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Vice President

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May 6, 2016  
L-16-165

10 CFR 2.202

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

SUBJECT:  
Perry Nuclear Power Plant  
Docket No. 50-440, License No. NPF-58  
Supplemental Information to Compliance with NRC Order EA-12-049  
(CAC No. MF0962)

On March 12, 2012, the Nuclear Regulatory Commission (NRC) issued Order EA-12-049, Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events, to FirstEnergy Nuclear Operating Company (FENOC). This Order was effective immediately and directed FENOC to develop, implement, and maintain guidance and strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities in the event of a beyond-design-basis external event for the Perry Nuclear Power Plant (PNPP) as outlined in Attachment 2 of the Order. By letter dated August 20, 2015, FENOC provided the notification required by Section IV.C.3 of the Order that full compliance with the requirements described in Attachment 2 of the Order had been achieved for PNPP. The following information is provided to supplement the notification.

During modification of the FLEX equipment storage area identified as FLEX Equipment Bay 1, ventilation was changed such that there is no longer forced ventilation provided. No adverse environmental consequences are expected for the storage of equipment in this area based on weather conditions experienced during the plant life. The building construction for FLEX Equipment Bay 1 is similar to that of FLEX Equipment Bay 2. In addition, FLEX Equipment Bay 1 has a wall-mounted heater that provides additional margin for extreme cold outside temperatures, making the evaluation performed for FLEX Equipment Bay 2 bounding for FLEX Equipment Bay 1.

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To clarify previously provided information, the time to boil the spent fuel pool down to 10 feet above the fuel racks is approximately 122 hours at Normal Decay Heat loads and approximately 47 hours at Maximum Decay Heat loads.

There are no regulatory commitments contained in this letter. If there are any questions or if additional information is required, please contact Mr. Thomas A. Lentz, Manager – Fleet Licensing, at 330-315-6810.

I declare under penalty of perjury that the foregoing is true and correct. Executed on May 6, 2016.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Hamilton', with a stylized, cursive flourish.

David B. Hamilton

cc: Director, Office of Nuclear Reactor Regulation (NRR)  
NRC Region III Administrator  
NRC Resident Inspector  
NRC Project Manager