



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

March 2, 2005

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 05000334/2005001 AND 050000412/2005001)

Dear Mr. Pearce:

On February 10, 2005, 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 the reactor technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1, 2004 through December 31, 2004. 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.

This performance review and enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in accordance with 10 CFR 2.390" will include the physical protection review and resultant inspection plan.

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 for the first three 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). We plan to conduct only baseline inspections at your facility through September 30, 2006, with the exception of additional inspection procedures to be conducted prior to and during the Unit 1 steam generator and reactor vessel head replacement outage.

The enclosed inspection plan details the inspections scheduled through September 30, 2006. 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 nine months of the inspection plan are tentative and may be revised at the mid-cycle review meeting.

In accordance with 10 CFR 2.390 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

Mr. L. William Pearce

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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 Mr. Arthur Burritt at (610) 337-5069 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Peter W. Eselgroth, Chief
Projects Branch 7
Division of Reactor Projects

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, Director, Site Operations

R. Mende, Director, Performance Improvement

T. Cosgrove, Director, Engineering

L. Freeland, Manager, Regulatory Compliance

M. Clancy, Mayor, Shippingport, PA

R. Janati, Chief, Division of Nuclear Safety, Commonwealth of Pennsylvania

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

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

R. Chiodo, Beaver County Emergency Management Agency

Distribution w/encl: **(VIA E-MAIL)**

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SISP Review Complete: RSB (Reviewer's Initials)

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OFFICE	RI/DRP	RI/DRP	RI/DRP	
NAME	PCataldo/ RSB for	RBarkley/ RSB	PEselgroth/ PWE	
DATE	2 / 24 /05	2 / 24 /05	03 /02 /05	

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Beaver Valley
Inspection / Activity Plan
03/01/2005 - 09/30/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	2/28+EXM - UNIT 1 OPERATOR LICENSING INITIAL EXAM		4			
1	U01542	BEAVER VALLEY, UNIT 1 INITIAL EXAM (12/1/04)		02/28/2005	03/11/2005	Not Applicable
	2/28+EXM - UNIT2 OPERATOR LICENSING INITIAL EXAMS		4			
2	U01534	BEAVER VALLEY, UNIT 2 INITIAL EXAM (12/1/04)		02/28/2005	03/11/2005	Not Applicable
	7111108P - INSERVICE INSPECTION - U2		2			
2	IP 2515/160	Pzr Pene Nozzles & Stm Space Piping Connections in U.S. PWRs [NRC Bulletin 2004-01]		04/04/2005	04/08/2005	Safety Issues
2	IP 7111108P	Inservice Inspection Activities - PWR		04/04/2005	04/08/2005	Baseline Inspections
	7111108P - INSERVICE INSPECTION - U2		1			
2	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-02)		04/11/2005	04/15/2005	Safety Issues
2	IP 7111108P	Inservice Inspection Activities - PWR		04/11/2005	04/15/2005	Baseline Inspections
	7112102 - OCC RAD SAFETY - ALARA		1			
2	IP 7112102	ALARA Planning and Controls		04/25/2005	04/29/2005	Baseline Inspections
	MODS - MODS & 50.59		3			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		06/20/2005	06/24/2005	Baseline Inspections
1,2	IP 7111117B	Permanent Plant Modifications		06/20/2005	06/24/2005	Baseline Inspections
	71152B - PI&R		3			
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
	7112201 - PUB RAD SAFETY - RETS		1			
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		08/22/2005	08/26/2005	Baseline Inspections
	7111111B - LO REQUAL PROG (FOCUS U2 OPTTEST)		1			
2	IP 7111111B	Licensed Operator Requalification Program		10/24/2005	10/28/2005	Baseline Inspections
	71002 - LICENSE RENEWAL - AGING MGMT		4			
1,2	IP 71002	License Renewal Inspection		11/14/2005	11/18/2005	License Renewal Ins
1,2	IP 71002	License Renewal Inspection		11/28/2005	12/02/2005	License Renewal Ins
	7111107B - HEAT SINK		1			
1,2	IP 7111107B	Heat Sink Performance		12/12/2005	12/16/2005	Baseline Inspections
	50001 - U1 SG REPLACEMENT		1			
1	IP 50001	Steam Generator Replacement Inspection		01/01/2006	04/01/2006	Other Routine
	71007 - U1 HEAD REPLACEMENT		1			
1	IP 71007	Reactor Vessel Head Replacement Inspection		01/01/2006	04/01/2006	Other Routine
	7112102 - OCC RAD SAFETY - ALARA		1			
1,2	IP 7112102	ALARA Planning and Controls		03/13/2006	03/17/2006	Baseline Inspections
	7111108P - INSERVICE INSPECTION - UNIT 1		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		04/10/2006	04/14/2006	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
03/01/2005 - 09/30/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	71111.21 - SSDI		7			
1,2	IP 7111121	Safety System Design and Performance Capability		05/22/2006	05/26/2006	Baseline Inspections
1,2	IP 7111121	Safety System Design and Performance Capability		06/05/2006	06/09/2006	Baseline Inspections
	7112202 - PUB RAD SAFETY - RADWASTE		1			
1,2	IP 7112202	Radioactive Material Processing and Transportation		06/12/2006	06/16/2006	Baseline Inspections
	7111401 - EXERCISE EVALUATION & EP PI VERIFICATION		2			
1,2	IP 7111401	Exercise Evaluation		06/26/2006	06/30/2006	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		06/26/2006	06/30/2006	Baseline Inspections
	7112101 - OCC RAD SAFETY - ACCESS		1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		08/07/2006	08/11/2006	Baseline Inspections
	7111112B - MAINTENANCE RULE		1			
1,2	IP 7111112B	Maintenance Effectiveness		09/11/2006	09/15/2006	Baseline Inspections
	7112103 - OCC RAD SAFETY - INSTRUMENTS		1			
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/25/2006	09/29/2006	Baseline Inspections