

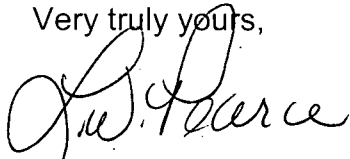
L. William Pearce
Vice President440-280-5382
Fax: 440-280-8029February 2, 2007
PY-CEI/NRR-3017LUnited States Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555Perry Nuclear Power Plant
Docket No. 50-440
Subject: 2006 Annual Report

Ladies and Gentlemen:

Attached is the 2006 Annual Report for the Perry Nuclear Power Plant (PNPP). This report is submitted in accordance with 10 CFR 50.46(a)(3)(ii), and also fulfills ongoing commitments associated with License Commitment 17 contained in the PNPP Updated Safety Analysis Report, Appendix 1B.

If there are any questions or if additional information is required, please contact Mr. Jeffrey Lausberg, Manager-Regulatory Compliance at (440) 280-5940.

Very truly yours,



Attachment

cc: NRC Project Manager
NRC Resident Inspector Office
NRC Region III
REIRS Project Manager

A002

FIRSTENERGY NUCLEAR OPERATING COMPANY

PERRY NUCLEAR POWER PLANT

January 1, 2006 to December 31, 2006

ANNUAL REPORT TO NRC

DOCKET NUMBER: 50-440

LICENSE NUMBER: NPF-58

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10 CFR 50.46 Reporting of ECCS Model Changes and Errors

Model Changes:

One change was reported in 2006 concerning the SAFER/GESTR model:

1. GNF Notification 2006-01, Dated July 28, 2006

This notification identifies an issue with the application of the SAFER/GESTR LOCAL analysis tool. The previous methodology was to assume a mid peaked power shape for input. Recent analysis has shown other power shape may be more limiting. General Electric procedures have been revised to consider a range of power shapes for inputs. General Electric performed a range of studies reviewing past analysis. GE concluded this change resulted in a no change (0 degrees F) in the licensing basis peak cladding temperature for GE14 fuel at Perry. This change was previously reported by letter dated August 28, 2006 (PY-CEI/NRR-2986L).

Model Errors:

None

Silicone Sealant Inspections

No inspections were scheduled or performed this year. Inspection activities are currently scheduled to be performed in RFO-11 (March-April, 2007).