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L-15-095

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  
2014 Annual Report of Emergency Core Cooling System Errors and Model Changes

Attached is the 2014 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 additional information is required, please contact Mr. Thomas A. Lentz, Manager – Fleet Licensing, at (330) 315-6810.

Sincerely,



Ernest J. Harkness

## Attachment:

2014 Annual Report of Emergency Core Cooling System Errors and Model Changes

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

2014 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:

See report summary below.

Errors:

See report summary below.

**Report Summary:**

A review was conducted of correspondence and required notifications from General Electric Hitachi and Global Nuclear Fuel – Americas, LLC (GNF); the GNF Supplemental Reload Licensing Report for Perry 1 Reload 15 / Cycle 16; and the FENOC corrective action program database. For 2014, the review identified one methodology change and three errors.

By correspondence dated June 18, 2014 (Accession No. ML14170A178), FENOC notified the NRC of the one methodology change and three errors, as required by 10 CFR 50.46(a)(3)(ii). In its correspondence, FENOC provided a summary assessment of the methodology change and errors. FENOC also stated the peak cladding temperature (PCT) is 1555 degrees Fahrenheit (°F), and that it continues to satisfy the 10 CFR 50.46(b)(1) criteria of PCT not to exceed 2200°F. For 2014, no other methodology changes or errors were identified.