

POW 28-06-02

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 V A S P S 2 2 0 0 - 0 0 0 0 0 0 - 0 0 0 3 4 1 1 1 1 4 5
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 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

CONT

0 1 REPORT SOURCE L 6 0 5 0 0 0 2 8 1 7 1 1 1 1 2 8 3 8 0 4 0 5 8 4 9
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 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 With Unit No. 2 at 100% power, 2-CS-P-1B tripped while attempting to start during

0 3 the performance of the monthly surveillance test: This is contrary to T.S.3.4.A.1

0 4 and reportable per T.S.6.6.2.b.(2). The redundant spray subsystem remained

0 5 operable, therefore, the health and safety of the public were not affected.

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SYSTEM CODE 9 10 S B 11 CAUSE CODE 12 E 13 CAUSE SUBCODE 14 B 15 COMPONENT CODE 16 C K T B R K 17 COMP. SUBCODE 18 A 19 VALVE SUBCODE 20 Z 21
17 LER/RC REPORT NUMBER 22 8 3 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 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of the trip was due to a loose armature stop screw on the breaker overload

1 1 device. The screw was tightened and the pump motor and circuit breakers were

1 2 tested satisfactorily. The pump was returned to service.

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1 4

1 5 FACILITY STATUS 28 E 29 1 0 0 30 OTHER STATUS 31 N/A 32 METHOD OF DISCOVERY 33 B 34 Routine Test 35 DISCOVERY DESCRIPTION 36

1 6 ACTIVITY CONTENT 37 Z 38 Z 39 AMOUNT OF ACTIVITY 40 N/A 41 LOCATION OF RELEASE 42

1 7 PERSONNEL EXPOSURES 43 0 0 0 44 37 45 Z 46 DESCRIPTION 47 39 N/A 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 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1 8 PERSONNEL INJURIES 49 0 0 0 50 40 51 DESCRIPTION 52 41 N/A 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 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1 9 LOSS OF OR DAMAGE TO FACILITY 53 Z 54 42 55 DESCRIPTION 56 43 N/A 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

2 0 PUBLICITY 57 N 58 44 59 DESCRIPTION 60 45 N/A 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

NAME OF PREPARED J. L. Wilson

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SURRY POWER STATION, UNIT NO. 2
DOCKET NO: 50-281
REPORT NO: 83-052/03X-1
EVENT DATE: 11-12-83

POW 28-06-02

TITLE: 2-CS-P-1B BREAKER TRIPS

1. Description of the Event

On 11/12/83, with the unit at 100% power, while performing monthly periodic testing on the containment spray pump 2-CS-P-1B, the pump motor tripped while attempting to start. This event is contrary to Technical Specification 3.4.A.1 and reportable per T.S.6.6.2..b(2).

2. Probable Consequences and Status of Redundant Equipment

The spray systems in each reactor unit consist of two separate parallel containment spray subsystems, each of 100 percent capacity. Since the redundant spray subsystem was operable throughout the event, the health and safety of the public were not affected.

3. Cause

The breaker overloads were checked and the armature stop screw on the overload device was found loose. This caused armature vibration and premature breaker tripping.

4. Immediate Corrective Action

The armature stop screw was tightened and the instantaneous trip settings were adjusted. The pump was tested satisfactorily.

5. Subsequent Corrective Action

None.

6. Action Taken to Prevent Recurrence

This appears to be a random failure. A review of the applicable preventative maintenance procedures indicates that the visual inspection for loose parts is required. Therefore, no additional actions are deemed necessary.

7. Generic Implications

None.

Vepco

VIRGINIA ELECTRIC AND POWER COMPANY

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P. O. Box 315
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APR 9 1984

Serial No: 84-012

Docket No: 50-281

License No: DPR-37

U.S. Nuclear Regulatory Commission
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Gentlemen:

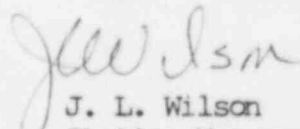
Pursuant to Surry Power Station Technical Specifications, the Virginia Electric and Power Company hereby submits the following Licensee Event Report for Surry Unit 2.

REPORT NUMBER

83-052/03X-1

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: Mr. James P. O'Reilly
Regional Administrator
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