Mr. Peter P. Sena, III  
Site Vice President  
FirstEnergy Nuclear Operating Company  
Beaver Valley Power Station  
Mail Stop A-BV-SEB1  
P. O. Box 4  
Shippingport, PA 15077-0004

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - BEAVER VALLEY UNITS 1 AND 2

Dear Mr. Sena:

On August 11, 2009, the NRC staff completed its performance review of the Beaver Valley Units 1 and 2. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from July 1, 2008 through June 30, 2009. 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 Information” will include the security cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter of 2009 at Beaver Valley Units 1 and 2 was within the Licensee Response column of the NRC’s Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through December 31, 2010. 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. The inspections in 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

As you may know, the NRC is currently evaluating the scope and frequency of all the baseline inspection procedures as part of our biennial review of the ROP. If the results of the evaluation, or any other circumstances, cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 610-337-5200 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Ronald R. Bellamy, Ph.D., Chief
Division of Reactor Projects
Projects Branch 6

Docket Nos.: 50-334, 50-412
License Nos: DPR-66, NPF-73

Enclosure: Beaver Valley Units 1 and 2 Inspection/ Activity Plan

cc w/encl:
J. Hagan, President and Chief Nuclear Officer
J. Lash, Senior Vice President of Operations and Chief Operating Officer
D. Pace, Senior Vice President, Fleet Engineering
K. Fili, Vice President, Fleet Oversight
P. Harden, Vice President, Nuclear Support
G. Halnon, Director, Fleet Regulatory Affairs
Manager, Fleet Licensing Company
R. Lieb, Director, Site Operations
D. Murray, Director, Maintenance
M. Manoleras, Director, Engineering
R. Brosi, Director, Site Performance Improvement
C. Keller, Manager, Site Regulatory Compliance
D. Jenkins, Attorney, FirstEnergy Corporation
M. Clancy, Mayor, Shippingport, PA
D. Allard, Director, PADEP
C. O’Clare, State Liaison Officer, State of Ohio
Z. Clayton, EPA-DERR, State of Ohio
Director, Utilities Department, Public Utilities Commission, State of Ohio
R. Curtis, Director, Radiological Toxics and Indoor Air Program, State of West Virginia
J. Lewis, Commissioner, Division of Labor, State of West Virginia
W. Hill, Beaver County Emergency Management Agency
J. Johnsrud, National Energy Committee, Sierra Club
This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.
# Inspection / Activity Plan

## Beaver Valley

**Inspection / Activity Plan**

**07/01/2009 - 12/31/2010**

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<tr>
<th>Unit Number</th>
<th>Inspection Activity</th>
<th>Title</th>
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<th>Start</th>
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