



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

August 27, 2003

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

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -
BEAVER VALLEY POWER STATION**

Dear Mr. Pearce:

On July 29, 2003, the NRC staff completed its mid-cycle plant performance review of the Beaver Valley Power Station, Units 1 and 2 (Beaver Valley). The mid-cycle review for Beaver Valley involved the participation of all technical divisions in evaluating performance for the first half of the calendar year 2003 assessment cycle. The process included a review of performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. The purpose of this letter is to inform you of our assessment of your safety performance 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.

Plant performance for the most recent quarter was within the Regulatory Response Column of the NRC's Action Matrix based on one White inspection finding, having low to moderate safety significance, that affected the Emergency Preparedness cornerstone. The finding, which your staff identified, involved untimely emergency response staffing. Specifically, your organization was unable to staff twelve (12) radiation protection (RP) technician augmented positions during emergency call-out drills, as required by your Emergency Preparedness Plan (EPP), in a timely manner. The NRC concluded that there was no immediate safety concern due to the interim compensatory measures that were implemented by your staff, which included issuance of cell phones and pagers to RP technicians.

The enclosed inspection plan details the inspections scheduled through September 30, 2004. 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 six months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting. In addition to the reactor oversight program baseline inspections, the NRC intends to perform a supplemental inspection on November 3 - 7, 2003, to provide assurance that the root and contributing causes are understood, the extent of condition is identified, and the corrective actions taken are sufficient to prevent recurrence of the above-noted White inspection finding in the EP area.

Mr. William Pearce

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If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact Mr. Neil Perry of my staff at (610) 337-5225 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

A. Randolph Blough, Director
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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V. Kaminskas, Director, Nuclear Maintenance

R. Mende, Director, Nuclear Work Management

T. Cosgrove, Director, Nuclear Engineering/Projects

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Commonwealth of Pennsylvania

State of Ohio

State of West Virginia

Institute of Nuclear Power Operations (INPO)

Mr. William Pearce

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NAME	RBarkley/ RSB		NPerry/ NSP		RConte/ RSB for		ABlough/ ARB	
DATE	08/26/03		08/27/03		08/26/03		08/27/03	

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Beaver Valley
Inspection / Activity Plan
06/29/2003 - 09/30/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	71152B - PROBLEM IDENTIFICATION AND RESOLUTION		4			
1, 2	IP 71152B	Identification and Resolution of Problems		07/07/2003	07/11/2003	Baseline Inspections
1, 2	IP 71152B	Identification and Resolution of Problems		07/21/2003	07/25/2003	Baseline Inspections
	711107B - HEAT SINK		2			
1, 2	IP 711107B	Heat Sink Performance		08/25/2003	08/29/2003	Baseline Inspections
	711108 - INSERVICE INSPECTION - UNIT 2		4			
2	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-02)		09/22/2003	09/26/2003	Safety Issues
2	IP 711108P	Inservice Inspection Activities - PWR		09/22/2003	09/26/2003	Baseline Inspections
	71121 - OCC RAD SAFETY		1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		09/22/2003	09/26/2003	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		09/22/2003	09/26/2003	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/22/2003	09/26/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		09/22/2003	09/26/2003	Baseline Inspections
	71121 - OCC RAD SAFETY		1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		10/20/2003	10/24/2003	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		10/20/2003	10/24/2003	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		10/20/2003	10/24/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		10/20/2003	10/24/2003	Baseline Inspections
	711111B - L.O. REQUALIFIATION PROGRAM U2		2			
1	IP 711111B	Licensed Operator Requalification		10/26/2003	10/31/2003	Baseline Inspections
	71130 - SECURITY		2			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		11/03/2003	11/07/2003	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorization)		11/03/2003	11/07/2003	Baseline Inspections
1, 2	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Strategy)		11/03/2003	11/07/2003	Baseline Inspections
	95001 - AUGMENTATION WHITE FOLLOW UP		1			
1, 2	IP 95001	Supplemental Inspection For One Or Two White Inputs In A Strategic Performance Area		11/03/2003	11/07/2003	Supplemental Program
	INSPECT - TRIENNIAL FIRE PROTECTION INSPECTION		3			
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
	71121 - OCC RAD SAFETY		1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		01/05/2004	01/09/2004	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		01/05/2004	01/09/2004	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		01/05/2004	01/09/2004	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		01/05/2004	01/09/2004	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
06/29/2003 - 09/30/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	71121 - OCC RAD SAFETY		1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		03/08/2004	03/12/2004	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		03/08/2004	03/12/2004	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		03/08/2004	03/12/2004	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		03/08/2004	03/12/2004	Baseline Inspections
	7112203 - PUB RDA SAFETY - REMP		1			
1, 2	IP 7112203	Radiological Environmental Monitoring Program		04/12/2004	04/16/2004	Baseline Inspections
	7111401 - EXERCISE EVAL AND EP PI VERIFICATION		6			
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
	7112202 - PUB RAD SAFETY - RADWASTE		1			
1, 2	IP 7112202	Radioactive Material Processing and Transportation		05/17/2004	05/21/2004	Baseline Inspections
	7111121 - SSDI		6			
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
	71121 - OCC RAD SAFETY		1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		06/28/2004	07/02/2004	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		06/28/2004	07/02/2004	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		06/28/2004	07/02/2004	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		06/28/2004	07/02/2004	Baseline Inspections
	711112B - MAINTENANCE RULE		1			
1, 2	IP 711112B	Maintenance Effectiveness		07/12/2004	07/16/2004	Baseline Inspections
	711111B - LO REQUALIFICATION INSPECTION U1		2			
1	IP 711111B	Licensed Operator Requalification		07/26/2004	07/30/2004	Baseline Inspections
	711108P - INSERVICE INSPECTION		1			
1	IP 711108P	Inservice Inspection Activities - PWR		09/15/2004	09/19/2004	Baseline Inspections