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ONSTER CREEK NUCLEAR GENERATING STATION
Forked River, New Jersey 08731

License Event Report
Reportable Occurrence No. 50-219/80-49/1P

Report Date

November 5, 1980

Occurrence Date

November 5, 1980

Identification of Occurrence

Degradation of the reactor coolant pressure boundary and primary containment when the Isolation Condenser vent isolation valves (Y-14-1 and Y-14-19) for Isolation Condenser "B" were suspected to have failed to close and also operation in a degraded mode as per Technical Specifications section 3.8.C.

This event is considered to be a reportable occurrence as defined in the Technical Specifications, paragraph 5.9.2.a.(3) and 6.9.2.b.(2).

Conditions Prior to Occurrence

The plant was operating at steady state power.

Plant parameters at the time of occurrence were:

Power:	Core	1737 MWt
	Electrical	535 MWe
Flow:	Recirculation	14.6×10^4 gpm
	Feedwater	5.9×10^6 lb/hr

Description of Occurrence

On Wednesday, November 5, 1980, at about 1400 hours, while removing Isolation Condenser "B" from service to repair a steam leak on vent isolation valve Y-14-19, vent isolation valves Y-14-1 and Y-14-19 for the condenser failed to close (by the valve position indication) when operated from the control room.

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Reportable Occurrence

Report No. 50-279/80-19/18

Apparent Cause of Occurrence

The cause of the occurrence is still under investigation.

Analysis of Occurrence

The vent lines from each of the isolation condenser loops to the main steam lines downstream of the main steam line isolation valves (MSIV's) are provided with isolation valves. These valves close automatically on isolation condenser actuation or on signals which close the MSIV's. Failure of these valves to close would have resulted in a degradation of the reactor coolant pressure boundary and primary containment.

Corrective Action

Immediate corrective action was to perform an operability check on Isolation Condenser System "A" and then close the steam inlet valves to Isolation Condenser "B".

Failure Data

Skinner Precision Industries
Skinner/Uniflow Valve Division
3/4" Type 800 straight through valve
Serial #'s 1027C (V-14-1)
1027E (V-14-19)

1021E

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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CON'T

0	1
7	8

REPORT SOURCE

60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80			
	6	0	5	0	0	2	1	9	7	8	0	1	1	0	5	8	8	0	1	1	0	6	9
POCKET NUMBER											EVENT DATE				REPORT DATE								

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0	2	
0	3	see LTR
0	4	
0	5	
0	6	
0	7	
0	8	

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP SUBCODE		VALVE SUBCODE	
0	9												
7	8	9	10	11	12	13	14	15	16	17	18	19	20
LER-RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.				OCCURRENCE CODE		REPORT TYPE		REVISION NO.	
17		8	0										
21	22	23	24	25	26	27	28	29	30	31	32	33	34
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.	
35	36	37	38	39	40	41	42	43	44	45	46	47	48

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1	0	
1	1	
1	2	
1	3	
1	4	

7 8 9
FACILITY STATUS (28) % POWER (29) OTHER STATUS (30) METHOD OF DISCOVERY (31) DISCOVERY DESCRIPTION (32)
1 5 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1	6	33	34		
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45 3

PERSONNEL EXPOSURES		TYPE		DESCRIPTION
NUMBER				
1	7	(37)	(38)	(39)

		PERSONNEL INJURIES		
		NUMBER	DESCRIPTION	(41)
1	2	(40)		

		7						8						9						10						11						12					
		LOSS OF OR DAMAGE TO FACILITY						(43)																													
		TYPE						DESCRIPTION																													

7 8 9 10 PUBLICITY (ISSUED) DESCRIPTION (45) NRC USE ONLY

NAME OF PREPARED _____ PHONE _____

NAME OF PREPARER _____

PHONE _____