

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	N	C	B	E	P	1	2	0	0	-	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5				
7	8	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	4	57	CAT	58	5

REPORT SOURCE 0 1 7 8

DOCKET NUMBER 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

EVENT DATE 0 6 1 5 0 - 0 3 2 5 7 0 3 1 2 8 2 8 0 4 0 8 8 2 9

REPORT DATE

0 2 | During plant operation, both reactor building 20' elevation personnel airlock doors
0 3 | were simultaneously opened causing a breach of secondary containment integrity.
0 4 | The doors were immediately closed and access was restricted through this airlock
0 5 | until the problem was corrected. This event did not affect the health and safety
0 6 | of the public.
0 7 |

09		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE	
7 8		S A 11		E 12		B 13		P E N E T R 14				A 15		Z 16	
		9 10		11		12		13 18				19		20	
		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.					
17 LER/RO REPORT NUMBER		8 2		0 3 9		0 3		L		0					
		21 22		23 24 26		27 28 29		30 31		32					
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER	
B 18		X 19		Z 20		Z 21		0 0 0 0 22		Y 23		Y 24		A 25	
33 34		35 36		37 40		41 42		43 44		45 46		47 48		49 50	

1 0 Two of four fastening screws for the outer door interlock device cover plate were
1 1 missing and the remaining two were loose. This caused mechanical binding of the
1 2 interlock allowing concurrent opening of the doors. The missing screws were replaced
1 3 and all four screws were tightened using loctite and the airlock interlock system,
1 4 Folger-Adam Co. 40-AL Electric Bolt Assembly, was then returned to service.

FACILITY STATUS (28) 1 5 E 28
 % POWER 0 6 3 (29) NA
 OTHER STATUS (30)
 METHOD OF DISCOVERY (31) A 31
 DISCOVERY DESCRIPTION (32) Operational Event

ACTIVITY CONTENT
RELEASED OF RELEASE

1	6	2	33	2	34	NA	NA	LOCATION OF RELEASE
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PERSONNEL INJURIES		(41)
NUMBER	DESCRIPTION	
0 0 0 0	NA	

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						
LOSS OF OR DAMAGE TO FACILITY																																																											
TYPE DESCRIPTION																																																											

1 9 Z (42) NA

8204160301	820409	
PDR	ADOCK	05000325
S		PDR

NRC USE ONLY

M. J. Pastva

PHONE 919-457-9521

LER ATTACHMENT - RO #1-82-39

Facility: BSEP Unit No. 1

Event Date: March 12, 1982

During plant operation a breach of secondary containment integrity occurred due to the concurrent opening of both Reactor Building 20' elevation personnel air lock doors. An investigation found that two of four fastening screws for the coverplate to the outer door electric bolt assembly device were missing and the remaining two were loose, allowing the coverplate to slip down approximately 1/8" and bind the microswitch plunger in the door shut position. As a result, the air lock interlock logic was defeated, allowing the inner door to be accidentally opened. Due to the amount of personnel traffic through the air lock it is suspected opening and closing of the door and the associated vibration of the actuation solenoid contributed to loosening of the screws.

The device coverplate was properly adjusted and fastened using the required four screws and Loctite on each screw. The outer door interlock device manufactured by Folger Adam Company, Model 40-AL Electric Bolt Assembly was then verified as functioning properly and was returned to normal utilization. The interlock device on the inner door was inspected and found satisfactory; however, to prevent future problems Loctite was also applied to these screws. A work authorization has been written to inspect the interlock mechanisms on the Unit No. 1 air lock doors.