

LICENSEE EVENT REPORT

CONTROL BLOCK:

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

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME F L C R P 3						LICENSE NUMBER 0 0 - 0 0 0 0 0 - 0 0						LICENSE TYPE 4 1 1 1 1				EVENT TYPE 0 3			
7	8	9	14	15	25	26	30	31	32										
01 CONT		CATEGORY - -		REPORT TYPE L		REPORT SOURCE L		DOCKET NUMBER 0 5 0 - 0 3 0 2				EVENT DATE 0 3 0 7 7 7				REPORT DATE 0 3 2 9 7 7			
7	8	57	58	59	60	61	68	69	74	75	80								

EVENT DESCRIPTION

02	Operating in Mode 1, a start of the Turbine driven EFWP was attempted remotely using Main								80
03	Steam. The EFWP tripped due to overspeed and was declared inoperable per Technical								80
04	Specification 3.7.1.2.b. Redundancy was maintained with the electric driven EFWP. This								80
05	event was not repetitive and pump was restored operable using Auxiliary Steam lineup.								80
06	(77-24)								80

SYSTEM CODE H H		CAUSE CODE E		COMPONENT CODE M E C F U N				PRIME COMPONENT SUPPLIER A		COMPONENT MANUFACTURER W 2 9 0			VIOLATION N	
7	8	9	10	11	12	17	43	44	47	48			80	

CAUSE DESCRIPTION

07	Steam supply valve opens sufficiently fast on remote start to admit Main Steam faster								80
08	than governor response. Overspeed trip. The EFWP was supplied by Auxiliary Steam and								80
09	declared operable within 72 hours.								80

FACILITY STATUS E		% POWER 0 4 0		OTHER STATUS N/A		METHOD OF DISCOVERY B		DISCOVERY DESCRIPTION N/A				
7	8	9	10	12	13	44	45	46	80			

FORM OF ACTIVITY RELEASED Z		CONTENT OF RELEASE Z		AMOUNT OF ACTIVITY N/A				LOCATION OF RELEASE N/A			
7	8	9	10	11	44	45	80				

PERSONNEL EXPOSURES

NUMBER 0 0 0		TYPE Z		DESCRIPTION N/A					
7	8	9	11	12	13	80			

PERSONNEL INJURIES

NUMBER 0 0 0		DESCRIPTION N/A						
7	8	9	11	12	80			

OFFSITE CONSEQUENCES

N/A						
7	8	9	80			

LOSS OR DAMAGE TO FACILITY

TYPE 		DESCRIPTION N/A					
7	8	9	10	80			

PUBLICITY

N/A						
7	8	9	80			

ADDITIONAL FACTORS

See attached Supplementary Information								8002270'56				
7	8	9	80						80			

10									80
----	--	--	--	--	--	--	--	--	----

NAME: W. P. Stewart *WPS* PHONE: (813) 866-4159

SUPPLEMENTARY INFORMATION

1. Report No: 50-302/77-24

2. Facility: Crystal River Unit #3

3. Report Date: 29 March 1977

4. Occurrence Date: 7 March 1977

5. Identification of Occurrence:

Failure to have two Emergency Feedwater Pumps available and operable from two independent power sources as defined by Technical Specification 3.7.1.2.b.

6. Conditions Prior to Occurrence:

At steady state condition in Mode 1, 40% power, a start of 3B Turbine driven Emergency Feedwater Pump was attempted to inspect for packing leakage.

7. Description of Occurrence:

At 1200 on 7 March 1977, 3B Turbine driven Emergency Feedwater Pump was started from the Control Board with Main Steam as the supply. The pump tripped on overspeed and was declared inoperable per Technical Specification 3.7.1.2.b. Further investigation revealed that the pump operated normally when started locally on Main Steam. The steam source was changed to Auxiliary Steam and the pump operated normally both locally and from the Control Board. With the lineup on Auxiliary Steam the pump was declared operable.

8. Designation of Apparent Cause of Occurrence:

On initial steam admission, Turbine throttle valve opens fully. Steam supply valve opens sufficiently fast on remote start to admit Main Steam faster than governor can respond to throttle the flow. Turbine then trips on overspeed.

9. Analysis of Occurrence:

Redundancy is provided by motor driven Emergency Feedwater Pump which was determined available and operable. Turbine driven EFWP is operable both locally and remotely when lined up on Auxiliary Steam. Should this supply become unavailable, startup of the pump can be accomplished manually using Main Steam lineup within the time frame required by the Safety Analysis. There were no adverse safety consequences resulting from this occurrence.

10. Corrective Action:

As a result of this occurrence, Auxiliary Steam lineup is maintained for standby EFWP condition. Engineering has been requested to provide means to prevent remote, Main Steam startup problem.

11. Failure Data:

There have been no previous occurrences of this type.