

July 10, 2024 L-2024-112 10 CFR 50.73

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

Re: Turkey Point Unit 3 Docket No. 50-250 Reportable Event: 2024-02 Date of Event: February 20, 2021

Condition Prohibited by Technical Specifications

The attached Licensee Event Report 2024-02-01 is being submitted pursuant to the requirements of 10 CFR 50.73 to provide notification of the subject event.

Respectfully,

mus Paul Rasmus

General Manager - Regulatory Affairs Florida Power & Light Company

Attachment

cc: Turkey Point NRC Senior Resident Inspector Turkey Point Station NRC Program Manager

NRC FORM 366 U.S. NUCLEAR REGULATORY COMMISSION								APPROVED BY OMB: NO. 3150-0104 EXPIRES: 04/30/2027							
(04-02-2024) <b>LICENSEE EVENT REPORT (LER)</b> (See Page 2 for required number of digits/characters for each block) (See NUREG-1022, R.3 for instruction and guidance for completing this form http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1022/r3/)								Estimated burden per response to comply with this mandatory collection request: 80 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the FOIA, Library, and Information Collections Branch (T-6 A10M), U. S. Nuclear Regulatory Commission, Washington, DC 2055-0001, or by email to Infocollects.Resource@ncr.gov, and the OMB reviewer at: OMB Office of Information and Regulatory Afriar, (3150-0104), Attr: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503. The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.							
1. Facility Name										050	2. Docket Number		3. Page		
Turkey Point Unit 3									052	00250		1	OF	2	
4. Title															
Condition Prohibited by Technical Specifications															
5.	. Event Dat	te		6. LER Number		7. Report Da			8. Other Facilities Involved						
Month	Day	Year	Year	Sequential Number	Revision No.	Month	Day		Year	Facility Nan	acility Name		050 Docket No		Number
02	07	2021	2024	- 002 -	01	07	10		2024	Facility Nar	ity Name		052		Number
9 Operat	ing Mode						1	0. Po	wer Leve						
1 100															
11. This Report is Submitted Pursuant to the Requirements of 10 CFR §: (Check all that apply)															
10 C	FR Part	20	20.22	.03(a)(2)(vi)	10 C	10 CFR Part 50			50.73(a)(2)(ii)(A) 50.73(a)			2)(viii)(A) 73.1200(a			200(a)
20.	.2201(b)		20.22	.03(a)(3)(i)	50	).36(c)(1)(i)(A)			50.73	(a)(2)(ii)(E	3) 🗌 50.73(a)	l)(2)(viii)(B) 73.1200			200(b)
20.	.2201(d)		20.22	.03(a)(3)(ii)	50	50.36(c)(1)(ii)(A)			50.73(a)(2)(iii) 50.7			ı)(2)(ix)(A) 73.1200(c)			200(c)
20.	.2203(a)(1	)	20.22	:03(a)(4)	50	50.36(c)(2)			50.73(a)(2)(iv)(A)		A) 50.73(a)	50.73(a)(2)(x)		73.1200(d)	
20.	.2203(a)(2	?)(i)	10 CFF	R Part 21	50	50.46(a)(3)(ii)			50.73	(a)(2)(v)(A	A) 10 CFR F	10 CFR Part 73		] 73.1200(e)	
20	.2203(a)(2	!)(ii)	21.2(	] 21.2(c)			50.69(g)			50.73(a)(2)(v)(B) 73.77(a)		1) 73.1200(f)			200(f)
20	.2203(a)(2	2)(iii)			50	0.73(a)(2)(i)(A)			50.73(a)(2)(v)(C)		C) 73.77(a)	73.77(a)(2)(i)		73.1200(g)	
20.2203(a)(2)(iv)					√ 50		).73(a)(2)(i)(B)		50.73(a)(2)(v)(D)		D) 73.77(a)	73.77(a)(2)(ii)		73.1200(h)	
20	.2203(a)(2	2)(V)			50	).73(a)(2)(i)	(C)		50.73	(a)(2)(vii)					
го 🗌	HER (Spe	ecify here,	in abstract	t, or NRC 366A	.).										
					12	2. Licensee	) Conta	act fo	or this L	ER					
Licensee Contact Bob Murrell, Licensing Engineer								Phone Nur 3	ie Number (Include area code) 319-651-9496						
13. Complete One Line for each Component Failure Described in this Report															
Caus	e s	System	Compon	ient Manufact	turer Rep	ortable to IR	แร	С	ause	Syst	em Component	Manufac	turer	Reporta	able to IRIS
В		BP	V	N/A	۲. I	Y									
14. Supplemental Report Exp				ected				15.	Expected §	Submission Date	Month	C	ay	Year	
✓ No	✓         No         Yes (If yes, complete 15. Expected Submission Date)														
16. Abstract (Limit to 1326 spaces, i.e., approximately 13 single-spaced typewritten lines)															
This LER Revision supersedes LER 2024-002-00 in its entirety.															
On Feb	ruary 7,	2021, w	hile in N	/lode 1, valv	e 3-759/	A, 3A Res	idual	Heat	t Remo	oval Hea	t Exchanger Outl	et Isolati	ion V	alve w	las
ascovered to have a deficient reach rod gearbox causing it to become inoperable. Due to an incorrect interpretation of Technical Specifications (TSs), the station did not recognize that I CO 3.5.2.e. which requires two flow paths capable of taking															
rechnic	Technical Specifications (TSs), the station did not recognize that LCO 3.5.2.e, which requires two flow paths capable of taking											ion requ	ires r	estori	ng the

suction from the containment sump, was not met, and therefore did not enter TSAS 3.5.2.a. This action requires restoring the inoperable component to operable status within 72 hours or be in hot standby within the next 6 hours and in hot shutdown within the following 6 hours. Contrary to this requirement, a condition prohibited by TS occurred on February 11, 2021. There were no Systems, Structures, or Components that were inoperable at the start of the event that contributed to the event. This event is being reported pursuant of 10 CFR S0.73(a)(2)(i)(B), Condition Prohibited by TS.

NRC FORM 366A U.S. NUCLEAR REGULATOR	APPROVED BY OMB: NO. 3150-0104 EXPIRES: 04/30/2027									
(04-02-2024) LICENSEE EVENT REPOR CONTINUATION SHE (See NUREG-1022, R.3 for instruction and guidance for com http://www.nrc.gov/reading-rm/doc-collections/nuregs/sta	Estimated burden per response to comply with this mandatory collection request: 80 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the FOIA, Library, and Information Collections Branch (T-6 A10M), U. S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by email to Infocollects.Resource@nrc.gov, and the OMB reviewer at: OMB Office of Information and Regulatory Affairs, (3150-0104), Attn: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503. The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.									
1. FACILITY NAME		2. DOCKET NUMBER		3. LER NUMBER						
Turkey Point Unit 3	050	00250	2024 <b>_</b>	SEQUENTIAL NUMBER 02	REV NO. - 01					
NARRATIVE										
Description of Event: On February 7, 2021, while in Mode 1, valve 3-759A, 3A Residual Heat Removal Heat Exchanger Outlet Isolation Valve was discovered to have a deficient reach rod gearbox causing it to be inoperable. At the time, due to an incorrect interpretation of Technical Specifications (TSs), the station did not recognize that LCO 3.5.2.e which requires two flow paths										
capable of taking suction from the containment sump was not met, therefore did not enter TS Action Statement 3.5.2.a. This action requires restoring the inoperable component to operable status within 72 hours or be in hot standby within the next 6 hours and in hot shutdown within the following 6 hours. Contrary to this requirement, a condition prohibited by TS occurred on February 11, 2021.										
Cause of Event:										
Incorrect interpretation of TS.										
Safety Significance:										
Valve 3-759A is a back-up to Motor Operated Valve (MOV) 3-744A, which remained operable during the time 3-759A was inoperable, therefore, there was no actual safety significance related to this event. This event did not prevent any safety systems from performing their safety related functions.										
This event is being reported pursuant of 10 CFR 50.73(a)(2)(i)(B), Condition Prohibited by TS.										
This event did not result in a Safety System Functional Failure.										
Corrective Actions:										
Valve 3-759A was repaired and restored to operable status on March 9, 2023.										
Similar Events:										
A review of events over the past 5 years did not identify any previous events that involved the same underlying cause of the event reported under this Licensee Event Report.										