

## LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | A | L | B | R | F | 1 | 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 34 35  
LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 58

CON'T  
0 1 | L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 5 | 9 | 7 | 0 | 4 | 2 | 4 | 8 | 1 | 8 | 0 | 5 | 2 | 0 | 8 | 1 | 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  
REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During refueling outage, while testing MSIV's, it was discovered that MSIV's 1-14,  
0 3 | 1-15, 1-26, 1-27, 1-37, 1-38, 1-51, and 1-52 exceeded the allowable leak rate of  
0 4 | 11.5 standard cubic feet per hour. See SI 4.7.A.2.i. No significant resulting  
0 5 | effects. There was no danger to the health or safety of the public. Previous  
0 6 | similar events: BFRO-50-259/77023, 78034, 80003; 260/74012W, 79007, 80042;  
0 7 | 296/78025, 79014, 80058, and 80059.

0 8 |  
7 8 9  
0 9 |  
7 8 9  
SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE  
C D 11 E 12 X 13 V A L V E X 14 F 15 D 16  
9 10 11 12 13 14 15 16 17 18 19 20  
EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.  
8 1 0 1 4 0 3 L 0  
21 22 23 24 25 26 27 28 29 30 31 32  
LER/RO REPORT NUMBER ACTION FUTURE ACTION EFFECT ON PLANT SHUT DOWN METHOD HOURS ATTACHMENT SUBMITTED NRC-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER  
B 18 Z 19 Z 20 Z 21 0 0 0 0 Y 23 Y 24 N 25 A 5 8 5 26  
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 | Slight steam erosion caused deterioration of valve seating surfaces of MSIV's.  
1 1 | Atwood-Morrill, 26-inch diameter, globe valves with stellite seats, rated at  
1 2 | 1250 psig, 575 degrees F, normally operated at 980 psig, air actuated. Effect  
1 3 | maintenance and retest until leak rate is acceptable. Recurrence control is being  
1 4 | studied.

1 5 | FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION  
H 28 0 0 0 29 NA B 31 Routine test 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 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  
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE  
Z 33 Z 34 NA NA 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 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  
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION  
0 0 0 37 Z 38 NA 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 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  
PERSONNEL INJURIES NUMBER DESCRIPTION  
0 0 0 40 NA 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 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  
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION  
Z 42 NA 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 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  
PUBLICITY ISSUED DESCRIPTION  
N 44 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  
NRC USE ONLY

NAME OF PREPARER

PHONE

810527 240

LER SUPPLEMENTAL INFORMATION

BFRO-50- 259 / 81014 Technical Specification Involved 4.7.2.i

Reported Under Technical Specification 6.7.2.b(4)

Date of Occurrence 4/24/81 Time of Occurrence 1430 Unit 1

Identification and Description of Occurrence:

Main steam isolation valve leak rate (in standard cubic feet per hour) is as follows: 1-14, 333.8026 (at 5 psig); 1-15, 3268.717 (at 16 psig); 1-26/27, 18.0526; 1-37, 45.6465; 1-38, 43.6237; 1-51, 2839.9681 (at 5.5 psig); 1-52, 483.9549.

Conditions Prior to Occurrence:

Unit 1 refueling outage

Unit 2 at 97%

Unit 3 at 89%

Action specified in the Technical Specification Surveillance Requirements met due to inoperable equipment. Describe.

Maintenance to be effected and retest to be conducted in accordance with SI 4.7.2.g-3 to verify leakage does not exceed 11.5 SCFH per valve.

Apparent Cause of Occurrence:

Slight steam erosion during power operation.

Analysis of Occurrence:

There was no danger to the health or safety of the public, no release of activity, no damage to the plant or equipment, and no resulting significant chain of events.

Corrective Action:

Effect maintenance and retest until leak rate is acceptable.

Failure Data:

BFRO-50-259/77023, 78034, 8003; 260/74012W, 79007, 80042; 296/78025, 79014, 80058, and 80059.

\*Retention: Period - Lifetime; Responsibility - Document Control Supervisor

\*Revision: SCJ