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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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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

09		SYSTEM CODE 9 10		11		CAUSE CODE 11 12		12		CAUSE SUBCODE 12 13		13		COMPONENT CODE 13 14 15 16 17 18		14		COMP SUBCODE 19 20		15		VALVE SUBCODE 20 21		16			
17		LER/RO REPORT NUMBER		EVENT YEAR 21 22		23		SEQUENTIAL REPORT NO. 24 25 26		27		OCCURRENCE CODE 28 29		30		REPORT TYPE 30 31		31		REVISION NO. 32		32		33			
ACTION TAKEN 33 34		18		FUTURE ACTION 35 36		19		EFFECT ON PLANT 37 38		20		SHUTDOWN METHOD 39 40		21		HOURS 41 42 43 44		22		ATTACHMENT SUBMITTED 45 46		23		NPRD-4 FORM SUB. 47 48		24	
PRIME COMP. SUPPLIER 49 50		25		COMPONENT MANUFACTURER 51 52 53 54		26		55		56		57		58		59		60		61		62		63			

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION

1 5 28 29 31 8

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

1	6		(33)	(34)		
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PERSONNEL EXPOSURE NUMBER	TYPE	DESCRIPTION
39		

			(37)	(38)	
PERSONNEL INJURIES					

PERSONNEL		NUMBER	DESCRIPTION
1	2	40	

1	9	(42)				
7	8	9	10			

PUBLICITY NRC USE ONLY

ISSUED		DESCRIPTION	45
2	0		

PHONE _____