

November 29, 2000

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

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

Dear Mr. Myers:

On November 7, 2000, the NRC staff completed its Mid-Cycle plant performance assessment of Beaver Valley Power Station, Units 1 and 2. The Mid-Cycle Review for Beaver Valley Power Station, Units 1 and 2 involved the participation of the responsible technical divisions in Region I in evaluating performance indicators (PIs) and inspection results for the period of April 2, 2000, through September 30, 2000. 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.

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). We plan to conduct baseline inspections at your facility through September 30, 2001. In addition, we have scheduled a supplemental inspection to review the effectiveness of your corrective actions for the river water seal water design and testing issues, discussed in our May 3, 2000, letter to you. These issues were identified prior to initial implementation of the revised reactor oversight process and were considered risk significant because the potential existed for common mode failure of the river water pumps during periods of high silt conditions in the river, or failure of the pumps due to mechanical binding during colder weather.

Enclosure 1 details the scheduled inspections that will occur through September 30, 2001. 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 last six months of the inspection plans are tentative and may be revised at the end-of-cycle review meeting.

Mr. L. W. Myers  
Beaver Valley

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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

cc w/encl:

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Mr. L. W. Myers  
Beaver Valley

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**Beaver Valley**  
**Inspection / Activity Plan**  
**12/03/2000 - 09/29/2001**

ENCLOSURE

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>7111121 - SAFETY SYSTEM DESIGN INSPECTION</b>		<b>12</b>			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		12/11/2000	12/15/2000	Baseline Inspections
1, 2	IP 7111121	Safety System Design and Performance Capability		12/11/2000	12/15/2000	Baseline Inspections
	<b>71121 - OCCUPATIONAL RAD SAFETY</b>		<b>1</b>			
1, 2	IP 7112103	Radiation Monitoring Instrumentation		12/11/2000	12/15/2000	Baseline Inspections
2	IP 71151	Performance Indicator Verification		12/11/2000	12/15/2000	Baseline Inspections
	<b>95001 - SUPPLEMENTAL - U1 RW DESIGN AND TEST</b>		<b>1</b>			
1	IP 95001	Supplemental Inspection For One Or Two White Inputs In A Strategic Performance Area		01/21/2001	01/27/2001	Supplemental Program
	<b>3/26EXAM - INIT. OP. LIC. EXAM</b>		<b>3</b>			
2	U01228	BEAVER VALLEY 2 INITIAL EXAM		02/26/2001	03/02/2001	Not Applicable
2	U01228	BEAVER VALLEY 2 INITIAL EXAM		03/26/2001	03/30/2001	Not Applicable
	<b>71121 - OCCUPATIONAL RAD SAFETY</b>		<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		02/26/2001	03/02/2001	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		02/26/2001	03/02/2001	Baseline Inspections
2	IP 71151	Performance Indicator Verification		02/26/2001	03/02/2001	Baseline Inspections
	<b>4/16EXAM - INIT OP LIC EXAM</b>		<b>3</b>			
1	U01226	BEAVER VALLEY 1 INITIAL EXAM		03/12/2001	03/16/2001	Not Applicable
	<b>71130 - SECURITY - RESPONSE</b>		<b>1</b>			
1, 2	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Strategy)		03/26/2001	03/30/2001	Baseline Inspections
	<b>7111107B - HEAT SINK</b>		<b>1</b>			
1, 2	IP 7111107B	Heat Sink Performance		04/16/2001	04/20/2001	Baseline Inspections
	<b>4/16EXAM - INIT OP LIC EXAM</b>		<b>4</b>			
1	U01226	BEAVER VALLEY 1 INITIAL EXAM		04/16/2001	04/20/2001	Not Applicable
	<b>7111105T - FIRE PROTECTION - UNIT 1</b>		<b>5</b>			
1	IP 7111105T	Fire Protection		04/30/2001	05/04/2001	Baseline Inspections
1	IP 7111105T	Fire Protection		05/21/2001	05/25/2001	Baseline Inspections
1	IP 7111105T	Fire Protection		06/04/2001	06/08/2001	Baseline Inspections
	<b>7112201 - RETS</b>		<b>1</b>			
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		05/21/2001	05/25/2001	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>4</b>			
1, 2	IP 71152	Identification and Resolution of Problems		07/09/2001	07/13/2001	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**  
**12/03/2000 - 09/29/2001**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
<b>71152 - PROBLEM IDENTIFICATION &amp; RESOLUTION</b>			<b>4</b>			
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		07/16/2001	07/20/2001	Baseline Inspections
1, 2	IP 7111403	Emergency Response Organization Augmentation Testing		07/16/2001	07/20/2001	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/16/2001	07/20/2001	Baseline Inspections
1, 2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/16/2001	07/20/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		07/16/2001	07/20/2001	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