NRC FORM 366
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

0 1	LICENSEE CODE: N C B E P 2 (2)	LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 (3)	LICENSE TYPE: 4 1 1 1 1 (4)	CAT (5)

CON'T

0 1	REPORT SOURCE: L (6)	DOCKET NUMBER: 0 5 0 - 0 3 2 4 (7)	EVENT DATE: 1 2 2 0 8 2 (8)	REPORT DATE: 0 1 2 0 8 3 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 Routine surveillance during plant operation revealed that RWCU differential flow

0 3 indicator, 2-G31-R615, was indicating downscale. R615 provides an indication for one

0 4 of two parallel outputs from summer circuit 2-G31-K604, which receives its input from

0 5 three RWCU flow transmitters, 2-G31-FT-N012, N036, and N041. This event did not affect

0 6 the health and safety of the public.

0 7

0 8 Technical Specifications: Table 3.3.2-1, Item 3a, 6.9.1.9b

0 9	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
	S D (11)	X (12)	Z (13)	I N S T R U (14)	T (15)	Z (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 2	—	1 4 3	/	0 3	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
X (18)	Z (19)	[illegible] (20)	Z (21)	0 0 0 0	Y (23)	Y (24)	N (25)	G 0 8 0 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 R615 indicated downscale because the low side sensing line to FT-N041 was partially

1 1 plugged and all three RWCU differential flow transmitters, N012, N036, and N041

1 2 (Model No. 555) were slightly out of calibration. The N041 sensing line was cleared

1 3 and all RWCU differential flow instrumentation was calibrated and returned to service.

1 4 No further action regarding this event is required.

1 5	FACILITY STATUS: E (28)	% POWER: 1 0 0 (29)	OTHER STATUS (30): NA	METHOD OF DISCOVERY: E (31)	DISCOVERY DESCRIPTION (32): Operator Surveillance

1 6	ACTIVITY RELEASED: Z (33)	CONTENT OF RELEASE: Z (34)	AMOUNT OF ACTIVITY (35): NA	LOCATION OF RELEASE (36): NA

PERSONNEL EXPOSURES

1 7	NUMBER: 0 0 0 (37)	TYPE: Z (38)	DESCRIPTION (39): NA

PERSONNEL INJURIES

1 8	NUMBER: 0 0 0 (40)	DESCRIPTION (41): NA

LOSS OF OR DAMAGE TO FACILITY (43)

1 9	TYPE: Z (42)	DESCRIPTION: NA

PUBLICITY

2 0	ISSUED: N (44)	DESCRIPTION (45): NA	NRC USE ONLY

NAME OF PREPARER M. J. Pastva, Jr. PHONE: 919-457-9521

LER ATTACHMENT - RO #2-82-143

Facility: Unit No. 2 Event Date: December 20, 1982

This event occurred when the instrument indication of RWCU differential flow indicator, 2-G31-R615, General Electric Model No. 180, went downscale. Three RWCU flow transmitters, 2-G31-FT-N012, N036, and N041, one on the RWCU suction line and one each on the two RWCU discharge lines, feed a RWCU summing circuit, 2-G31-K604. The summing circuit takes the suction flow and compares it with the combined discharge flow to produce a differential flow signal to the RWCU isolation circuits. 2-G31-R615 is a direct reading indicator off one of the two parallel signals from the summer.

This event resulted from partial plugging of the instrument low side sensing line to FT-N041 combined with the remaining RWCU flow transmitters and associated instrumentation being slightly out of calibration. The low side instrument sending line to FT-N041 was cleared and the RWCU differential flow transmitters, General Electric Model No. 555, and associated instrumentation were calibrated and returned to service. The failure of FT-N041, attributed to line plugging, is considered isolated. No further action regarding this event is required or planned.