

# LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 S C H B R 2 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

LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 58

CON'T  
0 1 L 0 5 0 0 0 2 6 1 0 7 2 9 8 3 0 8 2 6 8 3 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

REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

0 2 | On July 29, 1983, at 0230 hours, with the unit at 0% power during startup, the "C" |

0 3 | Steam Generator Blowdown Isolation Valves FCV-1932 A and B were found to be leaking |

0 4 | from their bottom bonnet flanges. This event resulted in operation in a degraded |

0 5 | mode permitted by a Limiting Condition for Operation as defined by Technical |

0 6 | Specification 3.6.3 and is reported pursuant to 6.9.2.b.2. The leaking |

0 7 | valves were manually isolated, so there was no threat to the public health |

0 8 | and safety. |

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

0 9 H I E F V A L V E X F H

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

SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE

17 8 3 0 1 7 0 3 L 0

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

LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.

A Z Z Z 0 0 0 0 Y N A F 1 3 0

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

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPHD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

1 0 | FCV-1932 A and B were isolated by closing manual isolation valve SGB-32 inside |

1 1 | containment at 0533 hours on July 29, 1983. The valves were repaired by replacing |

1 2 | the bottom bonnet gaskets. The cause of failure is attributed to end of gasket life |

1 3 | due to normal operating thermal cycling. FCV-1932 A and B were returned to satis- |

1 4 | factory service at 1000 hours on July 29, 1983. |

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

1 5 C 0 0 0 N/A A Operator Observation

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

FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

1 6 Z Z N/A N/A N/A

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

ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

1 7 0 0 0 Z N/A

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

PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION

1 8 0 0 0 N/A

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

PERSONNEL INJURIES NUMBER DESCRIPTION

1 9 Z N/A

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

LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

2 0 N N/A

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

PUBLICITY ISSUED DESCRIPTION

8309060197 830826  
PDR ADOCK 05000261  
S PDR

NAME OF PREPARER Howard T. Cox

PHONE: (803) 383-4524

NRC USE ONLY

SUPPLEMENTAL INFORMATION  
FOR  
LICENSEE EVENT REPORT 83-017

I. Cause Description and Analysis

On July 29, 1983, at 0230 hours, with the unit at 0% power during startup, the "C" Steam Generator Blowdown Isolation Valves FCV-1932 A and B were found to be leaking from their bottom bonnet flanges.

This event resulted in operation in a degraded mode permitted by a Limiting Condition for Operation as defined by Technical Specification 3.6.3, and is reported pursuant to 6.9.2.b.2. The leaking valves were manually isolated, so there was no threat to the public health and safety. This type of leakage has occurred in the past but was not considered a reportable event. In discussions with NRC Region II personnel about this recent leakage, it was then identified as reportable.

II. Corrective Action

As stated above, the leaking valves, FVC-1932 A and B, were manually isolated. This was accomplished by closing manual isolation valve SGB-32 inside containment at 0533 hours on July 29, 1983. FCV-1932 A and B were repaired by replacing the bottom bonnet gaskets. FCV-1932 B did indicate some minor evidence of an improper gasket fit possibly due to slippage during the previous installation. However, the cause of failure is attributed to end of gasket useful life due to normal operating thermal cycling. Both valves were returned to satisfactory service at 1000 hours on July 29, 1983.

III. Corrective Action to Prevent Recurrence

An evaluation of this event and previous experiences of leakage are continuing, and further corrective actions are being considered. The results of this evaluation and any additional actions taken or planned will be provided as a supplement to this report.

USNR  
A **CP&L** ON 11  
RGIA

Carolina Power & Light Company

~~03 AUG 29 P 2:03~~

Company Correspondence

H. B. ROBINSON STEAM ELECTRIC PLANT  
POST OFFICE BOX 790  
HARTSVILLE, SOUTH CAROLINA 29550

AUG 26 1983

Robinson File No: 13510C

Serial: RSEP/83-1129

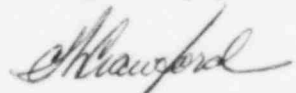
Mr. James P. O'Reilly  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, N. W., Suite 3100  
Atlanta, Georgia 30303

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261  
LICENSE NO. DPR-23  
LICENSEE EVENT REPORT 83-017

Dear Mr. O'Reilly:

In accordance with Section 6.9.2 of the Technical Specifications for the H. B. Robinson Steam Electric Plant, Unit 2, the enclosed Licensee Event Report is submitted. This report fulfills the requirements for a written report within thirty (30) days of a reportable occurrence and is in accordance with the format set forth in NUREG-0161, July, 1977.

Very truly yours,

  
for R. B. Starkey, Jr.  
General Manager  
H. B. Robinson SEG Plant

HTC:FMG:RHC:FLL/bss

Enclosure

cc: R. C. DeYoung (30)  
R. A. Hartfield (3)

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