

March 2, 2004

Mr. L. William Pearce  
Site Vice President  
FirstEnergy Nuclear Operating Company  
Post Office Box 4  
Shippingport, Pennsylvania 15077

SUBJECT: ANNUAL ASSESSMENT LETTER - BEAVER VALLEY POWER STATION  
(REPORT 05000334/2004001 AND 050000412/2004001)

Dear Mr. Pearce:

On February 5, 2004, the NRC staff completed its end-of-cycle plant performance assessment of the Beaver Valley Power Station. The end-of-cycle review involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1, 2003 through December 31, 2003. 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.

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 was within the Regulatory Response Column of the NRC's Action Matrix, based on an inspection finding in the second quarter of 2003 in the Emergency Preparedness area being classified as having low to moderate safety significance (White) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Since the supplemental inspection for this White finding was successfully completed in November 2003, we plan to conduct only baseline inspections at your facility through September 30, 2005.

The enclosed inspection plan details the inspections scheduled through September 30, 2005. 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 inspections in the last twelve months of the inspection plan are tentative and may be revised at the mid-cycle review meeting.

As you are aware, the NRC has issued several Orders and threat advisories to enhance security capabilities and improve guard force readiness since the terrorist attacks on September 11, 2001. We have conducted inspections to review your implementation of these requirements and have monitored your actions in response to changing threat conditions. For calendar year 2004, we

Mr. L. William Pearce

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plan to continue inspections of order implementation combined with newly developed portions of the security baseline inspection program.

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/reading-rm/adams.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 Mr. Peter Eselgroth of my staff at (610) 337-5234 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

A. Randolph Blough, Director  
Division of Reactor Projects, Region I

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

Enclosure: Beaver Valley Inspection/Activity Plan

Mr. L. William Pearce

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cc w/encl:

J. Lash, Plant General Manager

V. Kaminskis, Director, Nuclear Maintenance

R. Mende, Director, Nuclear Work Management

T. Cosgrove, Director, Nuclear Engineering/Projects

L. Freeland, Manager, Nuclear Regulatory Affairs & Corrective Actions

M. Clancy, Mayor, Shippingport, PA

R. Janati, Chief, Division of Nuclear Safety

C. O'Claire, State Liaison to the NRC, State of Ohio

D. Hill, Chief Radiological Health Program, State of West Virginia

Institute of Nuclear Power Operations (INPO)

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NAME	RBarkley/ <b>RSB for</b>	PCataldo/ <b>RSB for</b>	PEselgroth/ <b>PWE</b>	ABlough/ <b>ARB</b>
DATE	02/20/04	02/20/04	02/20/04	03/02/04

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**Beaver Valley**  
**Inspection / Activity Plan**  
**01/01/2004 - 09/30/2005**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>71111.05 - TRIENNIAL FIRE PROTECTION INSPECTION</b>		<b>3</b>			
2	IP 7111105T	Fire Protection		01/12/2004	01/16/2004	Baseline Inspections
2	IP 7111105T	Fire Protection		01/26/2004	01/30/2004	Baseline Inspections
	<b>7112101 - OCC RAD SAFETY - ACCESS</b>		<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		02/23/2004	02/27/2004	Baseline Inspections
	<b>7112203 - PUB RAD SAFETY - REMP</b>		<b>1</b>			
1, 2	IP 7112203	Radiological Environmental Monitoring Program		04/12/2004	04/16/2004	Baseline Inspections
	<b>71130 - SECURITY</b>		<b>2</b>			
1, 2	IP 7113001	Access Authorization		04/19/2004	04/23/2004	Baseline Inspections
1, 2	IP 7113002	Access Control		04/19/2004	04/23/2004	Baseline Inspections
1, 2	IP 7113008	Fitness For Duty Program		04/19/2004	04/23/2004	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		04/19/2004	04/23/2004	Baseline Inspections
	<b>7112202 - PUB RAD SAFETY - RADWASTE</b>		<b>1</b>			
1, 2	IP 7112202	Radioactive Material Processing and Transportation		04/26/2004	04/30/2004	Baseline Inspections
	<b>7111401 - EXERCISE EVAL AND EP PI VERIFICATION</b>		<b>7</b>			
1, 2	IP 7111401	Exercise Evaluation		05/10/2004	05/14/2004	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		05/10/2004	05/14/2004	Baseline Inspections
	<b>7111121 - SSDI</b>		<b>7</b>			
1, 2	IP 7111121	Safety System Design and Performance Capability		05/24/2004	05/28/2004	Baseline Inspections
1, 2	IP 7111121	Safety System Design and Performance Capability		06/07/2004	06/11/2004	Baseline Inspections
	<b>7111112B - MAINTENANCE RULE</b>		<b>1</b>			
1, 2	IP 7111112B	Maintenance Effectiveness		07/12/2004	07/16/2004	Baseline Inspections
	<b>7111111B - LO REQUALIFICATION INSPECTION U1</b>		<b>3</b>			
1	IP 7111111B	Licensed Operator Requalification Program		07/26/2004	07/30/2004	Baseline Inspections
	<b>7112103 - OCC RAD SAFETY - INSTRUMENTATION</b>		<b>1</b>			
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		10/04/2004	10/08/2004	Baseline Inspections
	<b>7111108P - INSERVICE INSPECTION</b>		<b>3</b>			
1	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-02)		10/25/2004	10/29/2004	Safety Issues
1	IP 2515/152	Reactor Pressure Vessel Lower Head Penetration Nozzles (NRC Bulletin 2003-02)		10/25/2004	10/29/2004	Safety Issues
1	IP 7111108P	Inservice Inspection Activities - PWR		10/25/2004	10/29/2004	Baseline Inspections
	<b>7112102 - OCC RAD SAFETY - ALARA</b>		<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		11/01/2004	11/05/2004	Baseline Inspections
	<b>2/28+EXM - UNIT 1 OPERATOR LICENSING INITIAL EXAM</b>		<b>4</b>			
1	U01542	BEAVER VALLEY, UNIT 1 INITIAL EXAM (12/1/04)		01/16/2005	01/20/2005	Not Applicable

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

**Beaver Valley**  
**Inspection / Activity Plan**  
**01/01/2004 - 09/30/2005**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>2/28+EXM - UNIT 1 OPERATOR LICENSING INITIAL EXAM</b>		<b>4</b>			
1	U01542	BEAVER VALLEY, UNIT 1 INITIAL EXAM (12/1/04)		02/27/2005	03/11/2005	Not Applicable
	<b>2/28+EXM - UNIT2 OPERATOR LICENSING INITIAL EXAMS</b>		<b>4</b>			
2	U01534	BEAVER VALLEY, UNIT 2 INITIAL EXAM (12/1/04)		01/17/2005	01/21/2005	Not Applicable
2	U01534	BEAVER VALLEY, UNIT 2 INITIAL EXAM (12/1/04)		02/28/2005	03/11/2005	Not Applicable
	<b>71114 - EP PROGRAM AND EP PI INSPECTION</b>		<b>1</b>			
1, 2	IP 7111402	Alert and Notification System Testing		02/07/2005	02/11/2005	Baseline Inspections
1, 2	IP 7111403	Emergency Response Organization Augmentation Testing		02/07/2005	02/11/2005	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		02/07/2005	02/11/2005	Baseline Inspections
1, 2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		02/07/2005	02/11/2005	Baseline Inspections
1, 2	IP 711151	Performance Indicator Verification		02/07/2005	02/11/2005	Baseline Inspections
	<b>7112101 - OCC RAD SAFETY - ACCESS</b>		<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		02/14/2005	02/18/2005	Baseline Inspections
	<b>7111108P - INSERVICE INSPECTION - U2</b>		<b>1</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		04/18/2005	04/22/2005	Baseline Inspections
	<b>7112102 - OCC RAD SAFETY - ALARA</b>		<b>1</b>			
2	IP 7112102	ALARA Planning and Controls		04/25/2005	04/29/2005	Baseline Inspections
	<b>7112201 - PUB RAD SAFETY - RETS</b>		<b>1</b>			
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		05/02/2005	05/06/2005	Baseline Inspections
	<b>711117B - MODS &amp; 50.59</b>		<b>1</b>			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		06/20/2005	06/24/2005	Baseline Inspections
1, 2	IP 711117B	Permanent Plant Modifications		06/20/2005	06/24/2005	Baseline Inspections
	<b>7111107B - HEAT SINK</b>		<b>1</b>			
1, 2	IP 7111107B	Heat Sink Performance		07/18/2005	07/22/2005	Baseline Inspections
	<b>71152B - PROBLEM IDENTIFICATION AND RESOLUTION</b>		<b>1</b>			
1, 2	IP 71152B	Identification and Resolution of Problems		08/08/2005	08/12/2005	Baseline Inspections
1, 2	IP 71152B	Identification and Resolution of Problems		08/22/2005	08/26/2005	Baseline Inspections
	<b>7112102 - OCC RAD SAFETY - ALARA</b>		<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		08/22/2005	08/26/2005	Baseline Inspections