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EA-12-051

Attention: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Serial No.: 12-164A  
NL&OS/MAE: R0  
Docket No.: 50-305  
License No.: DPR-43

**DOMINION ENERGY KEWAUNEE, INC.**  
**KEWAUNEE POWER STATION**  
**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)**

References:

1. NRC Order Number EA-12-051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation, dated March 12, 2012 (ML12073A202)
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 (ML12221A339)

On March 12, 2012, the Nuclear Regulatory Commission ("NRC" or "Commission") issued an order (Reference 1) to Dominion Energy Kewaunee, Inc. (DEK). Reference 1 was immediately effective and directs DEK 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 29, 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 DEK 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 the spent fuel storage pool 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.
- Requests for Information (RFI) were issued to spent fuel pool instrumentation (SFPI) suppliers.
- Responses to the RFIs have been reviewed and potential equipment has been identified.
- Procurement specifications, requesting bids from SFPI suppliers that offer this equipment, are being prepared.

Planned activities for the next six months:

- Development and submittal of the overall integrated plan.
- Issuance of site-specific procurement specifications.
- Selection of equipment and a supplier(s).

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