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10 CFR 50.4

ATTN: Document Control Desk  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555-001

**Subject:** Duke Energy Carolinas, LLC (Duke Energy)

Catawba Nuclear Station (CNS), Units 1 and 2  
Docket Nos. 50-413 and 50-414  
Renewed License Nos. NPF-35 and NPF-52

McGuire Nuclear Station (MNS), Units 1 and 2  
Docket Nos. 50-369 and 50-370  
Renewed License Nos. NPF-9 and NPF-17

Oconee Nuclear Station (ONS), Units 1, 2, and 3  
Docket Nos. 50-269, 50-270, and 50-287  
Renewed License Nos. DPR-38, DPR-47, and DPR-55

Duke Energy'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-12-0051, 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-12-0051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation, Revision 0, dated August 29, 2012

On March 12, 2012, the Nuclear Regulatory Commission ("NRC" or "Commission") issued an order (Reference 1) to Duke Energy. Reference 1 was immediately effective and directs Duke Energy 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 that Duke Energy has received Reference 2 and is 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.

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Major activities completed or in progress for this reporting period:

- 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 Duke Energy's ability to provide the February 28, 2013, submittal:

- None at this time.

Project milestones schedule through completion of installation and testing:

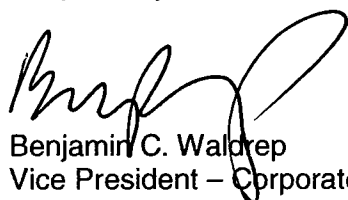
- A project milestones schedule will be provided with the overall integrated plan.
- Implementation of the order will be completed for CNS Unit 1 prior to startup from Refueling Outage (RFO) 22 (Fall 2015)
- Implementation of the order will be completed for CNS Unit 2 prior to startup from Refueling Outage (RFO) 20 (Spring 2015)
- Implementation of the order will be completed for MNS Unit 1 prior to startup from Refueling Outage (RFO) 23 (Fall 2014)
- Implementation of the order will be completed for MNS Unit 2 prior to startup from Refueling Outage (RFO) 23 (Fall 2015)
- Implementation of the order will be completed for ONS Unit 1 prior to startup from Refueling Outage (RFO) 29 (Fall 2016)
- Implementation of the order will be completed for ONS Unit 2 prior to startup from Refueling Outage (RFO) 27 (Fall 2015)
- Implementation of the order will be completed for ONS Unit 3 prior to startup from Refueling Outage (RFO) 28 (Spring 2016)

This is Duke Energy's consolidated response for its licensed operating plants (CNS Units 1 and 2; MNS Units 1 and 2; and ONS Units 1, 2, and 3). This letter contains no new regulatory commitments.

Should you have any questions concerning this letter, or require additional information, please contact Jeff Thomas, Manager, Fukushima Response Program Operations and Support, at (704) 382-3438.

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

Respectfully submitted,



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xc:

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United States Nuclear Regulatory Commission  
October 29, 2012  
Page 4

xc: (continued)

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