

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Turkey Point Unit 4	DOCKET NUMBER (2) 0 5 0 0 0 2 5 1 1	PAGE (3) 1 OF 0 2
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TITLE (4) Out of Service Steam Generator Blowdown Valve Not Isolated Within Required Time

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)
0 9	2 6	8 6	8 6	0 2 1	0 0	1 0	2 7	8 6	None		0 5 0 0 0
									None		0 5 0 0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)

OPERATING MODE (9)	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.405(c)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
	<input type="checkbox"/> 20.405(a)(1)(i)	<input type="checkbox"/> 50.36(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)
	<input type="checkbox"/> 20.405(a)(1)(ii)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	<input type="checkbox"/> 20.405(a)(1)(iii)	<input checked="" type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)	
	<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)	
<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)		

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
	AREA CODE

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
C	W I	I S V	H I 9 8	Y					
X	S J	I S V	P 0 3 2	Y					

SUPPLEMENTAL REPORT EXPECTED (14)

<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)	MONTH DAY YEAR
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ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

Event:

On September 26, 1986, at 0035, and on October 6, 1986, at 0457, blowdown isolation valves failed closed. Technical Specifications (TS) require the isolation of the affected penetrations within four hours. Power to the failed valves was isolated at 0605 on September 26, 1986, and at 1030 on October 6, 1986, respectively, thus not meeting the TS requirements.

Cause of Event:

The cause of the event was personnel error in that the 4 hour time limit to isolate the penetration was not met. The root cause for the failure of these valves was water from a leaking feedwater valve.

Corrective Action:

- 1) The personnel involved were counseled to exercise greater care in ensuring compliance with the applicable Technical Specifications.
- 2) The failed valves were repaired or replaced.
- 3) The leaking valve is being repaired.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Turkey Point Unit 4	DOCKET NUMBER (2) 0 5 0 0 0 2 5 1	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 6	- 0 2 1	- 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

Event:

On September 26, 1986, at 0035, a blowdown isolation bypass valve (valve SV-4-62758-1) failed closed. Technical Specifications (TS) 3.3.3.b and 3.3.3.c require the isolation of any penetration which receives the Containment Phase A, Phase B, or Containment Ventilation Isolation signal if the valve is inoperable. This isolation is to be accomplished within four (4) hours after the valve is found inoperable. Power to the failed valve was isolated at 0605 on September 26, thus exceeding the 4 hour limit by 1 hour and 30 minutes. On October 6, 1986, at 0457, blowdown isolation valve CV-4-6275C and blowdown isolation bypass valve SV-4-6275C-1 failed closed. Power to the failed valve was isolated at 1030 on October 6, thus exceeding the 4 hour limit by 1 hour and 33 minutes. The valves were repaired or replaced and returned to service at 1045 on September 26, and at 1614 on October 6, respectively.

Cause of Event:

The cause of the event was personnel error in that the 4 hour time limit to isolate the penetration was not met. The cause of the failure of the above valves was water shorting out the solenoid. The source of the water was a leaking valve in one of the Steam Generator Feedwater Pumps' suction line (valve 4-20-113).

Analysis of Event:

During the event, the redundant isolation valves for the affected penetrations remained operable. Based on the above, the health and safety of the public were not affected.

Corrective Action:

- 1) The personnel involved were counseled to exercise greater care in ensuring compliance with the applicable Technical Specification requirements.
- 2) Valve SV-4-62758-1 was replaced.
- 3) Valve 4-20-113 is being repaired in order to eliminate the source of the water.

Additional Information:

Manufacturer: Blowdown isolation valve: Ralph A. Hiller Co. Model: 16SA-A021
 Feedwater Pump suction valve: Manufacturer: Pacific Valves/Mark Controls Corp. Model 350-7WE-BC

Similar Events: None



OCTOBER 27 1986

L-86-442

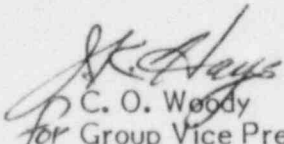
U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, . C. 20555

Gentlemen:

Re: Reportable Event 86-21
Turkey Point Unit 4
Date of Event: September 26, 1986
Out of Service Steam Generator Blowdown Valve
Not Isolated Within Required Time.

The attached Licensee Event Report is being submitted pursuant to the requirements of 10 CFR to provide notification of the subject event.

Very truly yours,


for C. O. Woody
Group Vice President
Nuclear Energy

COW/RG/gp

Attachment

cc: Dr. J. Nelson Grace, Region II, USNRC
Harold F. Reis, Esquire

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