

August 31, 2007

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

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B. Allen

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DATE	08/21/07	08/21/07	08/28/07	08/29/07

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Letter to B. Allen from J. Caldwell dated August 31, 2007

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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
Gauga 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
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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 Timberlake
Mayor, Village of Grand River
INPO

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PERRY NUCLEAR POWER PLANT, UNIT 1

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PLB1

TXN

Perry
Inspection / Activity Plan
09/01/2007 - 12/31/2008

Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
			Start	End	
BI ENG - ENGINEERING MODIFICATIONS / 50.59 INSP.		2			
IP 7111102	Evaluation of Changes, Tests, or Experiments		08/27/2007	09/14/2007	Baseline Inspections
IP 7111117B	Permanent Plant Modifications		08/27/2007	09/14/2007	Baseline Inspections
BI EP - EP ROUTINE INSPECTION / PI VERIFICATION		1			
IP 7111402	Alert and Notification System Testing		10/16/2007	10/20/2007	Baseline Inspections
IP 7111403	Emergency Response Organization Augmentation Testing		10/16/2007	10/20/2007	Baseline Inspections
IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		10/16/2007	10/20/2007	Baseline Inspections
IP 71151-EP01	Drill/Exercise Performance		10/16/2007	10/20/2007	Baseline Inspections
IP 71151-EP02	ERO Drill Participation		10/16/2007	10/20/2007	Baseline Inspections
IP 71151-EP03	Alert & Notification System		10/16/2007	10/20/2007	Baseline Inspections
95003 - INDEPENDENT CAP FOLLOW UP		1			
IP 95003	Inspection For Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple		10/01/2007	11/30/2007	Supplemental Program
BI RP - RADIATION PROTECTION BASELINE INSPECTION		2			
IP 7112101	Access Control to Radiologically Significant Areas		10/22/2007	10/26/2007	Baseline Inspections
IP 7112102	ALARA Planning and Controls		10/22/2007	10/26/2007	Baseline Inspections
IP 71151-OR01	Occupational Exposure Control Effectiveness		10/22/2007	10/26/2007	Baseline Inspections
IP 71151-PR01	RETS/ODCM Radiological Effluent		10/22/2007	10/26/2007	Baseline Inspections
BI RP - RADIATION PROTECTION BASELINE INSPECTION		1			
IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		12/10/2007	12/14/2007	Baseline Inspections
RPV HEAD - RPV HEAD DROP ANALYSIS INSPECTION		1			
IP 7111120	Refueling and Other Outage Activities		01/07/2008	02/15/2008	Baseline Inspections
BI RP - RADIATION PROTECTION BASELINE INSPECTION		1			
IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P		03/10/2008	03/14/2008	Baseline Inspections
IP 71151-PR01	RETS/ODCM Radiological Effluent		03/10/2008	03/14/2008	Baseline Inspections
BI ENG - COMPONENT DESIGN BASES INSPECTION		5			
IP 7111121	Component Design Bases Inspection		04/14/2008	05/16/2008	Baseline Inspections
BI RP - RADIATION PROTECTION BASELINE INSPECTION		1			
IP 7112101	Access Control to Radiologically Significant Areas		09/08/2008	09/12/2008	Baseline Inspections
IP 71151-OR01	Occupational Exposure Control Effectiveness		09/08/2008	09/12/2008	Baseline Inspections
BI EP - EP EXERCISE INSPECTION / PI VERIFICATION		3			
IP 7111401	Exercise Evaluation		10/06/2008	10/10/2008	Baseline Inspections
IP 71151-EP01	Drill/Exercise Performance		10/06/2008	10/10/2008	Baseline Inspections
IP 71151-EP02	ERO Drill Participation		10/06/2008	10/10/2008	Baseline Inspections
IP 71151-EP03	Alert & Notification System		10/06/2008	10/10/2008	Baseline Inspections

Perry
Inspection / Activity Plan
09/01/2007 - 12/31/2008

Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End		Inspection Type
BI RP - RADIATION PROTECTION BASELINE INSPECTION		1			
IP 7112102	ALARA Planning and Controls		10/13/2008	10/17/2008	Baseline Inspections
IP 71151-BI01	Reactor Coolant System Activity		10/13/2008	10/17/2008	Baseline Inspections
BI RP - RADIATION PROTECTION BASELINE INSPECTION		1			
IP 7112202	Radioactive Material Processing and Transportation		11/17/2008	11/21/2008	Baseline Inspections
BI OL - BIENNIAL REQUAL. PROGRAM INSPECTION		2			
IP 7111111B	Licensed Operator Requalification Program		12/01/2008	12/05/2008	Baseline Inspections