



10 CFR §50.71(e)
L-2015-138
April 22, 2015

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 27 Update
and License Renewal 10 CFR 54.37(b) Report

Florida Power & Light Company (FPL) has completed the Unit 4 Cycle 27 (4C27) update of the Turkey Point Units 3 and 4 Updated Final Safety Analysis Report (UFSAR) and its review of design activities to identify any new systems, structures, and components for potential impact on its 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 DVD accurately reflects plant changes made since the previous update (Unit 4 Cycle 26). This update incorporates changes for the period covering April 17, 2013 through October 22, 2014. Miscellaneous user comments obtained during this period have also been incorporated.

The Turkey Point UFSAR is maintained as an electronic "living" document. Changes are made as they meet appropriate incorporation requirements enhancing our ability to maintain the Turkey Point licensing basis current. This UFSAR update is a snapshot of our continually revised UFSAR. Accordingly, Turkey Point identifies periodic UFSAR updates required by 10 CFR 50.71(e) as Unit 4 cycle-specific updates, consistent with our existing UFSAR update commitment linked to completion of each Unit 4 refueling outage (10 CFR 50.71(e)(4) exemption dated July 16, 1998). Revised pages are annotated in the lower right corner by dates ranging throughout the update period, based on the date the changes on each page were incorporated. The cycle designator (C27) is provided with the revision bar to identify changed portions.

A single DVD containing this document is submitted in lieu of hard copies, consistent with

previous UFSAR updates (last submitted on October 16, 2013 and resubmitted on December 19, 2013). This UFSAR supersedes all previous copies of the document. It is labeled "Turkey Point UFSAR 4C27."

File counts are as follows:

22 UFSAR Files (includes Start file), publicly available. The UFSAR Data files are itemized as follows:

LOEP.pdf	119	KB
001CHAPTER_1.pdf	3,634	KB
002CHAPTER_2.pdf	2,304	KB
003CHAPTER_3.pdf	14,081	KB
004CHAPTER_4.pdf	2,292	KB
005CHAPTER_5.pdf	39,392	KB
006CHAPTER_6.pdf	2,643	KB
007CHAPTER_7.pdf	6,934	KB
008CHAPTER_8.pdf	1,310	KB
009CHAPTER_9.pdf	2,706	KB
010CHAPTER_10.pdf	202	KB
011CHAPTER_11.pdf	1,597	KB
012CHAPTER_12.pdf	67	KB
013CHAPTER_13.pdf	18	KB
014CHAPTER_14.pdf	30,262	KB
015CHAPTER_14A_G.pdf	5,662	KB
016CHAPTER_15.pdf	13	KB
017CHAPTER_16.pdf	181	KB
018A_A.pdf	68	KB
019A_B.pdf	31	KB
App9.6a.pdf	1,101	KB
Start.pdf	9,970	KB

The entire UFSAR is PDF Normal; therefore, the full text index should be considered highly reliable. It is recommended that the UFSAR be opened via launching the "start.pdf" file. Thereafter, all chapter navigation can be done within Acrobat Reader.

Also enclosed is another DVD that contains the drawings referenced in the UFSAR. This DVD is submitted for information only and is not part of the update required by 10 CFR 50.71(e) and it is labeled "Turkey Point Drawings Referenced in UFSAR 4C27". The included drawings are a mixture of PDF Normal and Scanned Image PDF. There are eleven (11) drawing files plus an index.

License Renewal 10 CFR 54.37(b) Report

The license renewal review addressed the requirements of 10 CFR 54.37(b) for the period current UFSAR Update period April 17, 2013 through October 22, 2014. The review effort included items noted in the NRC Regulatory Issue Summary (RIS) 2007-16, Revision 1, "Implementation of the Requirements of 10 CFR 54.37(b) for Holders of Renewed Licenses," as well as UFSAR revised text, plant changes/modifications installed, and item equivalency evaluations.

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, please contact Mr. Mitch Guth at 305-246-6698.

Very truly yours,



Michael Kiley
Vice President
Turkey Point Nuclear Plant

Enclosures: DVD, Turkey Point UFSAR 4C27
DVD, Turkey Point Drawings Referenced in UFSAR 4C27 (For Information Only)

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