

LICENSEE EVENT REPORT

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

0 1 | F | L | S | L | S | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 4 | 5

7 3 | 3 | 3 | 14 | 15 | 25 | 26 | 30 | 37 | 38 | 39

LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 38

CON'T

0 1 | L | 0 | 5 | 0 | 0 | 0 | 3 | 3 | 5 | 7 | 1 | 1 | 2 | 6 | 8 | 2 | 3 | 1 | 2 | 2 | 7 | 8 | 2 | 9

7 3 | 30 | 31 | 38 | 39 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60

REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During normal full power operation, a safety injection signal was inadver-

0 3 | tently actuated while performing a monthly preventive maintenance test.

0 4 | All appropriate automatic actions occurred, however, vital power supplies

0 5 | were lost immediately after the Safety Injection signal was actuated. The

0 6 | reactor was manually tripped and an unusual event was declared at 2:32 P.M.

0 7 | Normal plant status was restored at approximately 3:07 P.M. During the

0 8 | return to power, the DEQ I-131 exceeded the TS limit of 1.0 uCi/gm.

0 9 |

SYSTEM CODE: I B (11) CAUSE CODE: 2 (12) CAUSE SUBCODE: C (13) COMPONENT CODE: X X X X X X X (14) COMP SUBCODE: Z (15) VALVE SUBCODE: Z (16)

17 | LER/RO REPORT NUMBER: 8 2 (21) SEQUENTIAL REPORT NO: 0 6 2 (24) OCCURRENCE CODE: 0 3 (28) REPORT TYPE: L (30) REVISION NO: 0 (32)

ACTION TAKEN: Z (18) FUTURE ACTION: Z (19) EFFECT ON PLANT: A (20) SHUTDOWN METHOD: B (21) HOURS: 0 1 7 (22) ATTACHMENT SUBMITTED: Y (23) NRC FORM SUB: N (24) PRIME COMP SUPPLIER: Z (25) COMPONENT MANUFACTURER: Z 9 9 9 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | Plant maintenance personnel incorrectly positioned a trip test switch

1 1 | causing the Safety Injection Actuation Signal upon testing. The simul-

1 2 | taneous loading of all STAS equipment caused an undervoltage condition.

1 3 | An incorrectly set timer for undervoltage on the 480V Bus caused the relay

1 4 | to trip. The undervoltage relay was properly set and returned to service.

1 5 | FACILITY STATUS: E -3 (8) % POWER: 0 9 9 (29) OTHER STATUS: NA (30) METHOD OF DISCOVERY: A (31) DISCOVERY DESCRIPTION: Operator Observation (32)

1 6 | ACTIVITY CONTENT: Z (33) AMOUNT OF ACTIVITY: NA (35) LOCATION OF RELEASE: NA (36)

1 7 | PERSONNEL EXPOSURES: 0 0 0 (37) Z (38) DESCRIPTION: NA (39)

1 8 | PERSONNEL INJURIES: 0 0 0 (40) DESCRIPTION: NA (41)

1 9 | LOSS OF OR DAMAGE TO FACILITY: Z (42) DESCRIPTION: NA (43)

2 0 | PUBLICITY: N (44) DESCRIPTION: NA (45)

NAME OF PREPARER: T. S. Rotella PHONE: (305) 465-3550

EVENT DESCRIPTION (continued)

At approximately 2:22 P.M., during normal full power operation, Safety Injection Actuation Signals (SIAS), for channels A and B on the Emergency Safety Features Actuation System (ESFAS) cabinet, were inadvertently actuated by plant maintenance personnel while performing a monthly preventive maintenance test. All appropriate automatic actions occurred, however, simultaneously, the Static Uninterruptable Power Supply (SUPS) was lost. The reactor was manually tripped. The diesel generators automatically loaded to provide AC power to the plant vital loads. An Unusual Event was declared at approximately 2:32 P.M. Vital power and normal plant status was restored at approximately 3:07 P.M. During the return to power, the dose equivalent iodine (DEQ) exceeded T.S. 3.4.8.a limit of 1.0 uCi/gm DEQ I-131. The DEQ iodine was first measured above the limit at 12:45 on 11-27-82 and remained above the limit for approximately 4 hours. The attached sheets contain information required by T.S. 3.4.8.d. The health and safety of the public was not affected by this event.

CAUSE DESCRIPTION

During a performance of the monthly preventive maintenance test for the ESFAS, plant maintenance personnel incorrectly positioned a trip test switch causing the bistable to initiate Safety Injection upon testing. The loss of the SUPS was caused by an incorrectly set time delay for the 480 volt Emergency Bus Undervoltage relay. The undervoltage condition was caused by the simultaneous loading of SIAS. The actuation time for the undervoltage relay was found set one second below the minimum required setpoint. The relay was adjusted to the proper time for actuation and the equipment returned to service.

SUPPLEMENTARY INFORMATION  
 TECHNICAL SPECIFICATION REPORT  
 DOSE EQUIVALENT IODINE

1. Reactor power history starting 48 hours prior to the first sample in which the limit was exceeded.

<u>Time</u>	<u>Average Reactor Power 11/25/82</u>	<u>Average Reactor Power 11/26/82</u>	<u>Average Reactor Power 11/27/82</u>
0000	99.18	Not Available	0.00
0100	99.18	99.41	0.00
0200	99.20	99.39	0.00
0300	99.26	99.39	0.00
0400	99.28	99.30	0.00
0500	99.26	99.30	0.00
0600	99.20	99.28	0.00
0700	99.23	99.23	0.00
0800	99.26	99.20	3.47
0900	99.28	99.20	27.68
1000	99.26	99.23	31.81
1100	99.26	99.20	29.48
1200	99.26	99.18	32.66
1300	Not Available	99.20	44.45
1400	98.49	99.20	50.14
1500	99.28	Not Available	49.88
1600	99.18	0.00	54.01
1700	99.05	0.00	65.53
1800	99.02	0.00	77.14
1900	99.15	0.00	89.01
2000	99.28	0.00	97.48
2100	99.36	0.00	99.15
2200	99.39	0.00	99.30
2300	99.41	0.00	99.41

2. Fuel Burnup by Core Region

See Attachment "A".

SUPPLEMENTARY INFORMATION (continued)

3. Cleanup Flow History starting 48 hours prior to the first sample in which the limit was exceeded.

<u>Time</u>	<u>Flow Rate (GPM) November 25, 1982</u>	<u>Flow Rate (GPM) November 26, 1982</u>	<u>Flow Rate (GPM) November 27, 1982</u>
0000	--	98	88
0100	--	98	88
0200	--	98	88
0300	--	98	88
0400	--	98	88
0500	--	98	88
0600	--	98	88
0700	--	98	88
0800	--	99	100
0900	--	98	100
1000	--	98	101
1100	--	99	100
1200	97	99	100
1300	98	99	--
1400	98	99	--
1500	97	95	--
1600	97	98	--
1700	97	99	--
1800	98	99	--
1900	98	99	--
2000	98	99	--
2100	98	99	--
2200	98	100	--
2300	98	98	--

4. History of Degassing Operations, if any, starting 48 hours prior to the first sample in which the limit was exceeded.

There were no degassing operations performed during the 48-hour period prior to exceeding the dose equivalent iodine limit.

5. The time duration when the specific activity of the primary coolant exceeded 1.0 uCi/gm dose equivalent I-131.

<u>Date</u>	<u>Time</u>	<u>DEQ I-131 (uCi/gm)</u>
11/27/82	0555	8.68 E-01
11/27/82	1245	1.28 E-00
11/27/82	1645	5.84 E-01

The dose equivalent I-131 exceeded the limit for a period of approximately 4 hours.

## ATTACHMENT A

FUEL BURNUP BY CORE REGION

<u>Region</u>	<u>(Enrichment w/o)</u>	<u>Number of Assemblies</u>	<u>Exposure (MWD/MTU)</u>
E	3.03	40	32244.1
E*	2.73	25	27323.5
F	3.65	40	23383.8
F*	3.03	48	26801.4
G	3.65	32	10005.6
G*	3.20	24	12857.0
G/	3.65	4	11145.1
GX	3.03	4	13517.1

Core Average: 22680.53 MWD/MTU