CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

FLCRP3 (2) 00-00000-00 (3) 4 1 1 1 1 (4) (5)

LICENSEE CODE — LICENSE NUMBER — LICENSE TYPE

CONT

REPORT SOURCE L (6) 050-0302 (7) 03028 1 (8) 03181 (9)

DOCKET NUMBER — EVENT DATE — REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

At 1400 during routine surveillance testing in Mode 5 operations, it was discovered that Reactor Coolant System (RCS) chloride concentration was 0.18 ppm. This created an event contrary to Technical Specification (T.S) 3.4.7. Redundancy NA. There was no hazard created for the plant or general public as a result of this event. This is the fifth occurrence of high chloride in the RCS and the sixth event reported under this Specification. Reference LER's 79-23, 79-66, 79-67, 80-18, and 80-26.

SYSTEM CODE: CG (11) — CAUSE CODE: D (12) — CAUSE SUBCODE: Z (13) — COMPONENT CODE: ZZZZZZ (14) — COMP SUBCODE: Z (15) — VALVE SUBCODE: Z (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR 81 — SEQUENTIAL REPORT NO. 013 — OCCURRENCE CODE 03 — REPORT TYPE L — REVISION NO 0

ACTION TAKEN: X (18) — FUTURE ACTION: G (19) — EFFECT ON PLANT: C (20) — SHUTDOWN METHOD: Z (21) — HOURS: 000 (22) — ATTACHMENT SUBMITTED: Y (23) — NPRDS: N (24) — PRIME COMP SUPPLIER: Z (25) — COMPONENT MANUFACTURER: Z 9 9 9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

During oxygen scavenging operations utilizing hydrazine, the Makeup and Purification Demineralizer (M&P Demin.) was placed into service causing chlorides to be released from Demin. Revisions to OP-202 (Plant Heatup) and OP-403 (Chemical Addition System) will be issued by 30 April 1981 and are intended to prevent recurrence of this type event.

FACILITY STATUS: G (28) — % POWER: 000 (29) — OTHER STATUS (30): NA — METHOD OF DISCOVERY: B (31) — DISCOVERY DESCRIPTION (32): Chemistry Surveillance

ACTIVITY CONTENT — RELEASED OF RELEASE: Z (33) — AMOUNT OF ACTIVITY (35): NA — LOCATION OF RELEASE (36): NA

PERSONNEL EXPOSURES — NUMBER: 0000 (37) — TYPE: Z (38) — DESCRIPTION (39): NA

PERSONNEL INJURIES — NUMBER: 0000 (40) — DESCRIPTION (41): NA

LOSS OF OR DAMAGE TO FACILITY — TYPE: Z (42) — DESCRIPTION (43): NA

PUBLICITY — NRC USED: N (44) — DESCRIPTION (45): NA — NRC USE ONLY

Name of Preparer: B P Komara — PHONE: (904) 795-6486

(SEE ATTACHED SUPPLEMENTARY INFORMATION SHEET)

SUPPLEMENTARY INFORMATION

Report No.: 50-302/81-013/03L-0

Facility: Crystal River Unit 3

Report Date: 31 March 1981

Occurrence Date: 2 March 1981

Identification of Occurrence:

Reactor Coolant System (RCS) chloride concentration exceeded the limits imposed by Technical Specification (T.S) 3.4.7.

Conditions Prior to Occurrence:

Mode 5 cold shutdown.

Description of Occurrence:

During the period from 1400 to 2032 on 2 March 1981, the chloride concentration in the RCS exceeded the T.S. Steady State Limit of </=0.15 ppm. The maximum chloride concentration reached was 0.18 ppm. The Makeup and Purification System reduced the chloride concentration to within T.S. limits after RCS hydrazine concentration was reduced.

Designation of Apparent Cause:

The cause of this event is attributed to operation of the Makeup and Purification Demineralizer prior to reduction of the hydrazine concentration in the RCS.

Analysis of Occurrence:

There was no hazard created for the plant or general public as a result of this event.

Corrective Action:

OP-202 (Plant Heatup) and OP-403 (Chemical Addition System) are being revised to preclude recurrence of this type event. Revised procedures will be issued by 30 April 1981.

Failure Data:

This is the sixth event reported under this Specification; however, the first as a result of operating the Makeup and Purification Demineralizer while a hydrazine concentration was present in the RCS.

/rc