

E 03/03/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)  
DISTRIBUTION FOR INCOMING MATERIAL

50-269/270/287

REC: OREILLY J P  
NRC

ORG: PARKER W D  
DUKE PWR

DOCDATE: 02/28/78  
DATE RCVD: 03/02/78

DOCTYPE: LETTER NOTARIZED: NO  
SUBJECT:

COPIES RECEIVED  
LTR 1 ENCL 1

LICENSEE EVENT REPT (RO 50-287/78-002/03L-1) ON 01/05/78 CONCERNING  
AFTER SAMPLE WAS TAKEN FROM THE OTSG, FDW-108 FAILED TO  
CLOSE. W/ATT LERS 269/78-001, 287/78-001, 270/77-017, 269/77-031  
AND 270/78-002.

PLANT NAME: OCONEE - UNIT 1  
OCONEE - UNIT 2  
OCONEE - UNIT 3

REVIEWER INITIAL: XUM  
DISTRIBUTER INITIAL:

\*\*\*\*\* DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS \*\*\*\*\*

NOTES:  
L. M. CUNNINGHAM - ALL AMENDMENTS TO PSAR AND CHANGES TO TECH SPECS

INCIDENT REPORTS  
(DISTRIBUTION CODE A002)

FOR ACTION: BR CHIEF REID\*\*W/4 ENCL

INTERNAL: REG FILE\*\*W/ENCL  
L. M. CUNNINGHAM\*\*W/2 ENCL  
SCHRQEDER/IPPOLITO\*\*W/ENCL  
NOVAK/CHECK\*\*W/ENCL  
KNIGHT\*\*W/ENCL  
HANAUER\*\*W/ENCL  
EISENHUT\*\*W/ENCL  
SHAO\*\*W/ENCL  
KREGER/J. COLLINS\*\*W/ENCL  
K SEYFRIT/IE\*\*W/ENCL

NRC PDR\*\*W/ENCL  
MIPC\*\*W/3 ENCL  
HOUSTON\*\*W/ENCL  
GRIMES\*\*W/ENCL  
BUTLER\*\*W/ENCL  
TEDESCO\*\*W/ENCL  
BAER\*\*W/ENCL  
VOLLMER/BUNCH\*\*W/ENCL  
ROSA\*\*W/ENCL

EXTERNAL: LPDR'S  
WALHALLA, SC\*\*W/ENCL  
TIC\*\*W/ENCL  
NSIC\*\*W/ENCL  
ACRS CAT B\*\*W/16 ENCL

COPIES NOT SUBMITTED PER  
REGULATORY GUIDE 10.1

DISTRIBUTION: LTR 45 ENCL 45  
SIZE: 1P+1P+5P

CONTROL NBR: 780620045

\*\*\*\*\* THE END \*\*\*\*\*

DUKE POWER COMPANY

REGULATORY DOCKET FILE COPY

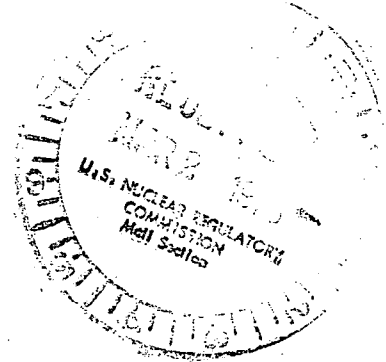
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28212

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

TELEPHONE: AREA 704  
373-4083

February 28, 1978

Mr. James P. O'Reilly  
U. S. Nuclear Regulatory Commission  
Suite 1217  
230 Peachtree Street, Northwest  
Atlanta, GA 30303



RE: Oconee Nuclear Station  
Docket Nos. 269, 270, 287  
Revision to Reportable Occurrence Reports

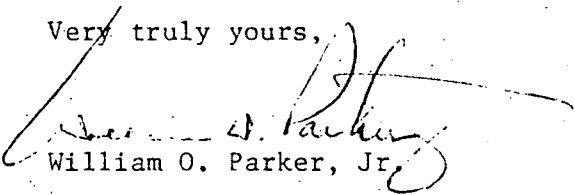
Dear Sir:

Please find attached revision to the Licensee Event Reports (LER) for  
Reportable Occurrence Reports:

RO - 287/78-2  
RO - 269/78-1  
RO - 287/78-1  
RO - 270/77-17  
RO - 269/77-31  
RO - 270/78-2

submitted on January 26, February 3, and February 17, 1978. The revisions  
are transcriptional and typographical errors which were noticed on reviews  
subsequent to submittal of the originals.

Very truly yours,

  
William O. Parker, Jr.

KRW/rpc

Attachment

cc: Director, Office of Management Information  
and Program Control

780620045

A002  
5  
1/1

PHONE: (704) 373-8197

NRC FORM 366  
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

## LICENSEE EVENT REPORT

EXHIBIT A

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

0 1 | S C N E | E | 1 | 2 | 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

CON'T  
0 1 | REPORT SOURCE | 1 | 5 | 0 | 5 | 0 | 0 | 0 | 2 | 6 | 9 | 7 | 0 | 1 | 0 | 5 | 7 | 8 | 8 | 0 | 2 | 2 | 8 | 7 | 8 | 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 | During normal operation Keowee Hydro Unit 2 failed to start on initiation  
0 3 | from Oconee control room. Since Keowee 2 is a source of auxiliary power  
0 4 | for the Oconee station (Units 1, 2, and 3) this is reportable under  
0 5 | T.S. 6.6.2.1.b.(2). The unit started normally on second and subsequent  
0 6 | attempts.

0 7 |  
0 8 |

0 9 |

17 LER/RO REPORT NUMBER | 7 | 8 | 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 |

18 ACTION TAKEN | 7 | 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 |

19 FUTURE ACTION | 7 | 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 |

20 EFFECT ON PLANT | 7 | 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 |

21 SHUTDOWN METHOD | 7 | 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 |

22 HOURS | 7 | 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 |

23 ATTACHMENT SUBMITTED | 7 | 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 |

24 NPRA FORM SUB. | 7 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |

25 PRIME COMP. SUPPLIER | 7 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |

26 COMPONENT MANUFACTURER | 7 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The Field Flashing Breaker (DB-26) on the generator failed to close on  
1 1 | first attempt. The breaker was verified as operable by subsequent opera-  
1 2 | tion and visual examination. Inspection and servicing resulted in no  
1 3 | further corrective action.

1 4 |

1 5 | FACILITY STATUS | 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 |

1 6 | % POWER | 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 |

1 7 | OTHER STATUS | 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 |

1 8 | METHOD OF DISCOVERY | 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 |

1 9 | DISCOVERY DESCRIPTION | 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 |

1 6 | ACTIVITY CONTENT | 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 |

1 7 | RELEASED OF RELEASE | 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 |

1 8 | AMOUNT OF ACTIVITY | 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 |

1 9 | LOCATION OF RELEASE | 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 |

1 7 | PERSONNEL EXPOSURES | 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 |

1 8 | NUMBER | 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 |

1 9 | TYPE | 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 |

2 0 | DESCRIPTION | 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 |

1 8 | PERSONNEL INJURIES | 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 |

1 9 | NUMBER | 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 |

2 0 | DESCRIPTION | 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 |

1 9 | LOSS OF OR DAMAGE TO FACILITY | 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 |

2 0 | TYPE | 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 |

2 1 | DESCRIPTION | 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 |

2 0 | PUBLICITY | 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 |

2 1 | ISSUED | 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 |

2 2 | DESCRIPTION | 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 |

NAME OF PREPARER K. R. Wilson

PHONE: (704) 373-8197

NRC FORM 366  
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

## LICENSEE EVENT REPORT

EXHIBIT A

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

01 SICNEE 3200-000000-00034111145  
9 14 15 25 26 57 CAT 58

CONT

01 REPORT SOURCE 60 61 68 69 74 75 80  
05005000287701037880228789

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 During performance of PT/0/A/203/5 Valve 3LP-14 failed to cycle manually.

03 It was repaired within one hour of the failure. The incident is reportable

04 under Section 6.6.2.1b(2) on the Tech Specs.

05

06

07

08

09

SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE  
9 10 11 12 13 18 19 20  
11 12 13 14 15 16  
17 LER/RO REPORT NUMBER 21 22 23 24 25 26 27 28 29 30 31 32  
7 8 0 0 1 0 3 L 1  
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRO-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER  
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32  
B Z Z Z 0 0 0 0 Y Y L F 1 2 7  
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 When first trying to cycle 3LP-14 the valve moved slightly and the engaging

11 collar started to slip and became unaligned. The actuating push rod could

12 not be reconnected to the pneumatic control so the valve was inoperable

13 both manually and pneumatically. The collar was realigned and the setscrew

14 and handwheel were tightened.

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

NAME OF PREPARER K. R. Wilson

PHONE: (704) 373-8197

**LICENSEE EVENT REPORT**

EXHIBIT A

CONTROL BLOCK:										(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)									
<div> <div>01</div> <div>S C N E E 2</div> <div>2</div> <div>00</div> <div>-</div> <div>00</div> <div>00</div> <div>00</div> <div>00</div> <div>-</div> <div>00</div> <div>00</div> <div>3</div> <div>4</div> <div>1</div> <div>1</div> <div>1</div> <div>1</div> <div>4</div> <div>5</div> </div>										<div> <div>7</div> <div>8</div> <div>9</div> <div>14</div> <div>15</div> <div>25</div> <div>26</div> <div>30</div> <div>37</div> <div>38</div> </div>									
<div> <div>01</div> <div>L</div> <div>6</div> <div>0</div> <div>5</div> <div>0</div> <div>0</div> <div>0</div> <div>2</div> <div>7</div> <div>0</div> <div>7</div> <div>1</div> <div>2</div> <div>2</div> <div>9</div> <div>7</div> <div>7</div> <div>8</div> <div>0</div> <div>2</div> <div>2</div> <div>8</div> <div>7</div> <div>8</div> <div>9</div> </div>										<div> <div>60</div> <div>61</div> <div>68</div> <div>69</div> <div>74</div> <div>75</div> <div>80</div> </div>									
EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)																			
<div> <div>02</div> <div>During normal operation while control rod 4 group 6 was being withdrawn,</div> </div>																			
<div> <div>03</div> <div>it dropped into the core causing a power runback to 55%. Attempts to raise</div> </div>																			
<div> <div>04</div> <div>rod were unsuccessful. It was determined that a short in the stator caused</div> </div>																			
<div> <div>05</div> <div>the rod to drop. The reactor was shutdown for replacement of the stator.</div> </div>																			
<div> <div>06</div> <div></div> </div>																			
<div> <div>07</div> <div></div> </div>																			
<div> <div>08</div> <div></div> </div>																			
<div> <div>09</div> <div></div> </div>																			
<div> <div>SYSTEM CODE</div> <div>R R</div> <div>11</div> </div>										<div> <div>CAUSE CODE</div> <div>E</div> <div>12</div> </div>									
<div> <div>CAUSE SUBCODE</div> <div>A</div> <div>13</div> </div>										<div> <div>COMPONENT CODE</div> <div>C R D R V E</div> <div>14</div> </div>									
<div> <div>COMP. SUBCODE</div> <div>Z</div> <div>15</div> </div>										<div> <div>VALVE SUBCODE</div> <div>Z</div> <div>16</div> </div>									
<div> <div>LER/RO REPORT NUMBER</div> <div>7</div> <div>7</div> <div>21</div> <div>22</div> </div>										<div> <div>EVENT YEAR</div> <div>7</div> <div>7</div> <div>23</div> <div>24</div> </div>									
<div> <div>SEQUENTIAL REPORT NO.</div> <div>0</div> <div>1</div> <div>7</div> <div>25</div> <div>26</div> </div>										<div> <div>OCCURRENCE CODE</div> <div>0</div> <div>3</div> <div>27</div> <div>28</div> </div>									
<div> <div>REPORT TYPE</div> <div>L</div> <div>29</div> <div>30</div> </div>										<div> <div>REVISION NO.</div> <div>1</div> <div>31</div> <div>32</div> </div>									
<div> <div>ACTION TAKEN</div> <div>A</div> <div>18</div> <div>33</div> </div>										<div> <div>FUTURE ACTION</div> <div>Z</div> <div>19</div> <div>34</div> </div>									
<div> <div>EFFECT ON PLANT</div> <div>B</div> <div>20</div> <div>35</div> </div>										<div> <div>SHUTDOWN METHOD</div> <div>Z</div> <div>21</div> <div>36</div> </div>									
<div> <div>HOURS</div> <div>0</div> <div>1</div> <div>0</div> <div>0</div> <div>37</div> <div>38</div> </div>										<div> <div>ATTACHMENT SUBMITTED</div> <div>Y</div> <div>22</div> <div>40</div> </div>									
<div> <div>NP-4 FORM SUB.</div> <div>Y</div> <div>23</div> <div>41</div> </div>										<div> <div>PRIME COMP. SUPPLIER</div> <div>N</div> <div>24</div> <div>42</div> </div>									
<div> <div>COMPONENT MANUFACTURER</div> <div>D</div> <div>1</div> <div>5</div> <div>0</div> <div>43</div> <div>44</div> </div>										<div> <div>CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)</div> </div>									
<div> <div>10</div> <div>The stator short was probably due to excessive moisture buildup and</div> </div>																			
<div> <div>11</div> <div>failure of O-ring seals. The stator and the O-ring seals were replaced.</div> </div>																			
<div> <div>12</div> <div>The stator was a model R70-046133. Both the O-ring seals and the stator</div> </div>																			
<div> <div>13</div> <div>are made by Diamond Power.</div> </div>																			
<div> <div>14</div> <div></div> </div>																			
<div> <div>FACILITY STATUS</div> <div>E</div> <div>28</div> <div>9</div> </div>										<div> <div>% POWER</div> <div>0</div> <div>7</div> <div>5</div> <div>29</div> <div>10</div> </div>									
<div> <div>OTHER STATUS</div> <div>NA</div> <div>30</div> <div>11</div> </div>										<div> <div>METHOD OF DISCOVERY</div> <div>A</div> <div>31</div> <div>45</div> </div>									
<div> <div>DISCOVERY DESCRIPTION</div> <div>Operator Observation</div> <div>32</div> <div>46</div> </div>										<div> <div>ACTIVITY CONTENT</div> <div>NA</div> <div>35</div> <div>44</div> </div>									
<div> <div>RELEASED OF RELEASE</div> <div>Z</div> <div>33</div> <div>10</div> </div>										<div> <div>AMOUNT OF ACTIVITY</div> <div>NA</div> <div>36</div> <div>45</div> </div>									
<div> <div>PERSONNEL EXPOSURES</div> <div>0</div> <div>0</div> <div>0</div> <div>37</div> <div>11</div> </div>										<div> <div>LOCATION OF RELEASE</div> <div>NA</div> <div>36</div> <div>46</div> </div>									
<div> <div>TYPE</div> <div>Z</div> <div>38</div> <div>12</div> </div>										<div> <div>DESCRIPTION</div> <div>NA</div> <div>39</div> <div>47</div> </div>									
<div> <div>PERSONNEL INJURIES</div> <div>0</div> <div>0</div> <div>0</div> <div>40</div> <div>13</div> </div>										<div> <div>PERSONNEL EXPOSURES</div> <div>0</div> <div>0</div> <div>0</div> <div>37</div> <div>11</div> </div>									
<div> <div>LOSS OF OR DAMAGE TO FACILITY</div> <div>Z</div> <div>42</div> <div>14</div> </div>										<div> <div>DESCRIPTION</div> <div>NA</div> <div>43</div> <div>48</div> </div>									
<div> <div>PUBLICITY</div> <div>Z</div> <div>44</div> <div>15</div> </div>										<div> <div>ISSUED DESCRIPTION</div> <div>NA</div> <div>45</div> <div>49</div> </div>									
<div> <div>NRC USE ONLY</div> </div>										<div> <div>NAME OF PREPARER</div> <div>K. R. Wilson</div> <div>50</div> </div>									
<div> <div>PHONE</div> <div>(704) 373-8197</div> <div>51</div> </div>										<div> <div>DATE</div> <div>7/7/77</div> <div>52</div> </div>									

# LICENSEE EVENT REPORT

EXHIBIT A

CONTROL BLOCK: 1										(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)									
0 1   S   C   N   E   E   1   2   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   8   0   5   0   0   0   2   6   9   7   1   2   2   9   7   7   8   0   2   2   8   7   8   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   On December 27, an increase in reactor coolant leakage was noted. At 2131																			
0 3   RPS Channel A tripped on press/temp. It was determined that a pressure switch																			
0 4   had blown. Reactor shutdown was initiated but was terminated when switch was																			
0 5   valved out. On December 29, it was noted that Channel 1 WR pressure was																			
0 6   reading high so the channel was tripped. At 1545 recalibration was complete																			
0 7   so channel was returned to service. At no time was the ability of the reactor																			
0 8   to operate safely impaired.																			
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																			
0 9																			
SYSTEM CODE 11   I   B   11										CAUSE CODE 12   E   12									
CAUSE SUBCODE 13   G   13										COMPONENT CODE 14   I   N   S   T   R   U   14									
COMP. SUBCODE 15   T   15										VALVE SUBCODE 16   Z   16									
17   LER/RO REPORT NUMBER   7   7   21										EVENT YEAR 22   7   7   22									
23   23										SEQUENTIAL REPORT NO. 24   0   3   1   24									
OCCURRENCE CODE 25   0   3   25										REPORT TYPE 26   L   26									
ACTION TAKEN 27   E   18   27										FUTURE ACTION 28   Z   19   28									
EFFECT ON PLANT 29   Z   20   29										SHUTDOWN METHOD 30   Z   21   30									
HOURS 31   0   0   0   0   31										ATTACHMENT SUBMITTED 32   Y   22   32									
NPRO-4 FORM SUB. 33   Y   24   33										PRIME COMP. SUPPLIER 34   L   25   34									
COMPONENT MANUFACTURER 35   M   4   5   5   35										REVISION NO. 36   1   36									
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27																			
1 0   The ES Analog Channel 1 WR pressure transmitter is located about five feet																			
1 1   from and slightly below the blown pressure switch. It is likely that steam																			
1 2   from the switch struck the transmitter thus throwing it out of calibration.																			
1 3   Recalibration corrected the transmitter error. Valving out the switch has																			
1 4   eliminated the leak. The transmitter was a model 56PH.																			
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																			
FACILITY STATUS 28   F   28										% POWER 29   0   9   0   29									
OTHER STATUS 30   NA   30										METHOD OF DISCOVERY 31   B   31									
DISCOVERY DESCRIPTION 32   During performance test PT/1&2/600/1																			
ACTIVITY CONTENT 33   Z   33										AMOUNT OF ACTIVITY 34   NA   34									
RELEASED OF RELEASE 35   Z   35										LOCATION OF RELEASE 36   NA   36									
PERSONNEL EXPOSURES NUMBER 37   0   0   0   37										TYPE 38   Z   38									
DESCRIPTION 39   NA   39																			
PERSONNEL INJURIES NUMBER 40   0   0   0   40										DESCRIPTION 41   NA   41									
LOSS OF OR DAMAGE TO FACILITY TYPE 42   Z   42										DESCRIPTION 43   NA   43									
PUBLICITY ISSUED 44   N   44										DESCRIPTION 45   NA   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 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																			
NAME OF PREPARER K. R. Wilson										PHONE: (704) 373-8197									

**LICENSEE EVENT REPORT**

EXHIBIT A

[illegible]