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GNRO-2012/0130

October 29, 2012

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
11555 Rockville Pike  
Rockville, MD 20852

**SUBJECT:** 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)

Grand Gulf Nuclear Station, Unit No. 1  
Docket No. 50-416  
License No. NPF-29

**REFERENCES:**

1. NRC Order Number EA-12-051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation (GNRI-2012/00057)
2. NRC Interim Staff Guidance JLD-ISG-2012-03, Compliance with Order EA-12-051, *Reliable Spent Fuel Pool Instrumentation*, Revision 0, dated August 29, 2012 (ML 12221A339)

Dear Sir or Madam:

On March 12, 2012, the Nuclear Regulatory Commission ("NRC" or "Commission") issued an order (Reference 1) to Grand Gulf Nuclear Station (GGNS). Reference 1 was immediately effective and directs GGNS 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 GGNS 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.

Major activities completed during 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 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 GGNS Unit No. 1 prior to startup from Refueling Outage (RFO) Spring 2016.

This letter contains no new regulatory commitments.

If you have any questions regarding this report, please contact Jeffery A. Seiter at 601-437-2344.

I declare under penalty of perjury that the foregoing is true and correct; executed on October 26, 2012.

Sincerely,



MP / jas

cc: (see next page)

cc: Mr. Elmo E. Collins, Jr.  
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