

## LICENSEE EVENT REPORT

LER 81-20/3L

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	V	T	V	Y	S	1	2	0	0	-	0	0	0	0	0	0	3	4	1	1	1	1	4			5				
7	8	LICENSEE CODE						14		LICENSE NUMBER								25		LICENSE TYPE					30		57 CAT 58				5

CON'T

0 1 7 8

REPORT SOURCE

L 6 0 5 0 0 0 2 7 1 7 0 7 1 5 8 1 8 0 8 1 4 8 1 9

60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION	NO PROBABLE CONSEQUENCES	(10)
1. The aircraft is cleared to land and the pilot is advised of the runway length and the runway width.		
2. The aircraft is cleared to land and the pilot is advised of the runway length and the runway width.		
3. The aircraft is cleared to land and the pilot is advised of the runway length and the runway width.		
4. The aircraft is cleared to land and the pilot is advised of the runway length and the runway width.		
5. The aircraft is cleared to land and the pilot is advised of the runway length and the runway width.		
6. The aircraft is cleared to land and the pilot is advised of the runway length and the runway width.		
7. The aircraft is cleared to land and the pilot is advised of the runway length and the runway width.		
8. The aircraft is cleared to land and the pilot is advised of the runway length and the runway width.		
9. The aircraft is cleared to land and the pilot is advised of the runway length and the runway width.		
10. The aircraft is cleared to land and the pilot is advised of the runway length and the runway width.		

0 2 | While on a plant tour, the Asst. Plant Supt. observed that 4 motor mount bolts on  
0 3 | the limitorque operator for valve RHR-31B (Upper Cont. Spray) were sheared. This  
0 4 | valve rendered the B Cont. Spray Subsystem inoperable which is contrary to T. S. 3.  
0 5 | 5.B.1. The A Cont. Spray Subsystem was tested and verified operable in accordance  
0 6 | with T. S. 4.5.B.2. There were no consequences to the public health and safety.  
0 7 | No similar occurrences have been reported to the commission.

08		9		8		7		6		5		4		3		2		1		0			
SYSTEM CODE				CAUSE CODE				CAUSE SUBCODE				COMPONENT CODE				COMP SUBCODE				VALVE SUBCODE			
S B (11)				E (12)				B (13)				V A L V O P (14)				X (15)				Z (16)			
9				11				12				13				19				20			
09		8		7		6		5		4		3		2		1		0		9			
17		LER/RO REPORT NUMBER		EVENT YEAR		23		SEQUENTIAL REPORT NO.		27		OCCURRENCE CODE		28		REPORT TYPE		30		REVISION NO.			
81		21		22		23		020		27		03		28		L		30		0			
33		ACTION TAKEN		FUTURE ACTION		35		EFFECT ON PLANT		37		SHUTDOWN METHOD		40		HOURS (22)		41		ATTACHMENT SUBMITTED			
A		18		Z		19		Z		20		Z		21		0000		22		Y			
33		34		35		36		37		38		39		40		41		42		43			
NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER		44		45		46		47		48		49		50		51			
Y		A		P195		44		45		46		47		48		49		50		51			
42		43		44		45		46		47		48		49		50		51		52			

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of this event is unknown. The motor and mounting bolts were replaced and

1 1 the valve was satisfactorily tested.

1 2

1 3

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FACILITY STATUS			% POWER			OTHER STATUS			METHOD OF DISCOVERY			DISCOVERY DESCRIPTION		
1	5	E	1	0	0	NA			A	Observation				
7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ACTIVITY RELEASE			CONTENT OF RELEASE			AMOUNT OF ACTIVITY			LOCATION OF RELEASE					
1	6	Z	13	14	15	NA			NA					
7	8	9	10	11	12	13	14	15	16	17	18	19	20	
PL			REL EXPOSURES			DESCRIPTION								
1	7	0	0	0	0	12	13	14	NA					
7	8	9	10	11	12	13	14	15	16	17	18	19	20	
PERSONNEL INJURIES			NUMBER			DESCRIPTION								
1	4	0	0	0	0	NA								
7	8	9	10	11	12	13	14	15	16	17	18	19	20	
LOSS OF OR DAMAGE TO FACILITY			TYPE			DESCRIPTION								
1	9	Z	NA											
7	8	9	10	11	12	13	14	15	16	17	18	19	20	
PUBLICITY			ISSUED			DESCRIPTION			NRC USE ONLY					
2	0	N	NA											
7	8	9	10	11	12	13	14	15	16	17	18	19	20	

NRC USE ONLY

8108210257 810814  
PDR ADCK 05000271  
S PDR

Warren P. Murphy

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Figure 1. A schematic diagram of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group received a standard training program, while the experimental group received a modified training program. The results of the training program were compared between the two groups.

VTVYS1  
05000271  
LER 81-20/3L

#### EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

While on a plant tour, the Assistant Plant Superintendent observed that 4 motor mount bolts on the limitorque operator for valve R (Upper Containment Spray) were sheared. This valve rendered the Containment Spray Subsystem inoperable which is contrary to Tech. Spec. Section 3.5.B.1. Operability of the A and C RHR Service Water Pumps was verified immediately. Approximately 8 hours later, the A and C RHR pumps and the heat exchanger were verified operable in accordance with Tech. Spec. Section 4.5.B.2. Subsequent to the completed alternate testing of the subsystem, the RHR 31B valve was tested satisfactorily.

As a result of this event, there were no consequences to the public health and safety. No similar occurrences have been reported to the commission.

#### CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

The cause of this event is unknown. The motor and mounting bolts were replaced and the valve was satisfactorily tested. Investigation of maintenance records has revealed that there have been no similar failures of this type in this system since initial operation. An evaluation of the basis for sizing the mounting bolts will be accomplished. In addition, the importance and timeliness of the required alternate testing was reviewed with the affected operators.