

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---------------|--|----|----|---------------|---|---|---|---|---|---|---|---|---|----|------------|---|---|---|---|---|----|-------------|---|---|---|---|--|----|
| 0 | 1 | REPORT SOURCE | | L | 5 | 0 | 5 | 0 | 0 | 0 | 2 | 9 | 6 | 7 | 0 | 3 | 1 | 2 | 8 | 3 | 8 | 0 | 4 | 0 | 8 | 8 | 3 | 9 | | |
| 7 | 6 | | | 60 | 61 | DOCKET NUMBER | | | | | | | | | | 68 | EVENT DATE | | | | | | 74 | REPORT DATE | | | | | | 80 |

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During normal operation while performing Surveillance Instruction (SI) 4.3.C

03 (Scram Timing) CRD 38-31 failed to scram upon initiation of a scram signal. The

| | | |
|---|---|--|
| 0 | 4 | CRD could not meet Technical Specification (T.S.) 3.3.C for scram insertion times. |
|---|---|--|

05 | The CRD was inserted with normal drive pressure. There was no effect on the

health and safety of the public in that T.S. 3.3.A.2.f permits operation with

| | | |
|---|---|--------------------------|
| 0 | 7 | inoperable control rods. |
|---|---|--------------------------|

08 | _____

| | | | | | | | | | | | | | | | | | |
|----------------------------|----|---------------|----|-----------------------|----|-----------------|----|-------|----|----------------------|----|------------------|----|----------------------|----|------------------------|--|
| SYSTEM CODE | | CAUSE CODE | | CAUSE SUBCODE | | COMPONENT CODE | | | | COMP. SUBCODE | | VALVE SUBCODE | | | | | |
| 0 | 9 | R | R | X | Z | C | R | D | R | V | E | Z | Z | | | | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | | | | |
| (17) LER NO. REPORT NUMBER | | EVENT YEAR | | SEQUENTIAL REPORT NO. | | OCCURRENCE CODE | | | | REPORT TYPE | | REVISION NO. | | | | | |
| 8 | | 3 | | 0 | | 1 | | | | L | | 0 | | | | | |
| 21 | | 23 | | 24 | | 27 | | | | 30 | | 32 | | | | | |
| ACTION TAKEN | | FUTURE ACTION | | EFFECT ON PLANT | | SHUTDOWN METHOD | | HOURS | | ATTACHMENT SUBMITTED | | NPRD-4 FORM SUB. | | PRIME COMP. SUPPLIER | | COMPONENT MANUFACTURER | |
| B | Z | Z | Z | Z | 0 | 0 | 0 | 0 | Y | N | N | G | 0 | 8 | 0 | | |
| 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | | |

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The CRD was inserted into "00" and tagged out for maintenance. The scram sole-

1 1 | noid valve was inspected and the "O" ring on the inlet air side of the valve was

1 2 out of position and apparently caused the failure. The valve was rebuilt and

1 3 the CRD successfully tested per T.S. 3.3.C. This is considered a random failure |

1 4 and no recurrence control is required.

| FACILITY STATUS | | | | % POWER | | | OTHER STATUS | METHOD OF DISCOVERY | DISCOVERY DESCRIPTION |
|-----------------|---|---|------|---------|---|---|--------------|---------------------|---------------------------|
| 1 | 5 | E | (28) | 0 | 6 | 7 | (29) NA | B | (31) Surveillance Testing |

| ACTIVITY CONTENT RELEASED OF RELEASE | | | | AMOUNT OF ACTIVITY | | LOCATION OF RELEASE | |
|---|---|---|------|--------------------|------|---------------------|------|
| 1 | 6 | Z | (33) | Z | (34) | NA | (36) |

| PERSONNEL EXPOSURES | | | |
|---------------------|------|-------------|----|
| NUMBER | TYPE | DESCRIPTION | |
| 17 | 000 | (37) Z (38) | NA |

| PERSONNEL INJURIES | | NUMBER | | DESCRIPTION (41) | |
|--------------------|---|--------|---|------------------|------|
| 1 | 8 | 0 | 0 | 0 | (40) |

NA

| 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 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 | | 2 | | 3 | | 4 | | 5 | | 6 | | 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 | | 2 | | 3 | | 4 | | 5 | | 6 | | 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 | | 2 | | 3 | | 4 | | 5 | | 6 | | 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</ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PUBLICITY
 ISSUED DESCRIPTION (45)
 2 0 N (44)
 PDR ADOCK 05000296
 S PDR
 NRC USE ONLY

NAME OF PREPARER M. D. Wingo

PHONE: (205) 729-0784

LER SUPPLEMENTAL INFORMATION

BFRO-50- 296 / 8319 Technical Specification Involved 3.3.C
Reported Under Technical Specification 6.7.2.b.2 * Date Due NRC 4/11/83

Event Narrative:

~~Unit 1~~ was at 88 percent power and steady state, and unit 2 was at 0 percent power in a refueling outage. These units were not affected by this event. While performing SI 4.3.C on unit 3 (67 percent power for SI testing) on March 12, 1983 at 0020 hours, CRD 38-31 failed to scram upon initiating a scram signal from the auxiliary instrument room. This violates maximum scram insertion time specified in T.S. 3.3.C.3. The CRD was inserted with normal drive pressure to "00" and tagged-out for maintenance on the HCU. The scram solenoid valve was found to be inoperable. It was rebuilt and tested. The CRD was returned to service following scram testing per T.S. 3.3.C. The "O" ring on the inlet air side of the valve was out of position and apparently caused the failure. This is considered a random event and no recurrence control is required. There was no effect on public health and safety.

* Previous Similar Events:

BFRO-50-296-8224

BFRO-50-296-8220

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: JRP