

December 11, 2002

Mr. William Kanda  
Vice President - Nuclear  
FirstEnergy Nuclear Operating Company  
P. O. Box 97, A200  
Perry, OH 44081

**SUBJECT: PERRY NUCLEAR POWER PLANT - NOTIFICATION OF NRC BIENNIAL  
EVALUATION OF CHANGES, TESTS, OR EXPERIMENTS AND PERMANENT  
PLANT MODIFICATION BASELINE INSPECTIONS**

Dear Mr. Kanda:

On February 10, 2003, the NRC will begin biennial evaluation of changes, tests, or experiments and permanent plant modification baseline inspections at the Perry Nuclear Power Plant. These on-site inspections will be performed February 10-14, 2003, in accordance with the NRC baseline Inspection Procedures 71111.02 and 71111.17.

Experience has shown that these baseline inspections are resource intensive both for the NRC inspectors and your staff. In order to minimize the inspection impact on the site and to ensure a productive inspection for both sides, we have enclosed a request for documents needed for the inspection. These documents have been divided into three groups. The first group, lists information necessary to aid the inspection team in choosing specific focus areas for the inspection. It is requested that this information be provided to the lead inspector via mail or electronically no later than January 27, 2003. The second group lists information necessary to ensure that the inspection team is adequately prepared, and includes information which the team will need ready access to during the inspection. The third group lists information necessary to aid the inspection team in tracking issues identified as a result of the inspection. It is requested that this information be provided to the lead inspector as the information is generated during the inspection. It is important that all of these documents are up to date and complete in order to minimize the number of additional documents requested during the preparation and/or the onsite portions of the inspection.

The lead inspector for this inspection is Melvin Holmberg. We understand that our regulatory contact for this inspection is Ken Russell of your organization. If there are any questions about the inspection or the material requested, please contact the lead inspector at (630) 829-9748 or via e-mail at [msh@nrc.gov](mailto:msh@nrc.gov).

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be 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).

Sincerely,

*/RA/*

David Hills, Chief  
Mechanical Engineering Branch  
Division of Reactor Safety

Docket No. 50-440;  
License No. NPF-058

Enclosure:    MODIFICATION AND 50.59 INSPECTION  
                  DOCUMENT REQUEST

cc w/encl:    B. Saunders, President - FENOC  
                  K. Ostrowski, Director, Nuclear  
                  Maintenance Department  
                  G. Dunn, Manager, Regulatory Affairs  
                  B. Coad, Director, Nuclear  
                  Services Department  
                  T. Lentz, Director, Nuclear  
                  Engineering Department  
                  T. Rausch, General Manager,  
                  Nuclear Power Plant Department  
                  Public Utilities Commission of Ohio  
                  Ohio State Liaison Officer  
                  R. Owen, Ohio Department of Health

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DATE	12/10/02	12/11/02	12/11/02		

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## MODIFICATION AND 50.59 INSPECTION DOCUMENT REQUEST

**Report Number:** 50-440/2003-002

**Inspection Dates:** February 10 - 14, 2003

**Inspection Procedures:** IP 71111-02, "Changes, Tests, or Experiments"  
IP 71111-17, "Permanent Plant Modifications"

**Lead Inspector:** Lead Inspector: Melvin Holmberg (630 829-9748)  
Team Members: Robert Daily, Martin Farber, Robert Winter

### ***I. Information Requested for the In-Office Preparation Week***

The following information is requested by January 27, 2003, or sooner, to facilitate the selection of specific items that will be reviewed during the onsite inspection week. The team will select specific items from the information requested below and submit a list to your staff by February 7, 2003. We request that the specific items selected from the lists be available and ready for review on the first day of inspection. If you have any questions regarding this information, please call the team leader as soon as possible. All requested information should cover the time frame from the last evaluation of changes, tests, or experiments and permanent plant modification baseline inspections (June 2000) to the present. All information should be sent **electronically** if at all possible (to msh@nrc.gov).

#### **A. Permanent Plant Modifications**

1. List of permanent plant modifications/design changes with a brief (one paragraph) description of each modification (e.g., copy of modification description from the design change or safety evaluation).
  - a. List of supporting calculations for each modification/design change, with a title and revision number for the supporting calculations.
2. List of set point changes. (Identify system and instrument)
3. List of equivalency evaluations/suitability analysis.
4. List of commercial grade dedications.
5. List of condition reports (open or closed) issued to address permanent plant modification issues/concerns/process.
6. Copy of procedures for the following: modifications, design changes, set point changes, equivalency evaluations/suitability analysis, commercial grade dedications, calculations, and post modification testing.

### **B. Changes, Tests, or Experiments (10 CFR 50.59)**

1. List of all 10 CFR 50.59 completed evaluations involving: (A) changes to facility (modifications); (B) procedure revisions; (C) tests or non-routine operating configurations; (D) changes to the USFAR; (E) calculation.
2. List of all 10 CFR 50.59 screenings that have been screened out as not requiring a full evaluation involving: (A) changes to facility (modifications); (B) procedure revisions; (C) tests or non-routine operating configurations; (D) changes to the USFAR; (E) calculations.
3. List of condition reports (open or closed) issued to address problems associated with 10 CFR 50.59 evaluations/screenings/process.
4. Copies of procedures that specify how 10 CFR 50.59 evaluations and screenings are performed.
5. Copies of procedures that delineate how 10 CFR 50.59 FSAR updates are prepared by engineers or staff and how the licensee submits 10 CFR 50.59 FSAR updates.
6. List of special tests or experiments and non-routine operating configurations in the last two years (if any).

### **C. General Information**

1. Latest Engineering Organization Chart
2. Site Phone List
3. System Engineering List
4. List of maintenance rule high safety significant systems.
5. Nuclear Energy Institute (NEI) 96-07 "Guidelines of 50.59 Evaluations."

## **II Information Requested to be Available on First Day of Inspection**

A. We request copies of the team's selected sample of permanent plant modifications and design changes, set point changes, equivalency evaluations, suitability analyses, calculations, and commercial grade dedications (list of selected items will be provided to the licensee during the week of February 3).

B. Provide copies of audits, self-assessments and outside organization audits conducted in the areas of permanent plant modifications and 50.59 evaluations and screenings. Also include corrective action documentation/status of identified findings. (last 2 years).

C. Copies of any self-assessments and associated corrective action records generated in preparation for the inspection.

D. We request that the following information be readily available to the inspectors once they arrive onsite. (Copies of the UFSAR, IPE/PRA, vendor manuals, or Technical Specifications, do not need to be solely available to the team as long as the inspectors have ready access to them.)

- The latest 10 CFR 50.59 FSAR update submittal
- Updated Final Safety Analysis Report
- Technical Specifications
- IPE/PRA report
- Vendor manuals
- Equipment qualification binders
- Relevant calculations and analyses (for selected modifications and 50.59s)

***III. Information requested to be provided throughout the inspection***

During the inspection, we also request:

- Copies of any corrective action documents generated as a result of the team's questions or queries.
- Copies of the list of team questions and the status/resolution of the information requested (typically provide daily during the inspection to the team leader).