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Vice President, Operations
Arkansas Nuclear One

0CAN021303

February 28, 2013

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

SUBJECT: Overall Integrated Plan in Response to March 12, 2012, Commission Order Modifying License with Regard to Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051)
Arkansas Nuclear One – Units 1 and 2
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6

REFERENCES: 1. NRC Order Number EA-12-051, *Order to Modify Licenses with Regard to Reliable Spent Fuel Pool (SFP) Instrumentation*, dated March 12, 2012 (0CNA031207) (ML12054A682)

2. NRC Interim Staff Guidance JLD-ISG-2012-03, *Compliance with Order EA-12-051, Reliable SFP Instrumentation*, Revision 0, dated August 29, 2012 (ML12221A339)

3. Nuclear Energy Institute (NEI) 12-02, Revision 1, *Industry Guidance for Compliance with NRC Order EA-12-051, "To Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation,"* dated August 2012 (ML12240A307)

4. Entergy letter to NRC, *Initial Status Report in Response to March 12, 2012, Commission Order Modifying Licenses with Regard to Requirements for Reliable SFP Instrumentation (Order Number EA-12-051)*, dated October 26, 2012 (0CAN101204)

Dear Sir or Madam:

On March 12, 2012, the NRC issued an order (Reference 1) to Entergy Operations, Inc. (Entergy). Reference 1 was immediately effective and directs Arkansas Nuclear One (ANO) to have a reliable indication of the water level in associated spent fuel storage pools. Specific requirements are outlined in the Enclosure of Reference 1..

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Reference 1 requires submission of an Overall Integrated Plan by February 28, 2013. The NRC Interim Staff Guidance (Reference 2) was issued August 29, 2012, and endorses industry guidance document NEI 12-02, Revision 1 (Reference 3) with clarifications and exceptions identified in Reference 2. Reference 3 provides direction regarding the content of this Overall Integrated Plan. The purpose of this letter is to provide that Overall Integrated Plan pursuant to Section IV, Condition C.1, of Reference 1.

Reference 3, Appendix A-2 contains the specific reporting requirements for the Overall Integrated Plan. The enclosure to this letter provides ANO's Overall Integrated Plan pursuant to Appendix A-2 of Reference 3. Reference 4 provided the ANO initial status report regarding reliable spent fuel pool instrumentation, as required by Reference 1. Entergy has not yet identified any impediments to compliance with the Order, i.e., within two refueling cycles after submittal of the integrated plan. Future status reports will be provided as required by Section IV, Condition C.2, of Reference 1, and pursuant to Appendix A-2-3 of Reference 3 which will discuss any changes in compliance method, schedule, and any need for relief including basis.

This letter contains no new regulatory commitments. If you have any questions regarding this report, please contact Stephenie Pyle at 479.858.4704.

I declare under penalty of perjury that the foregoing is true and correct; executed on February 28, 2013.

Sincerely,

Michael R. Chuan for Jeremy Browning

JGB/nbm

Enclosure: ANO Overall Integrated Plan for Reliable SFP Instrumentation

cc: Mr. Elmo E. Collins
Regional Administrator
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