



Benjamin C. Waldrep  
526 South Church Street  
Charlotte, NC 28202

Mailing Address:  
Mail Code EC07H / P.O. Box 1006  
Charlotte, NC 28201-1006

704-382-8162

704-382-4541 fax

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BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-325 AND 50-324 / RENEWED LICENSE NOS. DPR-71 AND DPR-62

CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT  
DOCKET NO. 50-302 / LICENSE NO. DPR-72

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT NO. 1  
DOCKET NO. 50-400 / RENEWED LICENSE NO. NPF-63

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261 / RENEWED LICENSE NO. DPR-23

**SUBJECT: CAROLINA POWER & LIGHT COMPANY AND FLORIDA POWER CORPORATION'S INITIAL STATUS REPORT IN RESPONSE TO MARCH 12, 2012, COMMISSION ORDER MODIFYING LICENSES WITH REGARD TO REQUIREMENTS FOR RELIABLE SPENT FUEL POOL INSTRUMENTATION (ORDER NUMBER EA-12-051)**

**REFERENCE:**

1. NRC Order Number EA-12-051, *Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation*
2. NRC Interim Staff Guidance JLD-ISG-2012-03, *Compliance with Order EA-12-051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation*, Revision 0, dated August 29, 2012
3. NEI 12-02, *Industry Guidance for Compliance with NRC Order EA-12-051, "To Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation,"* Revision 1, dated August 2012.

Ladies and Gentlemen:

On March 12, 2012, the Nuclear Regulatory Commission ("NRC" or "Commission") issued an order (Reference 1) to Carolina Power & Light Company (CP&L) and Florida Power Corporation (FPC). Reference 1 was immediately effective and directs CP&L and FPC to have a reliable indication of the water level in associated spent fuel storage pools. 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 CP&L and FPC have received Reference 2 and are in the process of evaluating the guidance for the purpose of providing a reliable indication of the water level in associated spent fuel storage pools as described in Attachment 2 of Reference 1.

Major activities during this reporting period:

- The licensees actively participated in development of Reference 3 and discussions with the NRC staff leading to the qualified endorsement of Reference 3 per Reference 2.
- 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.
- Completion of instrument technology evaluations.
- Initiation of procurement process for primary components.
- Initiation of design activities for plant modification packages.

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 the following units as indicated below.

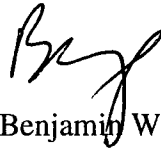
<b>Unit</b>	<b>Prior to startup from Refueling Outage (RFO) or By</b>
Brunswick Steam Electric Plant, Unit Nos. 1	B121 (Spring 2016)
Brunswick Steam Electric Plant, Unit Nos. 2	B222 (Spring 2015)
Crystal River Unit 3 Nuclear Generating Plant	December 31, 2016
Shearon Harris Nuclear Power Plant, Unit No. 1	H119 (Spring 2015)
H. B. Robinson Steam Electric Plant, Unit No. 2	R229 (Spring 2015)

This letter contains no new regulatory commitments.

If you have any questions or require additional information, please contact Donna Alexander, Manager, Nuclear Regulatory Affairs, at (919) 546-5357.

I declare under the penalty of perjury that the foregoing is true and correct. Executed on  
October 29, 2012.

Sincerely,



Benjamin Waldrep  
Vice President  
Corporate Governance and Operations Support

DBM

cc: USNRC Region II, Regional Administrator  
USNRC Resident Inspector – BSEP, Unit Nos. 1 and 2  
USNRC Resident Inspector – CR3  
USNRC Resident Inspector – SHNPP, Unit No. 1  
USNRC Resident Inspector – HBRSEP, Unit No. 2  
USNRC Director, Office of Nuclear Reactor Regulation  
F. Saba, NRR Project Manager – BSEP, Unit Nos. 1 and 2; CR3  
A. T. Billoch Colón, NRR Project Manager – SHNPP, Unit No. 1; HBRSEP, Unit No. 2  
Lisa M. Regner, NRR/JLD/PMB, NRC  
Blake A. Purnell, NRR/JLD/PMB, NRC  
Steven R. Jones, NRR/DSS/SBPB, NRC