

## BIBLIOGRAFIA ELENCO DEI LIBRI

CONTROL BLOCK:

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME					LICENSE NUMBER								LICENSE TYPE					EVENT TYPE					
F	L	C	R	P	3	0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	1	0	3
7	8	9			14	15									25	26					31	32	

  

CONT		CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER						EVENT DATE					REPORT DATE								
0	1	-	-	L	L	0	5	0	-	0	3	0	2	0	2	2	5	7	7	0	3	1	4	7	7
7	8	57	58	59	60	61							68	69					74	75					80

**EVENT DESCRIPTION**

02	Following a Reactor trip, Main Steam Relief Valve MSV-36 opened at 990 psig. This is	80
03	below Technical Specification 3.7.1.1 value of 1050 psig. There were redundant systems	80
04	operable and available. This was not a repetitive occurrence. As soon as plant con-	80
05	ditions permitted, the valve was recalibrated to within 1 percent of 1050 psig.	80
06	(77-21)	80
SYSTEM	CAUSE	80
	PRIME	80

## CAUSE DESCRIPTION

00	MSV-36 Relief Valve lifted due to reasons that are unknown at this time as the balance	
7		9
00	of the Relief Valves did not open.	60

11	7	U	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
FACILITY STATUS			% POWER			OTHER STATUS			METHOD OF DISCOVERY			DISCOVERY DESCRIPTION																																																														
G			0 0 0			N/A			A			N/A																																																														
FORM OF ACTIVITY RELEASED			CONTENT OF RELEASE			AMOUNT OF ACTIVITY			LOCATION OF RELEASE																																																																	
Z			Z			N/A			N/A																																																																	
12			10			11			44			45			80																																																											

## PERSONNEL EXPOSURES

NUMBER			TYPE	DESCRIPTION
13	0	0	2	N/A

## PERSONNEL INJURIES

NUMBER			DESCRIPTION
1	0	0	N/A

### OFFSITE CONSEQUENCES

10	09	N/A
----	----	-----

LOSS OR DAMAGE TO FACILITY

U	9	10	TYPE	DESCRIPTION
			Z	N/A

## PUBLICITY

17	N/A
----	-----

### ADDITIONAL FACTORS

See attached Supplementary Information.

8002270767

NAML W. P. Stewart

PHON: (813) 866-4159

### Supplementary Information

1. Report No: 50-302/77-21
2. Facility: Crystal River Unit #3
3. Report Date: 14 March 1977
4. Occurrence Date: 25 February 1977
5. Identification of Occurrence:

Main Steam Relief Valve MSV-36 lifted at a pressure of 990 psig. The required setpoint is 1050 psig  $\pm$  1%.

6. Conditions Prior to Occurrence:

On 25 February 1977, Crystal River Unit #3 experienced a Reactor trip, and the Unit was returning to Mode 4 (Hot Shutdown).

7. Description of Occurrence:

While entering Mode 4, following a Reactor trip, the Main Steam Relief Valve MSV-36 opened below the required setpoint. No other Main Steam Relief Valves opened at this time. There was no safety significance, as the Reactor was in a tripped condition at the time of the occurrence. The balance of the MSV's were operable and redundancy was maintained. When the steam pressure decreased to a point below the MSV setpoint, the setpoint was checked and reset.

8. Designation of Apparent Cause of Occurrence:

The cause of this occurrence was determined to be a normal setpoint drift.

9. Analysis of Occurrence:

This was the first occurrence of this event involving a Main Steam Safety Valve. When plant conditions allowed, the valve was calibrated to the proper setpoint.

10. Corrective Action:

Main Steam Relief Valve MSV-36 was calibrated to the correct lift setpoint of 1050 psig  $\pm$  1%.

11. Failure Data:

No previous events of this type have occurred.