Mr. Barry S. Allen  
Site Vice President  
FirstEnergy Nuclear Operating Company  
Perry Nuclear Power Plant  
P. O. Box 97, 10 Center Road, A-PY-290  
Perry, OH 44081-0097  

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - PERRY NUCLEAR POWER PLANT, UNIT 1

Dear Mr. Allen:

On August 14, 2007, the NRC staff completed its performance review of Perry for the first half of the calendar year 2007 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous 12 months. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as “Official Use Only - Security-Related Information” will include the security cornerstone review and resultant inspection plan.

On May 1, 2007, the NRC staff completed an update of our assessment of the Perry Nuclear Power Plant. Our May 2, 2007, letter informed FirstEnergy Nuclear Operating Company that all actions had been completed for Perry to exit the Multiple/Repetitive Degraded Cornerstone column of the NRC’s Action Matrix. Therefore, effective the second quarter 2007, the Perry plant exited the Multiple/Repetitive Degraded Cornerstone column and was placed in the Regulatory Response column, based on the White Emergency AC Power System mitigating systems performance index from January 2007. Regarding the White Performance Index, Region III conducted Supplemental Inspection 95001, "Inspection for One or Two White Inputs in a Strategic Performance Area," during the week of August 20 to assess the root cause analysis and implementation of corrective actions for the performance index. The results will be documented in a report within 30 days of the end of the supplemental inspection.

The enclosed inspection plan details the inspections, less those related to security, scheduled through December 31, 2008. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. Of note, the plan includes a component design bases inspection scheduled for April 2008. The inspections scheduled within the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle review.
In accordance with 10 CFR 2.390 of the NRC’s “Rules of Practice,” a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC’s document system (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

The NRC is currently evaluating the scope and frequency of all the baseline inspection procedures. If the results of the evaluation, or any other circumstances cause us to revise the inspection plan, we will contact you to discuss the change as soon as possible. Please contact Bruce Burgess at (630) 829-9629 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

James L. Caldwell
Regional Administrator

Docket No. 50-440
License No. NPF-58

Enclosure:
Perry Inspection/Activity Plan

DISTRIBUTION
See next page
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Letter to B. Allen from J. Caldwell dated August 31, 2007

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - PERRY NUCLEAR POWER PLANT, UNIT 1

cc w/encl: J. Hagan, President and Chief Nuclear Officer - FENOC
        J. Lash, Senior Vice President of Operations and Chief Operating Officer - FENOC
        D. Pace, Senior Vice President, Fleet Engineering - FENOC
        J. Rinckel, Vice President, Fleet Oversight - FENOC
        R. Anderson, Vice President, Nuclear Support - FENOC
        Director, Fleet Regulatory Affairs - FENOC
        Manager, Fleet Licensing - FENOC
        Manager, Site Regulatory Compliance - FENOC
        D. Jenkins, Attorney, FirstEnergy Corp.
        Public Utilities Commission of Ohio
        Ohio State Liaison Officer
        R. Owen, Ohio Department of Health
        President, Geauga County Board
        Director, Department of Emergency Services
        Geauga County Sheriff
        President, Ashtabula County Board of Commissioners
        Ashtabula County Sheriff
        Director, Ashtabula County Emergency Management Agency
        Mayor, Village of Genoa
        Genoa Village Administrator
        President, Lake County Board of Commissioners
        Lake County Sheriff
        Painesville City Manager
        Lake County Administrator
        Director, Lake County Emergency Management Agency
        President, Village of Fairport Harbor
        Mayor, City of Eastlake
        Mayor, City of Wickliffe
        President, Geneva City Council
        City Manager, Geneva
        Mayor, City of Kirtland
        Mayor, City of Mentor
        City Manager, Mentor
        Mayor, City of Mentor on the Lake
        Administrative Director
        Mayor, City of Willoughby Hills
        Mayor, City of Willoughby
        Mayor, City of Willowick
        Mayor, Village of Madison
        Village Administrator, Village of Madison
        Chairman, Board of Madison Township Trustees
        Mayor, Village of Kirtland Hills
        Mayor, Village of Geneva-on-the-Lake
        Mayor, Lakeline Village
        Mayor, Village of Willowick
        Mayor, Village of Grand River
        INPO
Letter to B. Allen from J. Caldwell dated August 31, 2007

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - PERRY NUCLEAR POWER PLANT, UNIT 1

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KGO
RML2
SAM9
SRI Perry
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DRSIII
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