

[illegible]

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

9	1	N	C	B	E	P	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5		
7	8	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	57	CAT		58

CON'T

REPORT SOURCE 0 1 7 8 L 6 0 5 0 - 0 3 2 5 7 0 2 1 8 8 2 8 0 3 1 9 8 2 9
60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | Following a reactor scram, the RCIC system turbine automatically started on reactor
0 3 | low level but immediately tripped on high turbine exhaust pressure. The RCIC turbine
0 4 | was then manually started and utilized with the HPCI system to restore and maintain
0 5 | normal reactor level. This event did not affect the health and safety of the public.
0 6 | Technical Specifications 3.7.4, 6.9.1.9b
0 7 |
0 8 |

0 9
7 8

SYSTEM CODE
C 9 E 10 11

CAUSE CODE
A 11

CAUSE SUBCODE
C 12

COMP. SUBCODE
C 15

VALVE SUBCODE
Z 20

SEQUENTIAL REPORT NO.
0 2 5

OCCURRENCE CODE
0 3

REPORT TYPE
L

REVISION NO.
0

LEADER REPORT NUMBER
17

EVENT YEAR
8 2 21 22

ACTION TAKEN
E 18

FUTURE ACTION
G 19

EFFECT ON PLANT
Z 20

SHUTDOWN METHOD
Z 21

HOURS
0 0 0 0 22

ATTACHMENT SUBMITTED
Y 23

NPRD-4 FORM SUB.
Y 24

PRIME COMP. SUPPLIER
N 25

COMPONENT MANUFACTURER
X 9 9 9 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 An out-of-tolerance turbine ramp signal converter, Model No. 8271-083, and improperly
1 1 tuned turbine speed controller, FIC-600, Model No. 540, combined to cause an initial
1 2 acceleration spike of the turbine during startup which then resulted in the exhaust
1 3 pressure trip. The signal converter was recalibrated, the controller was properly
1 4 tuned and the RCIC system was satisfactorily tested and returned to service.

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION		
1	5	G	28	0	0	0	29	A	31	Operational Event
ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE				
1	6	Z	33	Z	34	NA	35	NA	36	
PERSONNEL EXPOSURES		TYPE		DESCRIPTION						
1	7	0	0	0	37	Z	38	NA	39	
PERSONNEL INJURIES		DESCRIPTION								
1	8	0	0	0	40	NA	41	NA	42	
LOSS OF OR DAMAGE TO FACILITY		TYPE		DESCRIPTION						
1	9	Z	42	NA	43	NA	44	NA	45	

8204020315 820319
PDR ADCK 05000325
S PDR

NRC USE ONLY

NA

(919) 457-9521

NAME OF PREPARER M. J. Pastva, Jr.

PHONE

LER ATTACHMENT - RO #1-82-25

Facility: BSEP Unit No. 1

Event Date: 2-18-82

Following a reactor scram the RCIC System automatically started on low reactor level, but the RCIC turbine immediately tripped on high exhaust pressure. An investigation of the trip revealed the turbine speed controller, 2-E51-FIC-600, GEMAC Model No. 540, was slightly out of tune with the turbine ramp signal converter, Woodward Governing Company, Model No. 8271-083. In addition, the signal converter was out of calibration. Calibration procedure discrepancies combined with instrument drift are believed to be contributing factors in the instrument problems. These instruments were calibrated and the RCIC System was satisfactorily tested and returned to service.

The applicable calibration procedures for the instruments will be revised as necessary to ensure proper calibrations are performed.

Following further investigation of this event a supplement to this report will be issued.