



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I**
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

September 3, 2013

Mr. Eric Larson
Site Vice President
FirstEnergy Nuclear Operating Company
Beaver Valley Power Station
P. O. Box 4, Route 168
Shippingport, PA 15077

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN –
BEAVER VALLEY UNITS 1 AND 2 (REPORT 05000334/2013006 AND
05000412/2013006)**

Dear Mr. Larson:

On August 13, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed its mid-cycle performance review of Beaver Valley Power Station Units 1 and 2. The NRC reviewed the most recent quarterly performance indicators in addition to inspection results and enforcement actions from July 1, 2012 through June 30, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined the performance at Beaver Valley Units 1 and 2 during the most recent quarter was within the Regulatory Response Column of the NRC's Reactor Oversight Process Action Matrix because of one or more greater-than-green Security Cornerstone inputs as described in inspection report 05000334/2012404 and 05000412/2012404 dated August 16, 2012. However, subsequent to the end of the assessment period, after reviewing Beaver Valley Units 1 and 2 performance in addressing the greater-than-green finding(s), the NRC concluded your actions met the objectives of the Inspection Procedure 95001, "Supplemental Inspection of One or Two White Inputs in a Strategic Performance Area," as documented in supplemental inspection report 05000334/2013406 and 05000412/2013406, dated July 8, 2013. Therefore, in accordance with the guidance in Inspection Manual Chapter (IMC) 0305, "Operating Reactor Assessment Program," the greater-than-green finding(s) are only considered in assessing plant performance for a total of four quarters. As a result, the NRC determined the performance at Beaver Valley Units 1 and 2 to be in the Licensee Response Column of the Reactor Oversight Process Action Matrix as of July 1, 2013.

Although plant performance is currently within the License Response Column of the Reactor Oversight Process Action Matrix, the NRC has not yet finalized the significance of one or more Security Cornerstone inputs identified in the 2nd Quarter of 2013, as documented in security inspection report 05000334/412-2013201. The final safety significance determination may affect the NRC's assessment of plant performance, retroactive to the 2nd Quarter of 2013, and the enclosed inspection plan.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to baseline inspections, the NRC will perform Temporary Instruction 2515/182, "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks;" Inspection Procedure 60854.1, "Pre-operational Testing of Independent spent Fuel Storage Facility Installation at Operating Plants;" Inspection Procedure 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants;" and Inspection Procedure 60856.1, "Review of 10 CFR 72.212(b) Evaluations at Operating Plants." The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security-related inspections, which will be sent via separate, non-publicly available correspondence.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of the 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).

Please contact Gordon K. Hunegs at (610)337-5046 with any questions you have regarding this letter.

Sincerely,

/RA/

Darrell J. Roberts, Director
Division of Reactor Projects

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

Enclosure: Inspection Plan

cc w/encl: Distribution via ListServ

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<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
OFFICE	RI/DRP	RI/DRP	RI/DRP	RI/DRP	
NAME <i>mmt</i>	DSpindler/ECarfang for	BBickett/ BB	GHunegs/ GKH	DRoberts/DJR	
DATE	08/ 24/13	08/24 /13	08/25 /13	08/ 30/13	

OFFICIAL RECORD COPY

Beaver Valley
Inspection / Activity Plan
07/01/2013 - 12/31/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
EP PROG - EP PROGRAM INSPECTION					3
1,2	09/03/2013	09/06/2013	IP 7111402	Alert and Notification System Testing	
1,2	09/03/2013	09/06/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1,2	09/03/2013	09/06/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
7111111B - BV2 REQUAL INSPECTION WITH P/F RESULTS					2
2	08/26/2013	08/30/2013	IP 7111111B	Licensed Operator Requalification Program	
71124 - OCC RADIATION SAFETY					1
1,2	07/29/2013	08/02/2013	IP 71124.05	Radiation Monitoring Instrumentation	
71124 - OCC RADIATION SAFETY					1
1,2	09/30/2013	10/04/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	09/30/2013	10/04/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	09/30/2013	10/04/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	09/30/2013	10/04/2013	IP 71124.04	Occupational Dose Assessment	
7111108P - U1 INSERVICE INSPECTION					2
1	09/30/2013	10/11/2013	IP 7111108P	Inservice Inspection Activities - PWR	
ISFSI - ISFSI PAD CONSTRUCTION					2
1,2	11/11/2013	11/15/2013	IP 60853	On-Site Fabrication Of Components And Construction On An ISFSI	
PI&R - PI&R TEAM					4
1,2	11/18/2013	11/22/2013	IP 71152B	Problem Identification and Resolution	
1,2	12/02/2013	12/06/2013	IP 71152B	Problem Identification and Resolution	
TI 182 - DEGRADED UNDERGROUND PIPING - PHASE 2					1
1,2	12/09/2013	12/13/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
71124 - OCC RADIATION SAFETY					1
1,2	01/27/2014	01/31/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	01/27/2014	01/31/2014	IP 71124.02	Occupational ALARA Planning and Controls	
7/7EXAM - BV1 INITIAL EXAM					4
1	06/09/2014	06/13/2014	U01884	FY14 -BEAVER VALLEY 1 INITIAL OPERATOR LICENSING EXAM	
1	07/07/2014	07/16/2014	U01884	FY14 -BEAVER VALLEY 1 INITIAL OPERATOR LICENSING EXAM	
71124 - OCC RADIATION SAFETY					1
1,2	04/21/2014	04/25/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	04/21/2014	04/25/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	04/21/2014	04/25/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	04/21/2014	04/25/2014	IP 71124.04	Occupational Dose Assessment	

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

Beaver Valley
Inspection / Activity Plan
07/01/2013 - 12/31/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			7111108P - U2 INSERVICE INSPECTION		1
2	04/28/2014	05/09/2014	IP 7111108P	Inservice Inspection Activities - PWR	
			7111111B - BV1 REQUAL INSPECTION WITH P/F RESULTS		2
1	08/04/2014	08/08/2014	IP 7111111B	Licensed Operator Requalification Program	
			EP EXER - EP EXERCISE INSPECTION		5
1,2	06/16/2014	06/20/2014	IP 7111407	Exercise Evaluation - Hostile Action (HA) Event	
			71124 - OCC RADIATION SAFETY		1
1,2	08/04/2014	08/08/2014	IP 71124.05	Radiation Monitoring Instrumentation	
			ISFSI - DRY RUN & INITIAL ISFSI INSPECTION		5
1,2	08/01/2014	09/30/2014	IP 60853	On-Site Fabrication Of Components And Construction On An ISFSI	
1	08/01/2014	09/30/2014	IP 60854.1	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants	
1	08/01/2014	09/30/2014	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
2	08/01/2014	09/30/2014	IP 60856.1	Review of 10 CFR 72.212(b) Evaluations at Operating Plants	
			71124 - OCC RADIATION SAFETY		1
1,2	10/20/2014	10/24/2014	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1,2	10/20/2014	10/24/2014	IP 71151	Performance Indicator Verification	
			CDBI - CDBI		8
1,2	11/03/2014	11/07/2014	IP 7111121	Component Design Bases Inspection	
1,2	11/17/2014	11/21/2014	IP 7111121	Component Design Bases Inspection	
1,2	12/01/2014	12/05/2014	IP 7111121	Component Design Bases Inspection	
			71124.08 - RADWASTE		1
1,2	11/17/2014	11/21/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	

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