LICENSEE EVENT REPORT

CONTROL BLOCK: (1–8) (PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
FLCRP3 (7–14)	00–00000–00 (15–25)	41111 (26–30)	04 (31–32)

CONT	CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01	– – (57–58)	T (59)	L (60)	050–0302 (61–68)	071977 (69–74)	072677 (75–80)

EVENT DESCRIPTION

02 In mode 1 operation, the Reactor Building was purged for 22 minutes unmonitored causing
03 a radioactive release to the atmosphere exceeding 100 uci/sec contrary to E.T.S. 2.4.2.G
04 and K, 5.6.2.A and S.T.S. 3.3.2.1, Table 3.3-4. Redundancy NA. This event was non-
05 repetitive. Upon discovery the purge was ceased immediately. Reactor Building operating
06 procedure OP-417 has been revised to ensure the operability of the R.B. purge monitor (LER 77-74E)

SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07 SB (9–10)	D (11)	ZZZZZZ (12–17)	Z (43)	Z999 (44–47)	Y (48)

CAUSE DESCRIPTION

08 The Reactor Building operating procedure OP-417 did not insure the operability of the R.B.
09 purge radiation monitor Rm-A1. Op-417 has been revised to ensure operability of RM-A1 be-
10 fore purging.

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11 E (9)	088 (10–12)	NA (13–44)	A (45)	NA (46–80)

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12 G (9)	N (10)	.739 curies noble gas (11–44)	Reactor Bldg. vent to atmosphere (45–80)

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
13 000 (9–11)	Z (12)	NA (13–80)

PERSONNEL INJURIES

NUMBER	DESCRIPTION
14 000 (9–11)	NA (12–80)

OFFSITE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION
16 Z (9)	NA (10–80)

PUBLICITY

17 NA

ADDITIONAL FACTORS

RM-A1 before purging the Reactor Building.

10 SEE ATTACHED SUPPLEMENTARY INFORMATION

8008040 918

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

GPO 881-667

SUPPLEMENTARY INFORMATION

1. Report No.: 50-302/77-74E

2. Facility: Crystal River Unit #3

3. Report Date: 26 July 1977

4. Occurrence Date: 19 July 1977

5. Identification of Occurrence:

An unmonitored radioactive release to the atmosphere exceeding 100 μci/sec contrary to Environmental Technical Specifications 2.4.2.G & K, 5.6.2.A and Standard Technical Specification 3.3.2.1, Table 3.3-4.

6. Conditions Prior to Occurrence:

Mode 1 power operation.

7. Description of Occurrence:

At 10:45 in the progress of purging the Reactor Building, it was discovered that radiation monitor RM-A1 was inoperable. This constituted an unmonitored radioactive release to the atmosphere for a period of 22 minutes, at a release rate of 559.5 microcuries per second. The purge was ceased immediately upon discovery and radiation monitor RM-A1 restored operable.

8. Designation of Apparent Cause:

The cause of this event was due to a procedural inadequacy in that containment operating procedure OP-417 did not insure RM-A1 running while purging the Reactor Building.

9. Analysis of Occurrence:

The health and safety of the plant and public were not affected as the 559.5 microcurie per second release rate for 22 minutes represented 0.041% of the maximum allowable instantaneous release rate.

10. Corrective Action:

The Reactor Building operating procedure OP-417 has been revised to ensure operability of radiation monitor RM-A1 before commencing a Reactor Building purge.

11. Failure Data:

This was the first occurrence of this event.