

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

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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  
M. Clancy, Mayor, Shippingport, PA  
Commonwealth of Pennsylvania  
State of Ohio  
State of West Virginia

Mr. L. W. Myers

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<b>NAME</b>	<b>Perry/NSP</b>	<b>Rogge/CJC1</b>							
<b>DATE</b>	<b>02/28/02</b>	<b>03/01/02</b>							

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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	
	<b>7111108</b>	<b>- INSERVICE INSPECTION</b>	<b>2</b>			
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
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
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
	<b>7112203</b>	<b>- PUB RAD SAFETY - REMP</b>	<b>1</b>			
1, 2	IP 7112203	Radiological Environmental Monitoring Program		04/08/2002	04/12/2002	Baseline Inspections
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
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
	<b>71130</b>	<b>- SECURITY</b>	<b>1</b>			
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
	<b>7111401</b>	<b>- EP EXERCISE &amp; EP PI VERIFICATION</b>	<b>5</b>			
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
	<b>7111112B</b>	<b>- MAINTENANCE RULE</b>	<b>1</b>			
1, 2	IP 7111112B	Maintenance Rule Implementation		07/08/2002	07/12/2002	Baseline Inspections
	<b>7112202</b>	<b>- PUB RAD SAFETY - RADWASTE</b>	<b>1</b>			
1, 2	IP 7112202	Radioactive Material Processing and Transportation		07/08/2002	07/12/2002	Baseline Inspections
	<b>7111121</b>	<b>- SSDI</b>	<b>6</b>			
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
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
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	
	<b>9/30+EXM</b>	<b>- U1 OPERATOR INITIAL LICENSING EXAMS</b>	<b>3</b>			
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
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
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
	<b>7111111B</b>	<b>- L.O.REQUALIFICATION PROGRAM</b>	<b>2</b>			
1, 2	IP 7111111B	Licensed Operator Requalification		10/28/2002	11/01/2002	Baseline Inspections
	<b>12/16EXM</b>	<b>- U2 OPERATOR LICENSING INITIAL EXAMS</b>	<b>3</b>			
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
	<b>71130</b>	<b>- SECURITY</b>	<b>2</b>			
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
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
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