



March 10, 2015

L-2015-048  
10 CFR 50.54(f)

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

St. Lucie Units 1 and 2  
Docket Nos. 50-335 and 50-389

RE: FPL/St. Lucie Plant's Flooding Hazards Reevaluation for Information Pursuant to 10 CFR 50.54(f) Regarding Flooding Aspects of Recommendations 2.1 of the Near-Term Task Force Review of Insights from the Fukushima Dai-Ichi Accident

References:

- 1) NRC Letter, "Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-Ichi Accident," dated March 12, 2012, Accession No. ML12073A348.
- 2) NRC Letter, "Prioritization of Response Due Dates for Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Flooding Hazard Reevaluations for Recommendation 2.1 of the Near-Term Task Force Review of Insights from the Fukushima Dai-Ichi Accident," dated May 11, 2012, Accession No ML12097A509.
- 3) FPL Letter dated June 11, 2012, FPL/St. Lucie Plant's 90 Day Response to NRC Request for Information Pursuant to 10 CFR 50.54(f) Regarding Flooding Aspects of Recommendations 2.1 and 2.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-Ichi Accident, Accession No ML12172A143.

On March 12, 2012, the NRC issued the Reference 1 letter to all power reactor licensees and holders of construction permits in active or deferred status. Enclosures 2 and 4 of the Reference 1 letter contain specific Requested Actions, Requested Information, and Required Responses associated with Recommendations 2.1 and 2.3 for Flooding Evaluations and Walkdowns, respectively. Reference 3 provided FPL's 90-day response to Reference 1 for the St. Lucie Plant.

Reference 2 identified the response date of March 12, 2015 for the St. Lucie Plant's flood hazard reevaluation which corresponds to 3 years from the date of Reference 1. The attachment to this letter provides the flooding hazards reevaluation for the St. Lucie Plant. The flooding hazards reevaluation concluded an interim evaluation is required to determine the effects of Local Intense Precipitation (LIP) since this flood-cause mechanism is not bounded by the current plant design-bases flood hazard. Once the interim evaluation of LIP is completed, an interim measures known, additional correspondence will be submitted to the NRC prior to completion of the Integrated Assessment. The Integrated Assessment report for St. Lucie will be submitted by March 12, 2017.

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This letter makes no new commitments or changes to any existing commitments.

If you have any questions or require additional information, please contact Eric Katzman, St. Lucie Licensing Manager, at (772) 467-7734.

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

Executed on March 10, 2015

Respectfully submitted,

A handwritten signature in black ink that reads "Christopher R. Costanzo". The signature is written in a cursive style with a large, prominent initial "C".

Christopher R. Costanzo  
Site Vice President  
St. Lucie Plant

CRC/KWF

Attachment – Flooding Hazards Reevaluation Report FPL-072-PR-002, Revision 0.

cc: USNRC Regional Administrator, Region II  
USNRC Senior Resident Inspector, St. Lucie Units 1 and 2

Flooding Hazards Reevaluation Report FPL-072-PR-002, Revision 0

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