

## (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK: 

--	--	--	--	--	--

 ①

0	1	A	L	B	R	F	3	7	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5			
7	8	9	LICENSEE CODE					14	15	LICENSE NUMBER										24	26	LICENSE TYPE					30	57 CAT 58				

L. CHEN ET AL.

09	1	REPORT SOURCE	L	0	5	0	0	0	2	9	6	7	0	1	2	1	8	2	3	0	2	1	8	8	2	9	
7	8		60	61	DOCKET NUMBER						68	69	EVENT DATE						74	75	REPORT DATE						80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

During refueling, while performing SI 4.11.C.1 & 5 a smoke detector in auxiliary instrument room 3 would not alarm. Investigation revealed all 5 detectors in the room were intermittently inoperable. Operability is required by T.S. 3.11.C.1 & 5. There were no effects on public health or safety, no redundant systems, and no previous similar events.

0 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	
0 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	
0 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	
0 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	
0 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	
0 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													

CAUSE DESCRIPTION AND COLLECTIVE ACTIONS (27)

1 1 1 An annunciator point card was loose, apparently because the card retainer bar for  
1 1 1 a group of cards had not been installed following previous maintenance. Card was  
1 1 2 pushed firmly in place and the retainer bar was replaced. To prevent recurrence,  
1 1 3 this event is being discussed with the electricians who maintain the annunciators.  
1 1 4

FACILITY STATUS (30) 0 0 0 NA  
METHOD OF DISCOVERY (32) B Surveillance test

ACTIVITY CONTENT		AMOUNT OF ACTIVITY (P)		LOCATION OF RELEASE (H)	
DEFINITION OF RELEASE					
(1)	(6)	(Z)	(19)	(14)	(16)
(2)	(7)	(3)	(20)	(15)	(17)
(3)	(8)	(4)	(21)	(16)	(18)
(4)	(9)	(5)	(22)	(17)	(19)
(5)	(10)	(6)	(23)	(18)	(20)
(6)	(11)	(7)	(24)	(19)	(21)
(7)	(12)	(8)	(25)	(20)	(22)
(8)	(13)	(9)	(26)	(21)	(23)
(9)	(14)	(10)	(27)	(22)	(24)
(10)	(15)	(11)	(28)	(23)	(25)
(11)	(16)	(12)	(29)	(24)	(26)
(12)	(17)	(13)	(30)	(25)	(27)
(13)	(18)	(14)	(31)	(26)	(28)
(14)	(19)	(15)	(32)	(27)	(29)
(15)	(20)	(16)	(33)	(28)	(30)
(16)	(21)	(17)	(34)	(29)	(31)
(17)	(22)	(18)	(35)	(30)	(32)
(18)	(23)	(19)	(36)	(31)	(33)
(19)	(24)	(20)	(37)	(32)	(34)
(20)	(25)	(21)	(38)	(33)	(35)
(21)	(26)	(22)	(39)	(34)	(36)
(22)	(27)	(23)	(40)	(35)	(37)
(23)	(28)	(24)	(41)	(36)	(38)
(24)	(29)	(25)	(42)	(37)	(39)
(25)	(30)	(26)	(43)	(38)	(40)
(26)	(31)	(27)	(44)	(39)	(41)
(27)	(32)	(28)	(45)	(40)	(42)
(28)	(33)	(29)	(46)	(41)	(43)
(29)	(34)	(30)	(47)	(42)	(44)
(30)	(35)	(31)	(48)	(43)	(45)
(31)	(36)	(32)	(49)	(44)	(46)
(32)	(37)	(33)	(50)	(45)	(47)
(33)	(38)	(34)	(51)	(46)	(48)
(34)	(39)	(35)	(52)	(47)	(49)
(35)	(40)	(36)	(53)	(48)	(50)
(36)	(41)	(37)	(54)	(49)	(51)
(37)	(42)	(38)	(55)	(50)	(52)
(38)	(43)	(39)	(56)	(51)	(53)
(39)	(44)	(40)	(57)	(52)	(54)
(40)	(45)	(41)	(58)	(53)	(55)
(41)	(46)	(42)	(59)	(54)	(56)
(42)	(47)	(43)	(60)	(55)	(57)
(43)	(48)	(44)	(61)	(56)	(58)
(44)	(49)	(45)	(62)	(57)	(59)
(45)	(50)	(46)	(63)	(58)	(60)
(46)	(51)	(47)	(64)	(59)	(61)
(47)	(52)	(48)	(65)	(60)	(62)
(48)	(53)	(49)	(66)	(61)	(63)
(49)	(54)	(50)	(67)	(62)	(64)
(50)	(55)	(51)	(68)	(63)	(65)
(51)	(56)	(52)	(69)	(64)	(66)
(52)	(57)	(53)	(70)	(65)	(67)
(53)	(58)	(54)	(71)	(66)	(68)
(54)	(59)	(55)	(72)	(67)	(69)
(55)	(60)	(56)	(73)	(68)	(70)
(56)	(61)	(57)	(74)	(69)	(71)
(57)	(62)	(58)	(75)	(70)	(72)
(58)	(63)	(59)	(76)	(71)	(73)
(59)	(64)	(60)	(77)	(72)	(74)
(60)	(65)	(61)	(78)	(73)	(75)
(61)	(66)	(62)	(79)	(74)	(76)
(62)	(67)	(63)	(80)	(75)	(77)
(63)	(68)	(64)	(81)	(76)	(78)
(64)	(69)	(65)	(82)	(77)	(79)
(65)	(70)	(66)	(83)	(78)	(80)
(66)	(71)	(67)	(84)	(79)	(81)
(67)	(72)	(68)	(85)	(80)	(82)
(68)	(73)	(69)	(86)	(81)	(83)
(69)	(74)	(70)	(87)	(82)	(84)
(70)	(75)	(71)	(88)	(83)	(85)
(71)	(76)	(72)	(89)	(84)	(86)
(72)	(77)	(73)	(90)	(85)	(87)
(73)	(78)	(74)	(91)	(86)	(88)

PROHIBITED INFORMATION  
CLASSIFIED BY [ ] DATE [ ] OF DEPROBATION (94)  
[ ] / [ ] 0 0 0 ( ) [ ] ( ) NA

0 0 0 (10) NA

11 12  
TYPE OF NON-DAMAGE TO FACILITY (4.1)  
CODE IN 3.0 POSITION  
[ ] [ ] [Z] (4.2) NA

[illegible]

8203080419 820218  
PDR ADOCK 05000296  
S PDR

Gene Holder

PHONE (205) 729-6134

LER SUPPLEMENTAL INFORMATION

BFRO-50- 296 / 82002 Technical Specification Involved 3.11.C.1 & 5  
Reported Under Technical Specification 6.7.2.b(2) \* Date Due NRC 2/20/82  
Date of Occurrence 1/21/82 Time of Occurrence 0900 Unit 3

Identification and Description of Occurrence:

A smoke detector in auxiliary instrument room 3 would not alarm. Investigation revealed all 5 detectors in the room were intermittently inoperable.

Conditions Prior to Occurrence:

Unit 1 at 99%.

Unit 2 at 100%.

Unit 3 in refueling outage.

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

Fire watch established.

Apparent Cause of Occurrence:

An annunciator point card was loose, apparently because the card retainer bar for a group of cards had not been installed following previous maintenance.

Analysis of Occurrence:

There was no effect on 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:

The annunciator point card was pushed firmly in place and the retainer bar was replaced. To prevent recurrence, this event is being discussed with the electricians who maintain the annunciators.

Failure Data: None

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

\*Revision: 