

October 25, 2012

L-2012-385  
10 CFR 50.90

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

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

Florida Power & Light (FPL)'s Initial Status Report in Response to March 12, 2012  
Commission Order Modifying Licenses with Regard to Requirements for Mitigation  
Strategies for Beyond-Design-Basis External Events (Order Number EA-12-049)

References:

1. NRC Order Number EA-12-049, Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events (ML12054A736)
2. NRC Interim Staff Guidance JLD-ISG-2012-01, Compliance with Order EA-12-049, Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events, Revision 0, dated August 30, 2012 (ML12229A174)
3. Nuclear Energy Institute (NEI) Letter to NRC, Industry Initiative on Procurement of Equipment for the Diverse and Flexible Coping Strategy (FLEX), dated February 24, 2012 (ML12061A023)
4. NEI 12-06, Diverse and Flexible Coping Strategies (FLEX) Implementation Guide, Revision 0, dated August 2012

On March 12, 2012, the Nuclear Regulatory Commission ("NRC" or "Commission") issued an order (Reference 1) to FPL. Reference 1 was immediately effective and directs FPL to develop, implement, and maintain guidance and strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities in the event of a beyond-design-basis external event. Specific requirements are outlined in Attachment 2 of Reference 1.

Reference 1 requires submission of an initial status report 60 days following issuance of the final interim staff guidance. The final interim staff guidance (Reference 2) was issued August 30, 2012. The purpose of this letter is to provide the initial status report pursuant to Section IV, Condition C.2, of Reference 1 within 60 days following issuance of Reference 2. This report confirms FPL has received Reference 2 and is in the process of evaluating the guidance for the purpose of establishing mitigation strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities in the event of a beyond-design-basis external event as described in Attachment 2 of Reference 1.

Major activities completed during this reporting period:

- Additional portable equipment was ordered prior to the issuance of Reference 2, as described in an NEI letter to the NRC (Reference 3).

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- A site-specific evaluation is in progress to establish the coping capabilities as defined in NEI 12-06 (Reference 4).
- Resources are being identified and project plans initiated, including development of milestones, to assure compliance with Reference 1.

Planned activities for the next six months:

- Development and submittal of the overall integrated plan.

Technical difficulties encountered that could affect the ability to provide the licensee's February 28, 2013, submittal:

- None at this time.

Project milestones schedule through completion of installation and testing:

- A project milestones schedule will be provided with the overall integrated plan.
- Implementation of the order will be completed for St. Lucie Unit 1 prior to startup from Refueling Outage (RFO) SL1-26 Spring 2015.
- Implementation of the order will be completed for St. Lucie Unit 2 prior to startup from Refueling Outage (RFO) SL2-22 Fall 2015.

This letter contains no new regulatory commitments. If you have any questions regarding this report, please contact Eric S. Katzman, Licensing Manager at (772) 467-7748.

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

Executed on October 25, 2012.

Respectfully submitted,



Joseph Jensen  
Site Vice President  
St. Lucie Plant

cc: Eric J. Leeds, Director, Office of Nuclear Reactor Regulation  
Victor McCree, NRC Regional Administrator  
Tim Hoeg, NRC Resident Inspector  
Trace Orf, NRC Licensing Project Manager  
Ms. Jessica A. Kratchman, NRR/JLD/PMB, NRC  
Mr. Eric E. Bowman, NRR/DPR/PGCB, NRC or Ms. Eileen M. Mckenna,  
NRO/DSRA/BPTS, NRC