

# LICENSEE EVENT REPORT

CONTROL BLOCK:                                                                  

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME: 01 F L C R P 3      LICENSE NUMBER: 0 0 - 0 0 0 0 0 0 - 0 0      LICENSE TYPE: 4 1 1 1 1      EVENT TYPE: 0 4

7 8 9      14      15      25      26      30      31      32

REPORT TYPE: 01 CONT      CATEGORY: - -      REPORT SOURCE: L      DOCKET NUMBER: 0 5 0 - 0 3 0 2      EVENT DATE: 0 7 2 7 7 7      REPORT DATE: 0 8 0 3 7 7

7 8      57 58      59      60      61      68      69      74      75      80

## EVENT DESCRIPTION

02 In mode 1 operation, an unplanned radioactive gas release to the Auxiliary Building  
7 8 9

03 occurred contrary to Environmental Technical Specification 5.6.2.A. Redundancy NA. The  
7 8 9

04 Auxiliary Building was evacuated immediately and ventilation was resumed when the high  
7 8 9

05 radiation alarms cleared. The fourth occurrence of this event.  
7 8 9

06 (LER 77-80E)  
7 8 9

SYSTEM CODE: 07 M B      CAUSE CODE: E      COMPONENT CODE: Z Z Z Z Z Z      PRIME COMPONENT SUPPLIER: Z      COMPONENT MANUFACTURER: Z 9 9 9      VIOLATION: N

7 8 9 10      11      12      17      43      44      47      48

## CAUSE DESCRIPTION

08 This occurrence was due to the concentrated waste storage tanks loop seals being blown.  
7 8 9

09 The loop seals were re-established and the surveillance of them increased.  
7 8 9

FACILITY STATUS: 11 E      % POWER: 1 0 0      OTHER STATUS: NA      METHOD OF DISCOVERY: A      DISCOVERY DESCRIPTION: High radiation on RMA-2g & 3g shutting  
7 8 9      10      12 13      44      45      46

FORM OF ACTIVITY RELEASED: 12 G      CONTENT OF RELEASE: N      AMOUNT OF ACTIVITY: 2.7 curies noble gas      LOCATION OF RELEASE: Release to Aux. Bldg. vent to atmosphere  
7 8 9      10      11      44      45      46

## PERSONNEL EXPOSURES

13 NUMBER: 0 0 0      TYPE: Z      DESCRIPTION: NA  
7 8 9      11      12      13

## PERSONNEL INJURIES

14 NUMBER: 0 0 0      DESCRIPTION: NA  
7 8 9      11      12

## OFFSITE CONSEQUENCES

15 NA  
7 8 9

## LOSS OR DAMAGE TO FACILITY

16 TYPE: Z      DESCRIPTION: NA  
7 8 9      10

## PUBLICITY

17 NA  
7 8 9

## ADDITIONAL FACTORS

18 See attached Supplementary Information  
7 8 9

19 off Auxiliary Bldg. supply air fans.  
7 8 9

8002280849

SUPPLEMENTARY INFORMATION

1. Report No.: 50-302/77-80E
2. Facility: Crystal River Unit #3
3. Report Date: 4 August 1977
4. Occurrence Date: 27 July 1977
5. Identification of Occurrence:

Unplanned release of radioactive gas contrary to Environmental Technical Specification 5.6.2.A.
6. Conditions Prior to Occurrence:

Mode 1 power operation.
7. Description of Occurrence:

At 0950 high radiation alarms exceeding the Administrative limits were received from radiation monitors RMA-2 & 3. The Auxiliary Building was immediately evacuated and investigation revealed the concentrated storage tanks loop seals had blown, causing an unplanned radioactive gas release. The maximum instantaneous release rate at the peak of the discharge profile was .066% of the most restrictive release limit set forth in ETS 2.4.2.A(1). The loop seals were re-established and when the high radiation alarm cleared, the supply air to the Auxiliary Building re-started and ventilation resumed.
8. Designation of Apparent Cause:

Blown loop seals of the concentrated waste storage tanks causing a radioactive gas release to the Auxiliary Building.
9. Analysis of Occurrence:

The health and safety of the plant and public were not affected, as the maximum instantaneous release rates were not exceeding.
10. Corrective Action:

The blown loop seals were re-established and surveillance of them increased.
11. Failure Data:

This was the fourth occurrence of an unplanned release originating from the waste gas system as reported by LER's 77-49E, 77-61E, and 77-73E