LICENSEE EVENT REPORT

CONTROL BLOCK: [ ] (1–5) (PLEASE PRINT ALL REQUIRED INFORMATIC

	LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01	FLCRP3 (7–14)	00-000-00 (15–25)	4 1 1 1 1 (26–30)	0 4 (31–32)

	CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01 CON'T	- - (57–58)	T (59)	L (60)	050-0302 (61–68)	072977 (69–74)	081277 (75)

EVENT DESCRIPTION

02 In mode 1 operation, it was determined on 4 August 1977 by the PRC that on 29 July
03 and 2 August 1977, probable unplanned radioactive gas releases to the Auxiliary Building
04 occurred contrary to E.T.S. 5.6.2.A. Redundancy NA. The fifth occurrence of this
05 event. Due to the brevity of these releases there were no measurable changes in the
06 continuous release concentrations. (LER 77-93E)

	SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07	MB (10)	E (11)	ZZZZZZ (12–17)	Z (43)	Z99 (44–47)	N (48)

CAUSE DESCRIPTION

08 These occurrences were caused by a blown loop seal on the waste evaporator. The loop
09 seal was re-established on each occurrence.
10

	FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11	E (9)	100 (10–12)	NA (13–44)	A (45)	High radiation alarm on RMA-2g (46)

	FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12	G (9)	N (10)	Not measurable (11–44)	Auxiliary Building (45)

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION
13	000 (11)	Z (12)	NA (13)

PERSONNEL INJURIES

	NUMBER	DESCRIPTION
14	000 (11)	NA (12)

OFFSITE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

	TYPE	DESCRIPTION
16	Z (9)	NA (10)

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 8002280777

19 SEE ATTACHED SUPPLEMENTARY INFORMATION

NAME: W. P. Stewart PHONE: 813/866-4159

SUPPLEMENTARY INFORMATION

1. Report No.: 50-302/77-93E

2. Facility: Crystal River Unit #3

3. Report Date: 12 August 1977

4. Occurrence Date: 29 July 1977 and 2 August 1977 (discovered 4 August 1977)

5. Identification of Occurrence:

Unplanned radioactive gas release contrary to Environmental Technical Specification 5.6.2.A.

6. Conditions Prior to Occurrence:

Mode 1 power operation.

7. Description of Occurrence:

It was discovered on 4 August 1977 that radiation monitor RMA-2 went into high alarm on two occasions. The alarms occurred on 29 July and 2 August 1977. The Plant Review Committee determined that a probable unplanned radioactive gas release had occurred on each date. Upon each occurrence, the high alarm cleared immediately and ventilation to the Auxiliary Building was resumed. Investigation revealed that on each occasion the loop seal on the waste evaporator had blown. Because of the brevity of the incident, there were no measurable changes in the release concentration on either occasion.

8. Designation of Apparent Cause:

Blown loop seal of the waste evaporator causing a probable 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 releases were of such short durations that they could not be measured.

10. Corrective Action:

The waste gas system is now being evaluated by Production and Plant Engineering, and corrective action will be implemented upon receipt of recommendations.

11. Failure Data:

This is the fifth occurrence of this event, as reported on LER's 77-49E, 77-61E, 77-73E, and 77-80E.