

August 30, 2005

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 August 2, 2005, the NRC staff completed its performance review of Beaver Valley Power Station Units 1 and 2 (Beaver Valley) for the first half of the calendar year 2005 assessment cycle. Our technical staff reviewed 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 during this period and our plans for future inspections at your facility.

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.

Plant performance for the most recent quarter for Beaver Valley Units 1 and 2 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 currently plan to conduct reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through March 31, 2007. The plan contains inspections of the replacement of the Unit 1 reactor vessel head and steam generators during your upcoming Unit 1 refueling outage. The inspection plan is provided 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 end-of-cycle review.

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 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).

Mr. L. 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 me at 610-337-5200 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Dr. Ronald R. Bellamy, Chief
Reactor Projects Branch 7
Division of Reactor Projects

Docket Nos. 50-334, 50-412
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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SISP Review Complete: _____ AAR _____ (Reviewer's Initials)

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NAME	Rfuhrmeister/RLF1	Rbellamy/RRB	BHolian/BEH	
DATE	8/ /2005	8/ /2005	8/ /2005	

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Beaver Valley
Inspection / Activity Plan
08/01/2005 - 03/31/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	71152B - PI&R		4			
1,2	IP 71152B	Identification and Resolution of Problems		08/15/2005	08/19/2005	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		08/29/2005	09/02/2005	Baseline Inspections
	7112201 - PUB RAD SAFETY - RETS		1			
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		08/08/2005	08/12/2005	Baseline Inspections
	7111111B - LO REQUAL PROG (U2 OPTEST)&P/F RESULTS		3			
1,2	IP 7111111B	Licensed Operator Requalification Program		10/24/2005	10/28/2005	Baseline Inspections
	71007 - U1 RX HEAD REPLACEMENT		1			
1	IP 71007	Reactor Vessel Head Replacement Inspection		11/14/2005	11/18/2005	Other Routine
	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		01/09/2006	04/28/2006	Other Routine
	7112101 - OCC RAD SAFETY - ACCESS		1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		02/27/2006	03/03/2006	Baseline Inspections
	7111108P - INSERVICE INSPECTION - UNIT 1		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		04/10/2006	04/14/2006	Baseline Inspections
	7112102 - OCC RAD SAFETY - ALARA		1			
1,2	IP 7112102	ALARA Planning and Controls		04/24/2006	04/28/2006	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
	7111121 - SSD&PC		6			
1,2	IP 7111121	Safety System Design and Performance Capability		06/12/2006	06/16/2006	Baseline Inspections
1,2	IP 7111121	Safety System Design and Performance Capability		06/26/2006	06/30/2006	Baseline Inspections
1,2	IP 7111121	Safety System Design and Performance Capability		07/10/2006	07/14/2006	Baseline Inspections
1,2	IP 7111121	Safety System Design and Performance Capability		07/17/2006	07/20/2006	Baseline Inspections
	7111401 - EXERCISE EVALUATION & EP PI VERIFICATION		5			
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
	7111111B - L.O. REQUAL PROGRAM (FOCUS U1 OPTEST)		3			
1,2	IP 7111111B	Licensed Operator Requalification Program		11/06/2006	11/10/2006	Baseline Inspections
1,2	IP 7111111B	Licensed Operator Requalification Program		11/13/2006	11/17/2006	Baseline Inspections
	7111112B - MAINTENANCE RULE		1			
1,2	IP 7111112B	Maintenance Effectiveness		09/11/2006	09/15/2006	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
08/01/2005 - 03/31/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	7112103 - OCC RAD SAFETY - INSTRUMENTS		1			
1, 2	IP 7112102	ALARA Planning and Controls		10/02/2006	10/06/2006	Baseline Inspections
	7111108P - INSERVICE INSPECTION - UNIT 2		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		10/30/2006	11/03/2006	Baseline Inspections
	12/11+EX - OPERATOR LICENSING INITIAL EXAMS		4			
1	U01598	BEAVER VALLEY, UNITS 1 & 2 INITIAL EXAM (2/07)		11/13/2006	11/17/2006	Not Applicable
1	U01598	BEAVER VALLEY, UNITS 1 & 2 INITIAL EXAM (2/07)		12/11/2006	12/23/2006	Not Applicable
	TRI FIRE - TRIENNIAL FIRE PROTECTION INSPECTION		3			
1	IP 7111105T	Fire Protection [Triennial]		01/22/2007	01/26/2007	Baseline Inspections
1	IP 7111105T	Fire Protection [Triennial]		02/05/2007	02/09/2007	Baseline Inspections
	7112101 - OCC RAD SAFETY		1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		03/05/2007	03/09/2007	Baseline Inspections
	71152B - PI&R		4			
1, 2	IP 71152B	Identification and Resolution of Problems		03/26/2007	03/30/2007	Baseline Inspections