

March 1, 2002

Mr. L. W. Myers
Senior Vice President
Post Office Box 4
Beaver Valley Power Station
FirstEnergy Nuclear Operating Company
Shippingport, Pennsylvania 15077

SUBJECT: ANNUAL ASSESSMENT LETTER - BEAVER VALLEY POWER STATION, UNITS
1 AND 2 (REPORT 50-334/02-01, 50-412/02-01)

Dear Mr. Myers:

On January 29, 2002, the NRC staff completed its end-of-cycle plant performance assessment of Beaver Valley Power Station, Units 1 and 2 (Beaver Valley). The end-of-cycle review for Beaver Valley involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from April 1 through December 31, 2001. 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 so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities.

As discussed in our previous annual assessment letter dated May 30, 2001, this inspection and assessment cycle consisted of three quarters (i.e., the second, third, and fourth calendar quarters of calendar year 2001) instead of the usual four quarters. This change was implemented in order to align the inspection and assessment cycle with the calendar year beginning on January 1, 2002.

Overall, Beaver Valley operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as the first two quarters of the assessment cycle, 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 only baseline inspections at your facility through March 31, 2003.

The enclosed inspection plan details the inspections scheduled through March 31, 2003. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The schedule for the last six months of the inspection plan is tentative and may be revised at the Mid-Cycle Review meeting.

Immediately following the terrorist attacks on the World Trade Center and the Pentagon, the NRC issued safeguards advisories recommending that nuclear power plant licensees go to the highest level of security, and all promptly did so. With continued uncertainty about the possibility of additional terrorist activities, the Nation's nuclear power plants, including Beaver Valley, remain at a high level of security. On February 25, 2002, the NRC issued an Order to all nuclear power plant licensees, requiring them to take certain additional interim compensatory measures to address the generalized high-level threat environment. These additional compensatory requirements will provide the NRC with reasonable assurance that public health and safety and the common defense and security continue to be adequately protected in the current generalized high-level threat environment. These requirements will remain in effect pending notification from the Commission that a significant change in the threat environment occurs, or until the Commission determines that other changes are needed following a more comprehensive re-evaluation of current safeguards and security programs. To date, we have monitored Beaver Valley's actions in response to the terrorist attacks through a series of audits. With the issuance of the Order, we will evaluate Beaver Valley's compliance with these interim requirements.

In accordance with 10 CFR 2.790 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/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (610) 337-5146 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA Curtis J. Cowgill for/

John Rogge, Chief
Projects Branch 7
Division of Reactor Projects, Region I

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

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

Mr. L. W. Myers

3

cc w/encl: L. W. Pearce, Plant General Manager
R. Fast, Director, Plant Maintenance
F. von Ahn, Director, Plant Engineering
R. Donnellon, Director, Projects and Scheduling
M. Pearson, Director, Nuclear Services
L. Freeland, Manager, Nuclear Regulatory Affairs & Corrective Actions
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Commonwealth of Pennsylvania
State of Ohio
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Mr. L. W. Myers

4

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|---------------|------------------|-------------------|--|--|--|--|--|--|--|
| OFFICE | RI : DRP | RI : DRP | | | | | | | |
| NAME | Perry/NSP | Rogge/CJC1 | | | | | | | |
| DATE | 02/28/02 | 03/01/02 | | | | | | | |

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Beaver Valley
Inspection / Activity Plan
12/30/2001 - 03/31/2003

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates | | Inspection Type |
|-------------|---------------------|--|----------------------|---------------|------------|----------------------|
| | | | | Start | End | |
| | 7111108 | - INSERVICE INSPECTION | 2 | | | |
| 2 | IP 2515/145 | Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles (NRC Bulletin : | | 02/10/2002 | 02/14/2002 | Safety Issues |
| 2 | IP 7111108 | Inservice Inspection Activities | | 02/10/2002 | 02/14/2002 | Baseline Inspections |
| | 71121 | - OCC RAD SAFETY | 1 | | | |
| 1, 2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 02/11/2002 | 02/15/2002 | Baseline Inspections |
| 1, 2 | IP 7112102 | ALARA Planning and Controls | | 02/11/2002 | 02/15/2002 | Baseline Inspections |
| 1, 2 | IP 7112103 | Radiation Monitoring Instrumentation | | 02/11/2002 | 02/15/2002 | Baseline Inspections |
| 1, 2 | IP 71151 | Performance Indicator Verification | | 02/11/2002 | 02/15/2002 | Baseline Inspections |
| | 7112203 | - PUB RAD SAFETY - REMP | 1 | | | |
| 1, 2 | IP 7112203 | Radiological Environmental Monitoring Program | | 04/08/2002 | 04/12/2002 | Baseline Inspections |
| | 71121 | - OCC RAD SAFETY | 1 | | | |
| 1, 2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 05/20/2002 | 05/24/2002 | Baseline Inspections |
| 1, 2 | IP 7112102 | ALARA Planning and Controls | | 05/20/2002 | 05/24/2002 | Baseline Inspections |
| 1, 2 | IP 7112103 | Radiation Monitoring Instrumentation | | 05/20/2002 | 05/24/2002 | Baseline Inspections |
| 1, 2 | IP 71151 | Performance Indicator Verification | | 05/20/2002 | 05/24/2002 | Baseline Inspections |
| | 71130 | - SECURITY | 1 | | | |
| 1, 2 | IP 7113001 | Access Authorization Program (Behavior Observation Only) | | 06/16/2002 | 06/20/2002 | Baseline Inspections |
| 1, 2 | IP 7113002 | Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizator | | 06/16/2002 | 06/20/2002 | Baseline Inspections |
| | 7111401 | - EP EXERCISE & EP PI VERIFICATION | 5 | | | |
| 1, 2 | IP 7111401 | Exercise Evaluation | | 06/17/2002 | 06/21/2002 | Baseline Inspections |
| 1, 2 | IP 71151 | Performance Indicator Verification | | 06/17/2002 | 06/21/2002 | Baseline Inspections |
| | 7111112B | - MAINTENANCE RULE | 1 | | | |
| 1, 2 | IP 7111112B | Maintenance Rule Implementation | | 07/08/2002 | 07/12/2002 | Baseline Inspections |
| | 7112202 | - PUB RAD SAFETY - RADWASTE | 1 | | | |
| 1, 2 | IP 7112202 | Radioactive Material Processing and Transportation | | 07/08/2002 | 07/12/2002 | Baseline Inspections |
| | 7111121 | - SSDI | 6 | | | |
| 1, 2 | IP 7111121 | Safety System Design and Performance Capability | | 08/12/2002 | 08/16/2002 | Baseline Inspections |
| 1, 2 | IP 7111121 | Safety System Design and Performance Capability | | 08/26/2002 | 08/30/2002 | Baseline Inspections |
| | 71121 | - OCC RAD SAFETY | 1 | | | |
| 1, 2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 08/19/2002 | 08/23/2002 | Baseline Inspections |
| 1, 2 | IP 7112102 | ALARA Planning and Controls | | 08/19/2002 | 08/23/2002 | Baseline Inspections |
| 1, 2 | IP 7112103 | Radiation Monitoring Instrumentation | | 08/19/2002 | 08/23/2002 | Baseline Inspections |
| 1, 2 | IP 71151 | Performance Indicator Verification | | 08/19/2002 | 08/23/2002 | Baseline Inspections |

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

Beaver Valley
Inspection / Activity Plan
12/30/2001 - 03/31/2003

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates | | Inspection Type |
|----------------|---|--|-------------------------|---------------|------------|----------------------|
| | | | | Start | End | |
| | 9/30+EXM - U1 OPERATOR INITIAL LICENSING EXAMS | | 3 | | | |
| 1 | U01438 | BEAVER VALLEY 1 O/L INITIAL EXAMS 9/30-10/11/2002 | | 09/02/2002 | 09/06/2002 | Not Applicable |
| 1 | U01438 | BEAVER VALLEY 1 O/L INITIAL EXAMS 9/30-10/11/2002 | | 09/30/2002 | 10/11/2002 | Not Applicable |
| | 71121 - OCC RAD SAFETY | | 1 | | | |
| 1, 2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 09/30/2002 | 10/04/2002 | Baseline Inspections |
| 1, 2 | IP 7112102 | ALARA Planning and Controls | | 09/30/2002 | 10/04/2002 | Baseline Inspections |
| 1, 2 | IP 7112103 | Radiation Monitoring Instrumentation | | 09/30/2002 | 10/04/2002 | Baseline Inspections |
| 1, 2 | IP 71151 | Performance Indicator Verification | | 09/30/2002 | 10/04/2002 | Baseline Inspections |
| | 7111111B - L.O.REQUALIFICATION PROGRAM | | 2 | | | |
| 1, 2 | IP 7111111B | Licensed Operator Requalification | | 10/28/2002 | 11/01/2002 | Baseline Inspections |
| | 12/16EXM - U2 OPERATOR LICENSING INITIAL EXAMS | | 3 | | | |
| 2 | U01439 | BEAVER VALLEY 2 O/L INITIAL EXAMS 5/13-22/2002 | | 11/18/2002 | 11/22/2002 | Not Applicable |
| 2 | U01439 | BEAVER VALLEY 2 O/L INITIAL EXAMS 5/13-22/2002 | | 12/16/2002 | 12/20/2002 | Not Applicable |
| | 71130 - SECURITY | | 2 | | | |
| 1, 2 | IP 7113001 | Access Authorization Program (Behavior Observation Only) | | 01/21/2003 | 01/24/2003 | Baseline Inspections |
| 1, 2 | IP 7113002 | Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizator | | 01/21/2003 | 01/24/2003 | Baseline Inspections |
| | 71121 - OCC RAD SAFETY | | 1 | | | |
| 1, 2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 02/24/2003 | 02/28/2003 | Baseline Inspections |
| 1, 2 | IP 7112102 | ALARA Planning and Controls | | 02/24/2003 | 02/28/2003 | Baseline Inspections |
| 1, 2 | IP 7112103 | Radiation Monitoring Instrumentation | | 02/24/2003 | 02/28/2003 | Baseline Inspections |
| 1, 2 | IP 71151 | Performance Indicator Verification | | 02/24/2003 | 02/28/2003 | Baseline Inspections |