



FirstEnergy Nuclear Operating Company

Perry Nuclear Power Plant
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February 18, 2013
L-13-046

10 CFR 50.46(a)

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

SUBJECT:
Perry Nuclear Power Plant
Docket No. 50-440, License Number NPF-58
2012 Annual Report

Attached is the 2012 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.

There are no regulatory commitments contained in this letter. If there are any questions or if additional information is required, please contact Mr. Thomas Veitch, Manager - Regulatory Compliance, at (440) 280-5188.

Sincerely,

Vito Kaminskas

Attachment: 2012 Annual Report

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

A002
NIRL

Attachment
L-13-046

FIRSTENERGY NUCLEAR OPERATING COMPANY
PERRY NUCLEAR POWER PLANT
DOCKET NUMBER: 50-440 LICENSE NUMBER: NPF-58

ANNUAL REPORT TO U.S. NUCLEAR REGULATORY COMMISSION
January 1, 2012 to December 31, 2012

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10 CFR 50.46 Reporting of Emergency Core Cooling System (ECCS)
Model Changes and Errors

Change or Error in an acceptable evaluation model or application of such model?

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

10 CFR 50.46 Notification Letter 2012-01 PRIME Fuel Properties Implementation for Fuel Rod T/M Performance, replacing GESTR Fuel Properties

Errors:

None

The above methodology change report was investigated in Condition Report (CR) 12-18673.

The above methodology change report was reported to the USNRC in Letter L-12-447, December 17, 2012, Subject: Perry Nuclear Power Plant, Unit No. 1 Docket No. 50-440, License No. NPF-58 Report of Changes Pursuant to 10 CFR 50.46.

A review was conducted of the Corrective Action Program, correspondence/notifications from General Electric and Global Nuclear Fuels, Supplemental Reload Licensing Report for Perry Reload 13 / Cycle 14, and Perry Calculation FM -038, Perry Peak Cladding Temperatures. As described above, one methodology change was issued to Perry during the year 2012.

Silicone Sealant Inspections and Testing

License Commitment 17, "Silicone Sealant SSER 8-6.5," contained in the PNPP Updated Safety Analysis Report, requires that ESF ventilation systems be inspected for degradation of silicone sealant and that the results be summarized and reported to the NRC in the Annual Report.

2012 was a non-refuel outage year for PNPP. As such, there were no silicone sealant inspections performed in 2012. Inspection activities will be performed in refueling outage 1R14, scheduled to begin March 18, 2013.

During 1R14, visual inspection of exposed ductwork will be performed to check for indication of sealant degradation and test specimens will be leak tested to determine if any degradation of silicone has occurred.