

LICENSEE EVENT REPORT

CONTROL BLOCK: [ 1 2 3 4 5 6 ]

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME: [ F L C R P ] [ 3 ] [ 0 0 - 0 0 0 0 0 - 0 0 ] [ 4 1 1 1 1 ] [ 0 3 ]  
 LICENSE NUMBER: [ 0 0 - 0 0 0 0 0 - 0 0 ] [ 4 1 1 1 1 ] [ 0 3 ]  
 LICENSE TYPE: [ 4 1 1 1 1 ] [ 0 3 ]  
 EVENT TYPE: [ 0 3 ]  
 CATEGORY: [ 0 1 ] CONT [ - - ] [ - ] [ - ] [ 0 5 0 - 0 3 0 2 ] [ 0 7 0 9 7 7 ] [ 0 8 0 2 7 ]  
 REPORT TYPE: [ - ] [ - ] [ - ] [ - ] [ 0 5 0 - 0 3 0 2 ] [ 0 7 0 9 7 7 ] [ 0 8 0 2 7 ]  
 REPORT SOURCE: [ - ] [ - ] [ - ] [ - ] [ 0 5 0 - 0 3 0 2 ] [ 0 7 0 9 7 7 ] [ 0 8 0 2 7 ]  
 DOCKET NUMBER: [ 0 5 0 - 0 3 0 2 ] [ 0 7 0 9 7 7 ] [ 0 8 0 2 7 ]  
 EVENT DATE: [ 0 7 0 9 7 7 ] [ 0 8 0 2 7 ] [ 0 8 0 2 7 ]  
 REPORT DATE: [ 0 8 0 2 7 ] [ 0 8 0 2 7 ] [ 0 8 0 2 7 ]

EVENT DESCRIPTION

[ 0 2 ] In mode 1 (power operation) on 9 July 1977 and 10 July 1977 preparing to add boric acid  
 [ 0 3 ] to the makeup tank, both chemical addition pumps 3A and 3B were found to be inoperable  
 [ 0 4 ] contrary to Technical Specification 3.1.2.2. Redundancy was maintained with the HPI  
 [ 0 5 ] pumps and the BWST. Second occurrence of this event, refer LER 77-53. Both pumps were  
 [ 0 5 ] restored operable by venting. (LER 77-77)

SYSTEM CODE: [ R B ] [ E ] [ P U M P X X ] [ N ] [ C 3 0 0 ] [ N ]  
 CAUSE CODE: [ E ] [ P U M P X X ] [ N ] [ C 3 0 0 ] [ N ]  
 COMPONENT CODE: [ P U M P X X ] [ N ] [ C 3 0 0 ] [ N ]  
 PRIME COMPONENT SUPPLIER: [ N ] [ C 3 0 0 ] [ N ]  
 COMPONENT MANUFACTURER: [ C 3 0 0 ] [ N ]  
 VIOLATION: [ N ] [ N ]

CAUSE DESCRIPTION

[ 0 8 ] The pumps were believed to have been airbound. Vent valves were installed on each pump  
 [ 0 9 ] to preclude recurrence. Event has not recurred since.  
 [ 1 0 ]

FACILITY STATUS: [ E ] [ 1 0 0 ] [ NA ] [ A ] [ NA ]  
 % POWER: [ 1 0 0 ] [ NA ] [ A ] [ NA ]  
 OTHER STATUS: [ NA ] [ A ] [ NA ]  
 METHOD OF DISCOVERY: [ A ] [ NA ]  
 DISCOVERY DESCRIPTION: [ NA ]  
 FORM OF ACTIVITY RELEASED: [ Z ] [ NA ] [ NA ] [ NA ]  
 CONTENT OF RELEASE: [ Z ] [ NA ] [ NA ]  
 AMOUNT OF ACTIVITY: [ NA ] [ NA ]  
 LOCATION OF RELEASE: [ NA ]

PERSONNEL EXPOSURES

[ 1 3 ] [ 0 0 0 ] [ Z ] [ NA ]

PERSONNEL INJURIES

[ 1 4 ] [ 0 0 0 ] [ NA ]

OFFSITE CONSEQUENCES

[ 1 5 ] [ NA ]

LOSS OR DAMAGE TO FACILITY

[ 1 6 ] [ Z ] [ NA ]

PUBLICITY

[ 1 7 ] [ NA ]

ADDITIONAL FACTORS

[ 1 8 ]

[ 1 9 ] See Attached Supplementary Information

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

SUPPLEMENTARY INFORMATION

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

2. Facility: Crystal River Unit #3

3. Report Date: 2 August 1977

4. Occurrence Date: 9-10 July 1977

5. Identification of Occurrence:

Chemical addition pumps CAP-3A and 3B inoperable contrary to Technical Specifications 3.1.2.2.

6. Conditions Prior to Occurrence:

Mode 1 power operation.

7. Description of Occurrence:

At 0810 on 9 July 1977 and 0815, 10 July 1977 preparing to add boric acid to the makeup tank, chemical addition pumps 3A or 3B would not deliver boric acid to the tank. The pumps were determined to be airbound and were vented on each occurrence, restoring operability.

8. Designation of Apparent Cause:

The system was thoroughly checked and no immediate cause for the pumps being airbound was found.

9. Analysis of Occurrence:

This event had no safety significance as the high pressure injection pumps and the borated water storage tank were available and operable.

10. Corrective Action:

Vent valves were installed on each pump and appear to have been effective in precluding recurrence as the event has not repeated.

11. Failure Data:

These two occasions constituted the second occurrence of this event. Previous occurrence reported as LER 77-53.