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10CFR50.12
10CFR52.63

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U.S. Nuclear Regulatory Commission
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**LEVY NUCLEAR PLANT, UNITS 1 AND 2
DOCKET NOS. 52-029 AND 52-030
SUPPLEMENTAL RESPONSE TO NRC RAI LETTER 124 – SRP SECTION 6.3 TO
ADDRESS CONTAINMENT CONDENSATE RETURN COOLING DESIGN**

- References:
1. Letter from Christopher Fallon (DEF) to Nuclear Regulatory Commission (NRC) dated May 5, 2015, "Response to NRC RAI Letter 124 – SRP Section 6.3, And Supplement 6 To Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design", Serial: NPD-NRC-2015-015
 2. Letter from B. H. Whitley (SNC) to NRC, dated December 4, 2014, "Vogtle Electric Generating Plant – Units 3 and 4 Response to Request for Additional Information Letter No.04 "Mitigating Strategies for Beyond Design Basis External Events"", ND-14-1838 (ML14338A658)
 3. Letter from C. R. Pierce (SNC) to NRC, dated February 26, 2015, "Vogtle Electric Generating Plant – Units 3 and 4 Response to Request for Additional Information Letter No. 05 "Mitigation Strategies for Beyond Design Basis External Events"" ND-15-0135 (ML15057A590)

Ladies and Gentlemen:

Duke Energy Florida, Inc. (DEF) provided a response to NRC Request for Additional Information (RAI) Letter 124 regarding the operation of the passive residual heat removal heat exchanger (PRHR HX) in Reference 1. This response included discussion of the long-term safe shutdown conditions maintained by the PRHR HX, with backup capability provided by the automatic depressurization system (ADS) along with injection/recirculation supplied by the Passive Core Cooling System (PXS). Southern Nuclear Operating Company, Inc. (SNC) provided additional information regarding the capabilities of ADS and PXS during a beyond-design-basis external event in References 2 and 3.

In a public meeting held July 2, 2015, the NRC staff asked if DEF endorsed the RAI responses provided by SNC (References 2 and 3), as applicable to the Levy Nuclear Plant (LNP) Units 1 and 2 Combined License Application (COLA).

This letter confirms DEF's endorsement of the SNC RAI responses regarding passive core cooling and ADS operation during a beyond-design-basis external event as being applicable to the LNP COLA.

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If you have any further questions, or need additional information, please contact Bob Kitchen at (704) 382-4046, or me at (704) 382-9248.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on July 16, 2015.

Sincerely,

A handwritten signature in black ink that reads "Christopher M. Fallon". The signature is written in a cursive, flowing style.

Christopher M. Fallon
Vice President - Nuclear Development

cc : U.S. NRC Region II, Regional Administrator
Donald Habib, U.S. NRC Project Manager