas currently being worked at the end of each shift.

7. Generic Implications

None.

Vepco

USNR
ATLANTA

VIRGINIA ELECTRIC AND POWER COMPANY

Surry Power Station

P. O. Box 315

Surry, Virginia 23883

33 SEP 22 A10:44

Serial No: 83-065

SEP 16 1983

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

83-036/03L-0

Applicable Technical Specification

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
J. L. Wilson
Station Manager

Enclosure

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

DESIGNATED ORIGINAL

Carline Scott

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