

August 23, 2002

Mr. Mark Bezilla
Vice President
First Energy Nuclear Operating Company
Beaver Valley Power Station
Post Office Box 4
Shippingport, PA 15077

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

Dear Mr. Bezilla:

On August 6, 2002, the NRC staff completed its mid-cycle plant performance assessment of Beaver Valley Power Station, Units 1 and 2 (Beaver Valley). In accordance with NRC Inspection Manual Chapter 0305 "Operating Reactor Assessment Program," the mid-cycle review involved the participation of all technical divisions in evaluating the performance of your Beaver Valley facility for the first half of the current assessment cycle, January 1 - December 31, 2002. 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 Regulatory Response column of the NRC's Action Matrix based on one White inspection finding, having low to moderate safety significance, which effected the Emergency Preparedness cornerstone. Specifically, personal home alerting devices (PHADs), which comprise a small portion of the public alert and notification system (ANS) for Beaver Valley Power Station, were not adequately tested and maintained to fulfill their design function of alerting the public within the Emergency Planning Zone. During a Regulatory Conference held on May 15, 2002, the corrective actions including interim measures, installation and testing of additional ANS sirens, submittal of a revised ANS design report to eliminate reliance on PHADs, and a planned self assessment of your ANS were discussed. In addition to the reactor oversight program baseline inspections, the NRC intends to perform a supplemental inspection in February 2003 to provide assurance that the root causes and contributing causes of safety significant performance issues are understood, the extent of condition is identified, and the corrective actions are sufficient to prevent recurrence of the White inspection finding.

The enclosed inspection plan details the inspections scheduled through September 30, 2003. 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 plan is tentative and may be revised at the end-of-cycle review.

Mr. Mark Bezilla

2

In addition, the NRC is in the process of finalizing a Temporary Instruction (TI) that will be used to review implementation of the Interim Compensatory Measures required by the Agency's Security Order to all commercial nuclear power plants dated February 25, 2002. Schedules have not yet been finalized, but it is anticipated that these inspections will begin within the next calendar quarter. Once finalized, the details will be communicated by separate correspondence.

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 Electronic Reading Room).

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. John Rogge at (610) 337-5146 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. 50-334, 50-412
Licensee Nos. DPR-66, NPF-73

Enclosure: Beaver Valley Power Station, Units 1 and 2 Inspection/Activity Plan

cc w/encl:

J. Lash, Plant General Manager
F. von Ahn, Director, Plant Engineering
T. Cosgrove, Director, Work Management
R. Donnellon, Director, Plant Maintenance
M. Pearson, Director, Services and Projects
L. Freeland, Manager, Nuclear Regulatory Affairs & Corrective Actions
M. Clancy, Mayor, Shippingport, PA
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Commonwealth of Pennsylvania
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Mr. Mark Bezilla

3

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OFFICE	RI /DRP	RI /DRP	RI /DRP		
NAME	D Kern /JFR for/	J Rogge /JFR/	A R Blough /ARB/		
DATE	08/21/02	08/21/02	08/23/02	08/ /02	08/ /02

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Beaver Valley
Inspection / Activity Plan
06/30/2002 - 09/30/2003

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	7112202	- PUB RAD SAFETY - RADWASTE	1			
1, 2	IP 7112202	Radioactive Material Processing and Transportation		07/08/2002	07/12/2002	Baseline Inspections
	711112B	- MAINTENANCE RULE	1			
1, 2	IP 711112B	Maintenance Effectiveness		07/08/2002	07/12/2002	Baseline Inspections
	7111121	- SSDI	6			
1, 2	IP 7111121	Safety System Design and Performance Capability		08/12/2002	08/16/2002	Baseline Inspections
1, 2	IP 7111121	Safety System Design and Performance Capability		08/26/2002	08/30/2002	Baseline Inspections
	71121	- OCC RAD SAFETY	1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		08/19/2002	08/23/2002	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		08/19/2002	08/23/2002	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		08/19/2002	08/23/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		08/19/2002	08/23/2002	Baseline Inspections
	9/30+EXM	- U1 OPERATOR INITIAL LICENSING EXAMS	3			
1	U01438	BEAVER VALLEY 1 O/L INITIAL EXAMS 9/30-10/11/2002		09/02/2002	09/06/2002	Not Applicable
1	U01438	BEAVER VALLEY 1 O/L INITIAL EXAMS 9/30-10/11/2002		09/30/2002	10/11/2002	Not Applicable
	71121	- OCC RAD SAFETY	1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		10/28/2002	11/01/2002	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		10/28/2002	11/01/2002	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		10/28/2002	11/01/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		10/28/2002	11/01/2002	Baseline Inspections
	711111B	- L.O.REQUALIFICATION PROGRAM	2			
1, 2	IP 711111B	Licensed Operator Requalification		10/28/2002	11/01/2002	Baseline Inspections
	12/16EXM	- U2 OPERATOR LICENSING INITIAL EXAMS	3			
2	U01439	BEAVER VALLEY 2 O/L INITIAL EXAMS 5/13-22/2002		11/18/2002	11/22/2002	Not Applicable
2	U01439	BEAVER VALLEY 2 O/L INITIAL EXAMS 5/13-22/2002		12/16/2002	12/20/2002	Not Applicable
	71130	- SECURITY	1			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		01/21/2003	01/24/2003	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizator		01/21/2003	01/24/2003	Baseline Inspections
	71121	- OCC RAD SAFETY	1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		02/03/2003	02/07/2003	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		02/03/2003	02/07/2003	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		02/03/2003	02/07/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		02/03/2003	02/07/2003	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
06/30/2002 - 09/30/2003

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	95001 - 95001 PHAD FOLLOW UP		1			
1, 2	IP 95001	Supplemental Inspection For One Or Two White Inputs In A Strategic Performance Area		02/24/2003	02/28/2003	Supplemental Program
	7111108 - INSERVICE INSPECTION		1			
1, 2	IP 7111108	Inservice Inspection Activities		03/10/2003	03/15/2003	Baseline Inspections
	71121 - OCC RAD SAFETY		1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		03/17/2003	03/21/2003	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		03/17/2003	03/21/2003	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		03/17/2003	03/21/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		03/17/2003	03/21/2003	Baseline Inspections
	7111107B - HEAT SINK		1			
1, 2	IP 7111107B	Heat Sink Performance		04/07/2003	04/11/2003	Baseline Inspections
	71122.01 - RETS		1			
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		05/05/2003	05/09/2003	Baseline Inspections
	7111117B - PERMANENT PLANT MODS		5			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		06/16/2003	06/20/2003	Baseline Inspections
1, 2	IP 7111117B	Permanent Plant Modifications		06/16/2003	06/20/2003	Baseline Inspections
	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
	71114 - EP PRG RVW & EP PI VERIFICATION		1			
1, 2	IP 7111402	Alert and Notification System Testing		07/27/2003	08/01/2003	Baseline Inspections
1, 2	IP 7111403	Emergency Response Organization Augmentation Testing		07/27/2003	08/01/2003	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/27/2003	08/01/2003	Baseline Inspections
1, 2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/27/2003	08/01/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		07/27/2003	08/01/2003	Baseline Inspections
	71121 - OCC RAD SAFETY		1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		09/08/2003	09/12/2003	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		09/08/2003	09/12/2003	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/08/2003	09/12/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		09/08/2003	09/12/2003	Baseline Inspections
	71130.03 - SECURITY		2			
1, 2	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Strategy)		09/08/2003	09/12/2003	Baseline Inspections

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