

LICENSEE EVENT REPORT

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 1				0 3	
CATEGORY		REPORT TYPE		REPORT SOURCE		DOCKET NUMBER						EVENT DATE				REPORT DATE					
- -		L		L		0 5 0 - 0 3 0 2						0 3 0 2 7 7				0 3 1 8 7 7					

EVENT DESCRIPTION

02 | In Mode 3, in the process of recovering pressurizer level after Turbine/Reactor trip
 03 | caused by inverter diode failure and subsequent RCS cooldown (LER 77-20). the level of
 04 | the BWST was reduced below the required level as defined by Technical Specification
 05 | 3.1.2.9.b.1. No redundant systems were available and this event was not repetitive. The
 06 | normal level of the BWST was re-established prior to re-entry into Mode 2 (77-23)

SYSTEM CODE		CAUSE CODE		COMPONENT CODE				PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER			VIOLATION	
S F		F		A C C U M U				A		Z 9 9 9			N	

CAUSE DESCRIPTION

08 | Approximately 20,000 gallons of borated water from the BWST was used to restore pressuri-
 09 | zer level which had dropped during RCS cooldown. This was the correct action to be taken
 10 | in response to the conditions present. Normal level was re-established.

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					

PERSONNEL EXPOSURES

NUMBER		TYPE		DESCRIPTION	
0 0 0		Z		N/A	

PERSONNEL INJURIES

NUMBER		DESCRIPTION	
0 0 0		N/A	

OFFSITE CONSEQUENCES

N/A	
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LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION	
		N/A	

PUBLICITY

N/A	
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ADDITIONAL FACTORS

See attached Supplementary Information.

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Supplementary Information

1. Report No: 50-302/77-23
2. Facility: Crystal River Unit #3
3. Report Date: 18 March 1977
4. Occurrence Date: 2 March 1977
5. Identification of Occurrence:

Reduction of level in Borated Water Storage Tank to below Technical Specification requirement (Technical Specification 3.1.2.9.b.1).
6. Conditions Prior to Occurrence:

Plant was in Mode 2 following Turbine/Reactor trip and subsequent cool-down.
7. Description of Occurrence:

At 1948 on 2 March 1977, failure of an output diode in "B" inverter caused Turbine/Reactor trip with attendant excessive cooldown rate as reported by LER 77-20. At approximately 1955, in order to restore pressurizer level, makeup to the Reactor Coolant System from the BWST was commenced. Approximately 20,000 gallons was used, reducing the volume in the tank from 420,000 gallons to approximately 400,000 gallons. The level in the tank was restored to greater than 415,000 gallons prior to re-entry into Mode 2.
8. Designation of Apparent Cause of Occurrence:

As described above, operator action in response to dropping pressurizer level caused BWST level to reduce below Technical Specification requirement.
9. Analysis of Occurrence:

Using water from the BWST is the correct action under the conditions present. With 400,000 gallons remaining in the tank and the plant in Mode 3, there were no adverse safety consequences.
10. Corrective Action:

No corrective action is required as operator action and system function were in accordance with requirements of the existing conditions.
11. Failure Data:

No previous events of this type have occurred.