

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 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 L 6 0 3 0 0 0 2 5 9 7 0 2 1 2 8 0 8 0 3 1 2 8 0 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 in scheduled refueling outage, the total leak rate of primary containment
0 3 penetrations exceeded the allowable of 655 SCFH during performance of Surveillance
0 4 Instruction 4.7.A.2.g-3. The total leakage was 6919 SCFH. There was no
0 5 significant resulting occurrence and no danger to the health or safety of the public.
0 6 Redundance does not apply. See Technical Specification 4.7.A.2. Previous
0 7 similar occurrences: LER BFRO-60-259/7903, -259/7723.

0 8
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 S A 11 B 12 B 13 V A L V E X 14 X 15 X 16
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

17 LER NO. REPORT NUMBER 8 0
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

ACTION FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPR-4 FORM SUB PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
B 18 Z 19 Z 20 Z 21 0 0 0 0 0 0 Y 23 Y 24 L 25 Z 9 9 9 9 9 9
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 There was excessive leakage by valve seating surfaces caused by wear of the
1 1 valve seating surfaces. The valve numbers and nameplate slots are being supplied
1 2 as a supplement to this report. The valves were repaired and retested to
1 3 demonstrate compliance. Further recurrence control is being studied.

1 4
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

1 5 H 28 0 0 0 29 NA 30 B 31 Surveillance testing 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

1 6 Z 33 Z 34 NA 35 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

1 7 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

1 8 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

1 9 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

2 0 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

NAME OF PREPARER

PHONE

NRC USE ONLY

8008180598

LER SUPPLEMENTAL INFORMATION

BFRO-50- 259 / 8022 Technical Specification Involved 4.7.A.2
Reported Under Technical Specification 6.7.2.B.4
Date of Occurrence 2/12/80 ~ ue of Occurrence NA Unit 1

Identification and Description of Occurrence:

The total leak rate of primary containment penetrations during SI 4.7.A.2.g-3 was 6919 SCFH. This exceeded the allowable 655 SCFH.

Conditions Prior to Occurrence:

Unit 1 - scheduled refueling outage.

Unit 2 - hot shutdown.

Unit 3 - 1107 MWe steady state power

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

NA - Unit in scheduled refueling outage. Redundancy does not apply.

Apparent Cause of Occurrence:

There was excessive leakage by valve seating surfaces which had deteriorated through normal operation of valves.

Analysis of Occurrence:

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

Corrective Action:

Valves were repaired and retested to demonstrate compliance. A study of valve seating surface wear is being done to determine if further action is necessary.

Failure Data:

Previous occurrences LER BFRO-50-259/7903, LER BFRO-50-259/7723

*Retention: Period - Lifetime; Responsibility - Administrative Supervisor

*Revision: 

VALVE	1-15, 37, 52	3-554, 572	64-29/30/32/33 64-17/18/19	71-32/592	73-23/603
MFGR	Atwood & Morrill	Atwood & Morrill	Rockwell	Velan Hancock	Walworth Crane Chapman
SIZE	26"	24"	18"	2" 2"	16" 20"
TYPE	Globe	Swing Check	Butterfly	Globe Stop Check; Lift Check	Globe Stop Check; Swing Check
MODEL	20851 H				
MODE OF OPERATION	Air Oper.		Air Oper.		
VENDOR RATING	1250 PSIG @ 575°F	1700 PSIG	125 PSIG	150 PSIG 150 PSIG @ 210°F	300 PSIG 150 PSIG
NORMAL OP PRESS	1150 PSIG @ 562°F	1375 PSIG @ 376°F	1.5 PSIG @ 120°F	150 PSIG @ 325°F	150 PSIG @ 325°F
LEAKAGE PATH	Isolation Valve		Path Leak Rate		
X-7A	1-15		664.3706		
X-7C	1-37		67.3185		
X-7D	1-52		133.2914		
X-9A	3-554		80.6004		
X-9B	3-572		77.6542		
X-25	84-19 64-17/18/19		1731.5374		
X-231	84-20 64-29/30/32/33		3769.7989		
X-212	71-32/592		44.1818		
X-222	73-23/603		22.0889		