

David B. Hamilton  
Vice President

440-280-5382

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L-16-095

10 CFR 50.46

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

SUBJECT:  
Perry Nuclear Power Plant  
Docket No. 50-440, License No. NPF-58  
2015 Annual Report of Emergency Core Cooling System Errors and Model Changes

Attached is the 2015 Annual Report of Emergency Core Cooling System Errors and Model Changes for the Perry Nuclear Power Plant. FirstEnergy Nuclear Operating Company (FENOC) is submitting this report to the Nuclear Regulatory Commission (NRC) in accordance with 10 CFR 50.46(a)(3)(ii).

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

Sincerely,



David B. Hamilton

Attachment:  
2015 Annual Report of Emergency Core Cooling System Errors and Model Changes

cc: NRC Region III Administrator  
NRC Resident Inspector  
NRC Project Manager

2015 Annual Report of Emergency Core Cooling System Errors and Model Changes  
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**New Errors and Changes:**

**Change in an acceptable evaluation model or application of such model:**

None.

**Errors:**

None.

**Report Summary:**

During 2015, with respect to the GE14 fuel type, there were no changes in an acceptable evaluation model or application, nor were there any errors identified.

During 2015, the GNF2 fuel type was introduced into the Perry Nuclear Power Plant (Perry) for Cycle 16 operations. A new loss of coolant accident analysis was performed supporting the GNF2 introduction. This analysis, which is the analysis of record for the GNF2 fuel type, was conducted in accordance with Nuclear Regulatory Commission approved methods. There were no changes in an acceptable evaluation model or application, nor were there any errors identified.