Enclosure 1 (DVD 1) contains ~~Security Related Information – Withhold Under 10 CFR 2.390. Upon removal~~ of Enclosure 1, this document is decontrolled.

MAR 2 5 2019

L-2019-043
10 CFR 50.71
10 CFR 50.4
10 CFR 54.37

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

Re: St. Lucie Unit 2
Docket No. 50-389
Updated Final Safety Analysis Report Amendment No. 25

Pursuant to 10 CFR 50.71(e) and in accordance with 10 CFR 50.4(b)(6) as modified by U. S. Nuclear Regulatory Commission (NRC) publication "Guidance for Electronic Submissions to the NRC," Florida Power and Light Company (FPL) is submitting Amendment 25 to the St. Lucie Unit 2 Updated Final Safety Analysis Report (UFSAR) on DVD. Additionally, FPL has completed 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 also submits the results of the license renewal review in accordance with the requirements of 10 CFR 54.37(b).

A brief description and summary of the 10 CFR 50.59 safety evaluations of changes, tests, and experiments reportable pursuant to 10 CFR 50.59 is being submitted under separate cover letter.

Two DVDs containing the Unit 2 UFSAR Amendment 25 are submitted in lieu of hard copy. This UFSAR supersedes all previous versions of the document. It is labeled St. Lucie Nuclear Plant UFSAR Unit 2 - Amendment 25 Non Public.

Based on NRC Regulatory Issue Summary (RIS) 2015-17, "Review and Submission of Updates to Final Safety Analysis Reports, Emergency Preparedness Documents, and Fire Protection Documents," FPL has reviewed Amendment 25 of the St. Lucie UFSAR for sensitive information. Consequently, two versions of Amendment 25 of the UFSAR are provided on two DVDs. One version, on DVD 1 (provided as Enclosure 1), is a complete text of the UFSAR and contains sensitive information which should be withheld from public disclosure per the guidance in RIS 2015-17. The information FPL has identified to be withheld is designated by the statement, "Security Related Information – Withhold Under 10 CFR 2.390," at the top and bottom of the page. Upon removal of Enclosure 1, this document is decontrolled. The second version, on DVD 2 (provided as Enclosure 2), is a redacted text of the UFSAR. Each page on which information was withheld contains the designation, "Withheld Under 10 CFR 2.390." The UFSAR version on DVD 2 is therefore suitable for public disclosure.

A053
NRR

License Renewal10 CFR 54.37(b) Report

Pursuant to 10 CFR 54.37(b), this UFSAR update includes any systems, structures, and components newly identified that would have been subject to an aging management review or evaluation of time-limited aging analysis (TLAA) in accordance with 10 CFR 54.21. This UFSAR update also describes how the effects of aging will be managed such that the intended function(s) in 10 CFR 54.4(b) will be effectively maintained during the period of extended operation.

Newly Identified SSCs

EC 281756, Install Mesh Liners and Restriction Orifice for Reactor Auxiliary Building (RAB) Floor Drain Lines to Emergency Core Cooling System (ECCS) Pump Rooms

Unit 2 UFSAR Amendment 25 includes changes associated with EC 281756. The change moved the License Renewal scope boundary from the discharge of the associated drain valves to the ECCS pump room wall penetrations.

The piping brought into scope by EC 281756 meets the criteria of 54.37(b)(2), as the piping was installed in the plant at the time of the license renewal review and included in in the current licensing basis (CLB) and would have been subjected to an aging management review.

10 CFR 54.21 (a)(1) Aging Management Review

The Component Commodity Group of Valves Piping / Fittings in Table 5.2-7, Waste Management (Systems 06 and 25N) in the existing Aging Management Review included piping in the same line with the same intended function, material, internal and external environments. No aging effects required aging management. There are no differences in function, material or environment for the additional piping sections as compared to the piping evaluated in the Aging Management Review. Therefore no changes to aging management programs, procedures or Aging Management Review documentation are required.

DBD-SLI-OLR-2
Table 5.2-7
WASTE MANAGEMENT (Systems 06 and 25N)

Component Commodity Group (GALL Reference)	Intended Function	Material	Environment	Aging Effects Requiring Management	Program / Activity
Internal Environment					
Valves Piping/fittings	Pressure Boundary	Stainless Steel	Raw water – drains Air/gas	None	None Required
External Environment					
Valves Piping/fittings	Pressure Boundary	Stainless Steel	Indoor -not air conditioned Containment air	None	None Required

Should you have any questions regarding this submittal, please contact Mr. Michael J. Snyder, Licensing Manager, at 772-467-7036.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Executed on MAR 2 5 2019

Sincerely,

Daniel DeBoer
Site Director
St. Lucie Plant

DD/rcs

Enclosures (2)
1. DVD St. Lucie Nuclear Plant UFSAR Unit 2 - Amendment 25 Non Public
2. DVD St. Lucie Nuclear Plant UFSAR Unit 2 - Amendment 25 Public

cc: USNRC Regional Administrator, Region II
USNRC Project Manager, St. Lucie Plant
USNRC Senior Resident Inspector, St. Lucie Plant