



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
2100 RENAISSANCE BLVD.
KING OF PRUSSIA, PA 19406-2713**

August 28, 2018

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

**SUBJECT: BEAVER VALLEY POWER STATION, UNIT NOS. 1 AND 2 UPDATED
INSPECTION PLAN INSPECTION REPORT 05000334/2018005 AND
05000412/2018005**

Dear Mr. Bologna:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, for Beaver Valley Power Station, Units 1 and 2. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

In accordance with Title 10 of the *Code of Federal Regulations* (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 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 me at 610-337-5205 with any questions you have regarding this letter.

Sincerely,

/RA/

Matthew R. Young, Chief
Reactor Projects Branch 6
Division of Reactor Projects

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

Enclosure:
Beaver Valley Inspection Plan

cc: Distribution via ListServ

SUBJECT: BEAVER VALLEY POWER STATION, UNIT NOS. 1 AND 2 UPDATED
INSPECTION PLAN INSPECTION REPORT 05000334/2018005 AND
05000412/2018005 DATED AUGUST 28, 2018

DISTRIBUTION w/encl (via e-mail)

DLew, RA, ORA (R1ORAMAIL)
 JGiessner, Acting DRA (R1ORAMAIL)
 RLorson, DRP (R1DRPMAIL)
 DPelton, DRP (R1DRPMAIL)
 JYerokun, DRS (R1DRSMAIL)
 BWellington, DRS (R1DRSMAIL)
 MFerdas, DRP
 MRYoung, DRP
 SShaffer, DRP
 EAllen, DRP
 JKrafty, DRP
 SHorvitz, DRP
 AGould, AA
 JBowen, RI, OEDO
 RidsNrrPMBeaverValley Resource
 RidsNrrDorlLp1 Resource
 ROPreports Resource
 DRS Branch Chiefs (6)
 DScrenci, PAO
 NSheehan, PAO
 DTiff, SLO
 ROPAssessment Resource
 RidsNrrDirslpabResources

DOCUMENT NAME: G:\DRP\BRANCH6\ROP Assessment Folders\ROP 19\BV Mid-cycle\BV 2nd Quarter ASM letter.docx
 ADAMS ACCESSION NUMBER: ML18226A078

<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			
NAME	SShaffer	MYoung			
DATE	8/1/18	8/2/18			

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

Beaver Valley

07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
3rd Quarter Site Support						10
1, 2	07/01/2018	09/30/2018	IP 71111.19	000711	Post Maintenance Testing	
1, 2	07/01/2018	09/30/2018	IP 71153	000749	Followup of Events and Notices of Enforcement Discretion	
TRIENNIAL FIRE PROTECTION						4
1, 2	07/23/2018	07/27/2018	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
1, 2	08/06/2018	08/10/2018	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
Annual Sample - Isophase Duct Inspections for License Renewal						1
1, 2	07/30/2018	08/03/2018	IP 71152	000748	Problem Identification and Resolution	
BEAVER VALLEY 1 INITIAL OL EXAM						4
1	08/20/2018	08/24/2018	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	09/17/2018	09/28/2018	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
RAD INSTRUMENTATION						1
1, 2	09/10/2018	09/14/2018	IP 71124.05	000729	Radiation Monitoring Instrumentation	
Unit 2 Inservice Inspection						1
2	10/29/2018	11/09/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
Rad Safety Inspection						1
1, 2	10/29/2018	11/02/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/29/2018	11/02/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	10/29/2018	11/02/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	10/29/2018	11/02/2018	IP 71124.04	000728	Occupational Dose Assessment	
RADWASTE						1
1, 2	11/05/2018	11/09/2018	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
RAD SAFETY INSPECTION						1
1, 2	12/10/2018	12/14/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	12/10/2018	12/14/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	12/10/2018	12/14/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	12/10/2018	12/14/2018	IP 71124.04	000728	Occupational Dose Assessment	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

IP 22 Inspection Activity Plan Report

Beaver Valley

07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
RAD SAFETY INSPECTION						1
1, 2	12/10/2018	12/14/2018	IP 71151	000746	Performance Indicator Verification	
PI&R BIENNIAL						4
1, 2	03/04/2019	03/08/2019	IP 71152B	000747	Problem Identification and Resolution	
1, 2	03/18/2019	03/22/2019	IP 71152B	000747	Problem Identification and Resolution	
RAD SAFETY 01,02,03,04						1
1, 2	03/18/2019	03/22/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/18/2019	03/22/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	03/18/2019	03/22/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/18/2019	03/22/2019	IP 71124.04	000729	Occupational Dose Assessment	
FORCE-ON-FORCE PLANNING AND EXERCISES						8
1, 2	03/25/2019	03/29/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	04/15/2019	04/19/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
EQ PROGRAM						3
1, 2	04/29/2019	05/03/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1, 2	05/20/2019	05/24/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
BV2 REQUAL INSP WITH P/F RESULTS						2
2	05/06/2019	05/10/2019	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance (Annual)	
2	05/06/2019	05/10/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
EP PROGRAM INSPECTION						2
1, 2	06/10/2019	06/14/2019	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	06/10/2019	06/14/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	06/10/2019	06/14/2019	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	06/10/2019	06/14/2019	IP 71151	001397	Performance Indicator Verification	
RAD SAFETY REMP						1
1, 2	07/08/2019	07/12/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1, 2	07/08/2019	07/12/2019	IP 71151	000746	Performance Indicator Verification	

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

IP 22 Inspection Activity Plan Report

Beaver Valley

07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
Triennial Heat Sink						1
1, 2	07/15/2019	07/19/2019	IP 71111.07T	000700	Heat Sink Performance -Triennial	
ACCESS CONTROL, EQUIP PERF, TRAINING						3
1, 2	07/22/2019	07/26/2019	IP 71130.02	000734	Access Control	
1, 2	07/22/2019	07/26/2019	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	07/22/2019	07/26/2019	IP 71130.07	000739	Security Training	
1, 2	07/22/2019	07/26/2019	IP 71151	001338	Performance Indicator Verification	
50.59 Process						3
1, 2	08/12/2019	08/16/2019	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
RAD SAFETY 01,02,03,04						1
1, 2	08/12/2019	08/16/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	08/12/2019	08/16/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	08/12/2019	08/16/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	08/12/2019	08/16/2019	IP 71124.04	000729	Occupational Dose Assessment	
BEAVER VALLEY 2 INITIAL OL EXAM						4
2	08/26/2019	08/30/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
2	10/07/2019	10/18/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
INSERVICE INSPECTION - UNIT 1						1
1	10/07/2019	10/18/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RAD SAFETY OUT						1
1, 2	10/28/2019	11/01/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/28/2019	11/01/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	10/28/2019	11/01/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	10/28/2019	11/01/2019	IP 71124.04	000729	Occupational Dose Assessment	
1, 2	10/28/2019	11/01/2019	IP 71151	000746	Performance Indicator Verification	
Rad Safety Inspection						1
1, 2	01/27/2020	01/31/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	01/27/2020	01/31/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	01/27/2020	01/31/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	

IP 22 Inspection Activity Plan Report

Beaver Valley

07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
Rad Safety Inspection						1
1, 2	01/27/2020	01/31/2020	IP 71124.04	000729	Occupational Dose Assessment	
BV1 Requal Inspection with P/F Results						2
1	04/13/2020	04/18/2020	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance (Annual)	
1	04/13/2020	04/18/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
Rad Safety Refuel						1
1, 2	04/13/2020	04/17/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	04/13/2020	04/17/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	04/13/2020	04/17/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	04/13/2020	04/17/2020	IP 71124.04	000729	Occupational Dose Assessment	
ISI - UNIT 2						1
2	04/20/2020	05/01/2020	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
BEAVER VALLEY EP EXERCISE INSPECTION						5
1, 2	06/08/2020	06/12/2020	IP 71114.01	000716	Exercise Evaluation	
1, 2	06/08/2020	06/12/2020	IP 71151	001397	Performance Indicator Verification	
Rad Safety RETS						1
1, 2	06/22/2020	06/26/2020	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	06/22/2020	06/26/2020	IP 71151	000746	Performance Indicator Verification	