



10 CFR §50.71(e)  
10 CFR §54.37(b)  
L-2018-103  
April 26, 2018

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555-0001

Re: Turkey Point Units 3 and 4  
Docket Nos. 50-250 and 50-251  
Updated Final Safety Analysis Report - Unit 4 Cycle 29 Update  
and License Renewal 10 CFR 54.37(b) Report

Florida Power & Light Company (FPL) has completed the Unit 4 Cycle 29 (4C29) update of the Turkey Point Units 3 and 4 Updated Final Safety Analysis Report (UFSAR) and review of design activities to identify any new systems, structures, and components for potential impact on the license renewal aging management programs. This letter submits both the periodic update of the UFSAR and the results of the license renewal review in accordance with the requirements of 10 CFR 50.71(e) and 10 CFR 54.37(b), respectively.

The enclosed UFSAR chapter files accurately reflect plant changes made since the previous update (Unit 4 Cycle 28). This update incorporates changes for the period covering April 29, 2016 through October 31, 2017. Miscellaneous user comments have also been incorporated. The documents enclosed are identified in the Attachment as public files with redactions in Chapters 2, 3, 4, 6, 8, 9, and 14, and non-public which are to be withheld from public disclosure under 10 CFR 2.390.

The Turkey Point UFSAR is maintained as an electronic “living” document. Identified changes are posted against applicable chapters and considered incorporated upon approval and implementation. This UFSAR update is a snapshot of the continually revised UFSAR. Accordingly, FPL identifies periodic UFSAR updates required by 10 CFR 50.71(e) as Unit 4 cycle-specific updates, consistent with the existing UFSAR update commitment linked to completion of each Unit 4 refueling outage (10 CFR 50.71(e)(4) exemption dated July 16, 1998). While revision dates have been incorporated on UFSAR pages, in order to ensure consistency beginning with this update revised pages are annotated in the lower right corner by the date the change was added to the document and a revision issued. The cycle designator (in this update C29) is provided with the revision bar to identify changed portions.

(Certain enclosures transmitted herewith contain SUNSI as identified in the Attachment. When separated from those enclosures, this transmittal document is decontrolled.)

Florida Power & Light Company  
Turkey Point Nuclear Plant

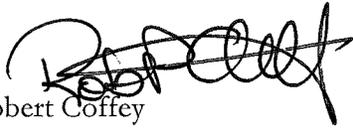
L-2018-103  
UFSAR Update Unit 4 Cycle 29  
Page 2 of 2

License Renewal 10 CFR 54.37(b) Report

The license renewal review addressed the requirements of 10 CFR 54.37(b) for the current UFSAR update period. This review did not result in any newly identified systems, structures, and components per the requirements of 10 CFR 54.37(b).

If you have any questions, then please contact Mr. Robert Hess, Licensing Manager, at 305-246-4112.

Sincerely,



Robert Coffey  
Regional Vice President – Southern Region  
Florida Power & Light Company

Enclosures: Identified on Attachment

cc: Regional Administrator – USNRC Region II  
USNRC Senior Resident Inspector – Turkey Point (letter only)  
USNRC Project Manager – Turkey Point (letter only)

Florida Power & Light Company  
Turkey Point Nuclear Plant

L-2018-103  
Attachment  
Page 1 of 1

**Attachment**  
**Turkey Point Nuclear Plant**  
**Updated Final Safety Analysis Report**  
**Unit 4 Cycle 29 Update**

**List of Public Files**  
(certain redacted pages in seven files)

01_LOEP_P.pdf	158	KB
02_CHAPTER_01_P.pdf	3,907	KB
03_CHAPTER_02_P.pdf	2,325	KB
04_CHAPTER_03_P.pdf	11,761	KB
05_CHAPTER_04_P.pdf	3,263	KB
06_CHAPTER_05_P.pdf	38,985	KB
07_CHAPTER_06_P.pdf	2,459	KB
08_CHAPTER_07_P.pdf	6,769	KB
09_CHAPTER_08_P.pdf	819	KB
10_CHAPTER_09_P.pdf	2,702	KB
11_CHAPTER_10_P.pdf	351	KB
12_CHAPTER_11_P.pdf	1,712	KB
13_CHAPTER_12_P.pdf	70	KB
14_CHAPTER_13_P.pdf	36	KB
15_CHAPTER_14_P.pdf	62,737	KB
16_CHAPTER_14_APPENDIX_A-G_P.pdf	6,730	KB
17_CHAPTER_15_P.pdf	14	KB
18_CHAPTER_16_P.pdf	150	KB
19_APPENDIX_A_P.pdf	105	KB
20_APPENDIX_B_P.pdf	36	KB

**List of Non-Public Files (SUNSI)**

03_CHAPTER_02_NP.pdf	2,459	KB
04_CHAPTER_03_NP.pdf	16,135	KB
05_CHAPTER_04_NP.pdf	7,074	KB
07_CHAPTER_06_NP.pdf	3,619	KB
09_CHAPTER_08_NP.pdf	8,342	KB
10_CHAPTER_09_NP.pdf	3,032	KB
15_CHAPTER_14_NP.pdf	63,621	KB