

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 1
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TITLE (4)
Engineered Safety Feature Actuation - Phase 'A' Containment Isolation

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	2	0	6	8	6	0	0	5	N/A		0 5 0 0 0 0
0	2	0	6	8	6	0	0	3	N/A		0 5 0 0 0 0

OPERATING MODE (9) 6	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)									
POWER LEVEL (10) 0, 0, 0	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.406(c)	<input checked="" 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(e)(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(e)(2)	<input type="checkbox"/> 50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)						
	<input type="checkbox"/> 20.405(a)(1)(iii)	<input type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(vii)							
	<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)							
	<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)							
<input type="checkbox"/> 20.405(a)(1)(vi)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 50.73(a)(2)(ix)								

LICENSEE CONTACT FOR THIS LER (12)

NAME Randall D. Hart, Licensing Engineer	TELEPHONE NUMBER 3 0 5 2 4 5 - 2 9 1 0
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (if yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

Event: On February 6, 1986 at 0829 with Unit 4 in Mode 6, phase 'A' containment isolation was actuated when construction personnel were checking voltage on the safeguards relays to ensure that work could proceed safely in the safeguards racks. When relay SIAI was checked, an inadvertent initiation of circuit 2 of phase 'A' containment isolation occurred. Work in the safeguards racks was postponed to determine the cause. Because the test meter was set to read voltage, it is unlikely that the probes introduced an electrical disturbance that triggered isolation. Examination of the relay surfaces in-situ did not show smudges or disturbances of dust that might accompany gross disturbance of the relay. The most probable cause is the minor physical disturbance when the probes touched the relay and initiated phase 'A' containment isolation.

Cause of Event: The most probable cause of the phase 'A' containment isolation was the inadvertent physical disturbance of a safeguards relay by construction personnel during a voltage check.

Analysis of Event: At the time of the event, Unit 4 was in Mode 6 with the core off-loaded. Proper safeguards actuation occurred as a result of the inadvertent initiation. Based on the above, the health and safety of the public were not affected. Similar occurrences: LERs 250-86-002, 250-85-023, 250-85-012, 251-85-011 and 251-86-004

Corrective Actions:

- 1) Actuation of safeguards equipment was verified and the phase 'A' containment isolation was reset.
- 2) Construction personnel were instructed to leave the area until the cause was investigated; additional fuses were removed to prevent unnecessary safeguards actuation.
- 3) A letter was issued to construction personnel to designate critical areas and restricting contractors to mandatory coordination prior to work.

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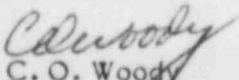
U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Gentlemen:

Re: Reportable Event 86-05
Turkey Point Unit 4
Date of Event: February 6, 1986
Engineered Safety Feature Actuation
Phase "A" Containment Isolation

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,


C. O. Woody
Group Vice President
Nuclear Energy

COW/PLP/vow

Attachment

cc: Dr. J. Nelson Grace, Region II, USNRC
Harold F. Reis, Esq.
PNS-LI-86-91

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