

David B. Hamilton  
Vice President

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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  
2018 Annual Report of Emergency Core Cooling System Errors and Model Changes

Attached is the 2018 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. Phil H. Lashley, Acting Manager – Nuclear Licensing and Regulatory Affairs, at (330) 315-6808.

Sincerely,



David B. Hamilton

Attachment:  
2018 Annual Report of Emergency Core Cooling System Errors and Model Changescc: NRC Region III Administrator  
NRC Resident Inspector  
NRC Project Manager

2018 Annual Report of Emergency Core Cooling System Errors and Model Changes  
Page 1 of 1

**New Errors and Changes:**

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

None.

Errors:

None.

**Report Summary:**

During 2018, with respect to the GE14 and GNF2 fuel types, there were no changes in an acceptable evaluation model (EM) or application, nor were there any errors identified. The peak cladding temperature (PCT) value for each of these fuel types was unaltered. These results are summarized in the following table:

Perry Nuclear Power Plant, Unit 1		GE14 Fuel	GNF2 Fuel
		PCT or PCT Change	PCT or PCT Change
Licensing Basis PCT at BEGINNING of 2018		1555°F	1610°F
2018 Activity			
EM Errors	NONE	NONE	NONE
EM Changes	NONE	NONE	NONE
Licensing Basis PCT at END of 2018		1555°F	1610°F