

May 30, 2001

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

Dear Mr. Myers:

On May 8, 2001, the NRC staff completed its end-of-cycle plant performance assessment of Beaver Valley Power Station. The end-of-cycle review for Beaver Valley Power Station involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period April 1, 2000, to March 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 which may conflict with your plant activities. On July 11, 2001, at 2:00 p.m. we plan to discuss this assessment with you and your staff in a meeting at the Beaver Valley site Emergency Response Facility, conference room A. The meeting will be open for public observation.

Overall, Beaver Valley Power Station operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter 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 May 31, 2002.

While plant performance for this assessment cycle was within the licensee response column of the Action Matrix, three safety significant inspection findings associated with the Unit 1 River Water and Unit 2 Service Water systems had been identified shortly before the cycle began. Supplemental NRC inspections during this cycle confirmed that you have reasonably evaluated and corrected the issues. However, these issues reflected a legacy of longstanding degraded material conditions and latent design deficiencies. We note that your recent initiative, the Latent Issues Review Project, is reviewing systems for additional legacy issues which may pose challenges to safe reliable plant operation. Initial system reviews conducted under this initiative have identified issues and recommended corrective actions to further enhance safe operation and reliability. We consider that our baseline inspection program activities will be sufficient for us to assess your progress in this area.

Mr. L. W. Myers  
Beaver Valley

2

The enclosure details the scheduled inspections that will occur through May 31, 2002. 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.

For your information, the NRC is in the process of aligning the inspection and assessment cycle with the calendar year. In order to transition to a calendar year cycle (January 1 - December 31), the next inspection and assessment cycle will consist of only three quarters (i.e. the second, third and fourth calendar quarters of CY 2001). As a result, a quarterly review will be conducted for the third calendar quarter (July 1 - September 30) in lieu of a mid-cycle review. The impact on the inspection plan, which is included as an enclosure, is minimal.

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). Our assessment process and terminology are further described in the NRC Reactor Oversight Process Web site at <http://www.nrc.gov/NRR/OVERSIGHT/index.html>

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/*

John F. Rogge, Chief  
Projects Branch 7  
Division of Reactor Projects

Docket Nos.: 05000334; 05000412  
License Nos: DPR-66, NPF-73

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

Mr. L. W. Myers  
Beaver Valley

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, Plant Services  
T. Cosgrove, Manager, Licensing  
J. A. Hultz, Manager, Projects and Support Services, FirstEnergy  
M. Clancy, Mayor, Shippingport, PA  
Commonwealth of Pennsylvania  
State of Ohio  
State of West Virginia  
R. Calvin, Regional Director, FEMA Region III  
R. Chiodo, Director Emergency Services  
M. Clancy, EMA Coordinator  
J. Jones, HCOES Director  
J. Carter, CCEMA Director

Mr. L. W. Myers  
Beaver Valley

4

Distribution w/encl:

Region I Docket Room (with concurrences)

D. Kern, DRP - NRC Resident Inspector

H. Miller, RA

J. Wiggins, DRA

J. Rogge, DRP

N. Perry, DRP

T. Haverkamp, DRP

DRS Director, Region I

P. Kaufman, DRS

J. McFadden, DRS

G. Smith, DRS

D. Silk, DRS

B. Platchek, DRP

V. Ordaz, NRR (RidsNrrDipmRss)

D. Barss, NRR

P. Hiland, OEDO

E. Adensam, NRR

L. Burkhart, PM, NRR

R. Schaff, Backup PM, NRR

P. Milano, Alt PM, NRR

R. Pascarelli, NRR

DOCUMENT NAME: G:\BRANCH7\ROP1 End of Cycle\BVletter.wpd

After declaring this document "An Official Agency Record" it **will** be released to the Public.

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	RI/DRP		RI/DRP		RI/DRP				
NAME	NPerry /NSP/		JRogge /JFR/		RCrlenjak /RVC/				
DATE	5/30/01		5/30/01		5/30/01		05/ /01		05/ /01

OFFICIAL RECORD COPY

**Beaver Valley**  
**Inspection / Activity Plan**  
**06/01/2001 - 05/31/2002**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>5/28EXAM - INIT. OP. LIC. EXAM</b>		<b>4</b>			
2	U01423	BEAVER VALLEY 2 O/L INITIAL EXAM 3/26-9/30/2001		05/29/2001	06/02/2001	Not Applicable
	<b>8/6EXAM - INIT OP LIC EXAM</b>		<b>4</b>			
1	U01424	BEAVER VALLEY 1 O/L INITIAL EXAM 4/16-12/31/2001		07/30/2001	08/03/2001	Not Applicable
1	U01424	BEAVER VALLEY 1 O/L INITIAL EXAM 4/16-12/31/2001		08/06/2001	08/10/2001	Not Applicable
	<b>7111105T - FIRE PROTECTION - UNIT 1</b>		<b>4</b>			
1	IP 7111105T	Fire Protection		06/04/2001	06/08/2001	Baseline Inspections
	<b>71121 - OCC RAD SAFETY</b>		<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		06/11/2001	06/15/2001	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		06/11/2001	06/15/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		06/11/2001	06/15/2001	Baseline Inspections
	<b>71152 - PROBLEM IDENTIFICATION &amp; RESOLUTION</b>		<b>3</b>			
1, 2	IP 71152	Identification and Resolution of Problems		07/09/2001	07/13/2001	Baseline Inspections
1, 2	IP 71152	Identification and Resolution of Problems		07/23/2001	07/27/2001	Baseline Inspections
	<b>71114 - EP PRGM REVIEW &amp; PI</b>		<b>1</b>			
1, 2	IP 7111402	Alert and Notification System Testing		08/13/2001	08/17/2001	Baseline Inspections
1, 2	IP 7111403	Emergency Response Organization Augmentation Testing		08/13/2001	08/17/2001	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		08/13/2001	08/17/2001	Baseline Inspections
1, 2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		08/13/2001	08/17/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		08/13/2001	08/17/2001	Baseline Inspections
	<b>71121 - OCC RAD SAFETY</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		09/10/2001	09/14/2001	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		09/10/2001	09/14/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		09/10/2001	09/14/2001	Baseline Inspections
	<b>7111108 - INSERVICE INSPECTION</b>		<b>1</b>			
2	IP 7111108	Inservice Inspection Activities		09/17/2001	09/21/2001	Baseline Inspections
	<b>71130 - SECURITY</b>		<b>1</b>			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		09/24/2001	09/28/2001	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizatio		09/24/2001	09/28/2001	Baseline Inspections
	<b>7111117B - MODS</b>		<b>3</b>			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		12/10/2001	12/14/2001	Baseline Inspections
1, 2	IP 7111117B	Permanent Plant Modifications		12/10/2001	12/14/2001	Baseline Inspections
	<b>71121 - OCC RAD SAFETY - CALIBRATION</b>		<b>1</b>			
1, 2	IP 7112103	Radiation Monitoring Instrumentation		12/17/2001	12/21/2001	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**  
**06/01/2001 - 05/31/2002**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>7111108</b>	<b>- INSERVICE INSPECTION</b>	<b>1</b>			
1	IP 7111108	Inservice Inspection Activities		03/04/2002	03/08/2002	Baseline Inspections
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		02/25/2002	03/01/2002	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		02/25/2002	03/01/2002	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation		02/25/2002	03/01/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		02/25/2002	03/01/2002	Baseline Inspections
	<b>4/15 EXM</b>	<b>- BV1 INITIAL EXAMS</b>	<b>3</b>			
1	U01438	BEAVER VALLEY 1 O/L INITIAL EXAMS 4/15-24/2002		03/18/2002	03/22/2002	Not Applicable
1	U01424	BEAVER VALLEY 1 O/L INITIAL EXAM 4/16-12/31/2001		04/15/2002	04/26/2002	Not Applicable
	<b>7112203</b>	<b>- PUB RAD SAFETY - REMP</b>	<b>1</b>			
1, 2	IP 7112203	Radiological Environmental Monitoring Program		03/18/2002	03/22/2002	Baseline Inspections
	<b>5/13 EXM</b>	<b>- BV2 INITIAL EXAMS</b>	<b>3</b>			
2	U01439	BEAVER VALLEY 2 O/L INITIAL EXAMS 5/13-22/2002		04/01/2002	04/05/2002	Not Applicable
2	U01439	BEAVER VALLEY 2 O/L INITIAL EXAMS 5/13-22/2002		05/13/2002	05/24/2002	Not Applicable
	<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