

# LICENSEE EVENT REPORT

NO. -77-2-9 (B)

CONTROL BLOCK: 

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(PLEASE PRINT ALL REQUIRED INFORMATION)

01	N Y I P S 2	00-000000-00	41111	03
7 8 9	14	15 25	26 30	31 32

01	CONT	L	L	050-0247	042777	052777
7 8	57 58	59	60	61 68	69 74	75 80

### EVENT DESCRIPTION

02 During cold shutdown, a visual inspection of No. 21 RHR pump revealed  
 03 leaks in the seal water piping to and from the mechanical seal heat ex-  
 04 changer. The leaks were in heat affected areas associated with socket  
 05 weld connections. The pump was removed from service and isolated, and  
 06 No. 22 pump was placed in service. [R.O.-77-2-9(B)].

07	C F	E	P I P E X X	N	X 9 9 9	N
7 8 9 10	11	12	17	43	44 47	48

### CAUSE DESCRIPTION

02 The cause of the leakage was attributed to excessive vibration in the  
 03 rigid piping to and from the heat exchanger. To minimize the effect of  
 04 vibration in this area, the rigid piping was replaced with stainless

11	G	000	NA	B	Routine Surveillance
7 8 9	10	12 13	44	45	46 80

12	Z	Z	NA	NA	NA
7 8 9	10	11	44	45	80

### PERSONNEL EXPOSURES

13	000	Z	NA
7 8 9	11	12	13

### PERSONNEL INJURIES

14	000	NA
7 8 9	11	12

### PROBABLE CONSEQUENCES

15 NA

### LOSS OR DAMAGE TO FACILITY

16	Z	NA
7 8 9	10	

### PUBLICITY

17 NA

### ADDITIONAL FACTORS

18 (Cause Desc. Cont.) - steel tubing and swagelok fittings.

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