

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8804130144 DOC. DATE: 88/04/07 NOTARIZED: NO DOCKET #
 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
 AUTH. NAME AUTHOR AFFILIATION
 SALAMON, G. Florida Power & Light Co.
 CONWAY, W. F. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 88-003-00: on 880308, containment ventilation & control
 room ventilation isolation occurred.

DISTRIBUTION CODE: IE22D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 4
 TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

NOTES:

RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
PD2-2 LA	1 1	PD2-2 PD	1 1
EDISON, G	1 1		
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AEOD/DOA	1 1	AEOD/DSP/NAS	1 1
AEOD/DSP/ROAB	2 2	AEOD/DSP/TPAB	1 1
ARM/DCTS/DAB	1 1	DEDRO	1 1
NRR/DEST/ADS 7E	1 0	NRR/DEST/CEB 8H	1 1
NRR/DEST/ESB 8D	1 1	NRR/DEST/ICSB 7	1 1
NRR/DEST/MEB 9H	1 1	NRR/DEST/MTB 9H	1 1
NRR/DEST/PSB 8D	1 1	NRR/DEST/RSB 8E	1 1
NRR/DEST/SGB 8D	1 1	NRR/DLPQ/HFB 10	1 1
NRR/DLPQ/GAB 10	1 1	NRR/DOEA/EAB 11	1 1
NRR/DREP/RAB 10	1 1	NRR/DREP/RPB 10	2 2
NRR/DRIS/SIB 9A	1 1	NRR/PMAS/ILRB12	1 1
REG FILE 02	1 1	RES TELFORD, J	1 1
RES/DE/EIB	1 1	RES/DRPS DIR	1 1
RGN2 FILE 01	1 1		
EXTERNAL: EG&G GROH, M	4 4	FORD BLDG HOY, A	1 1
H ST LOBBY WARD	1 1	LPDR	1 1
NRC PDR	1 1	NSIC HARRIS, J	1 1
NSIC MAYS, G	1 1		

TOTAL NUMBER OF COPIES REQUIRED: LTTR 45 ENCL 44

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Turkey Point Unit 3										DOCKET NUMBER (2) 0 5 0 0 0 2 5 0										PAGE (3) 1 OF 0 3							
TITLE (4) Containment Ventilation and Control Room Ventilation Isolation While Containment Particulate Radiation Monitor Setpoint Was Being Checked																											
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 3	0 8	8 8	8 8	0 0 3	0 0	0 4	0 7	8 8	Turkey Point Unit 4						0 5 0 0 0 2 5 1 1												
OPERATING MODE (9) 1			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																								
POWER LEVEL (10) 1 0 1 0		20.402(b)				20.406(a)(1)(i)				20.406(a)(1)(ii)				20.406(a)(1)(iii)				20.406(a)(1)(iv)				20.406(a)(1)(v)				73.71(b)	
		20.406(a)(2)(i)				20.406(a)(2)(ii)				20.406(a)(2)(iii)				20.406(a)(2)(iv)				20.406(a)(2)(v)				73.71(c)					
		20.406(a)(3)(i)				20.406(a)(3)(ii)				20.406(a)(3)(iii)				20.406(a)(3)(iv)				20.406(a)(3)(v)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)					
		20.406(a)(4)(i)				20.406(a)(4)(ii)				20.406(a)(4)(iii)				20.406(a)(4)(iv)				20.406(a)(4)(v)									
		20.406(a)(5)(i)				20.406(a)(5)(ii)				20.406(a)(5)(iii)				20.406(a)(5)(iv)				20.406(a)(5)(v)									
LICENSEE CONTACT FOR THIS LER (12)																											
NAME Gabe Salamon, Compliance Engineer										TELEPHONE NUMBER 3 1 0 1 5 2 1 4 1 6 1 - 1 6 1 5 1 6 1 0																	
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																											
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRPDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRPDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRPDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRPDS					
X	I L	A N N	T 2 6 0	Y																							
SUPPLEMENTAL REPORT EXPECTED (14)																											
YES (If yes, complete EXPECTED SUBMISSION DATE)										X NO										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR			

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

On March 8, 1988, the Containment Radioactive Particulate Monitor (R-11) setpoint was being verified. The setpoint was verified by pressing the High Alarm pushbutton, then reading the setpoint from the instrument's digital display. At 1008, as the High Alarm was being pressed, an alarm signal was generated. This resulted in the Control Room Ventilation and Containment Ventilation Systems isolating. These systems isolated as required, with the Control Room Ventilation System switching into the recirculation mode. The High Alarm incorporates a redundant double-filament lighted pushbutton. In the event of a failure of both light filaments, the High Alarm will actuate to signal an indicator malfunction. Troubleshooting after the event found one filament of the High Alarm pushbutton had failed. The pushbutton light is normally off. Repeated pressing of the High Alarm pushbutton following the event did not result in a repeat of the actuation. The probable cause of the actuation was a minor electrical transient upon failure of one filament of the light while the High Alarm pushbutton was being pressed. The operators verified that no valid alarm condition existed. The failed dual filament bulb was replaced. Reliability of the drawers is being monitored. Other actions to decrease spurious actuations are being evaluated and scheduled.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

TEXT (If more space is required, use additional NRC Form 368A's) (17)

EVENT

On March 8, 1988, the Containment Radioactive Particulate Monitor (R-11) (EIIS:IL) setpoint was being verified. The usual method of verifying the setpoint is by pressing the High Alarm pushbutton, then reading the setpoint from the instrument's digital display. At 1008, as the High Alarm was being pressed, an alarm signal was generated. This resulted in the Control Room Ventilation and Containment Ventilation Systems (EIIS:JM) isolating. These systems isolated as required, with the Control Room Ventilation System switching into the recirculation mode.

CAUSE OF EVENT

The High Alarm incorporates a double-filament lighted pushbutton. In the event of a failure of both light filaments, the High Alarm will actuate to signal an indicator malfunction. The Control Room Ventilation and Containment Ventilation Systems isolate concurrent with the High Alarm. Troubleshooting after the event found one filament of the High Alarm pushbutton had failed. The pushbutton light is normally off. Repeated pressing of the High Alarm pushbutton following the event did not result in a repeat of the actuation. Though the root cause was not determined positively, a potential cause of the actuation was an electrical transient upon failure of one filament of the light while the High Alarm pushbutton was being pressed.

ANALYSIS OF EVENT

Upon actuation of the R-11 High Alarm trip circuit the Containment and Control Room Ventilation Systems isolated per design. No radiation releases occurred during this event. Based on the above, the health and safety of the public were not affected.

CORRECTIVE ACTIONS

- 1) The operators verified that no valid alarm condition existed.
- 2) The failed dual filament light was replaced.
- 3) Reliability of the new drawers is being monitored. Other actions to decrease spurious actuations of the system are being evaluated and scheduled per the Integrated Schedule.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/88

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Turkey Point Unit 3	05000250	88	003	00	03	OF	03

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

ADDITIONAL INFORMATION

Similar occurrences: LERs 250-87-032, 251-86-030, 250-87-005, 250-87-008, 251-87-021, 251-87-023, 251-88-002, and 250-87-30 were previous R-11 or R-12 actuations.

Manufacturer: Nuclear Research Corp. Model Number: DRM-200.

FPL

APRIL 07 1988

L-88-167
10 CFR 50.73

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

Gentlemen:

Re: Turkey Point Unit 3
Docket No. 50-250
Reportable Event: 88-03
Date of Event: March 8, 1988
Containment Ventilation and Control Room
Ventilation Isolation While Containment Particulate
Radiation Monitor Setpoint Was Being Checked

The attached Licensee Event Report (LER) is being submitted pursuant to the requirements of 10 CFR 50.73 to provide notification of the subject event.

Very truly yours,



for W. F. Conway
Acting Group Vice President
Nuclear Energy

WFC/SDF/gp

Attachment

cc: Dr. J. Nelson Grace, Regional Administrator,
Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

SDF3.LER

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