



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

August 28, 2017

Mr. Bryan Hanson
Senior Vice President, Exelon Generation, LLC
President and Chief Nuclear Officer, Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

**SUBJECT: UPDATED INSPECTION PLAN FOR PEACH BOTTOM ATOMIC
POWER STATION UNITS 2 AND 3 (REPORT 05000277/2017005 AND
05000278/2017005)**

Dear Mr. Hanson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2019 for Peach Bottom Atomic Power Station Units 2 and 3. 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. This inspection plan does not include the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

In addition to planned baseline inspections, the NRC plans to conduct IP 60855.1, "Operation of an Independent Spent Fuels Storage Installation at Operating Plants" during the second quarter of 2018. See the attached Inspection Plan for specific dates.

Please contact me at 610-337-5262 with any questions that you may have regarding this letter.

Sincerely,

/RA/

Daniel L. Schroeder, Chief
Projects Branch 4
Division of Reactor Projects

Docket Nos. 50-277 and 50-278
License Nos. DPR-44 and DPR-56

Enclosure:
Inspection Plan

cc: Distribution via ListServ

SUBJECT: UPDATED INSPECTION PLAN FOR PEACH BOTTOM ATOMIC POWER
 STATION UNITS 2 AND 3 (REPORT 05000277/2017005 AND 05000278/2017005)
 DATED AUGUST 28, 2017

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DOCUMENT NAME: S:\ROP Assessment Meetings\ROP-18 Second Quarter Process\Branch 4\PB Qtr 2 Inspec Plan Ltr.docx ADAMS ACCESSION NUMBER: ML17236A030

<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	SBarber/SB	DLSchroeder/DLS			
DATE	08/22/17	08/28/17			

OFFICIAL RECORD COPY

Peach Bottom
Inspection / Activity Plan
07/01/2017 - 06/30/2019

Unit Number	Planned Dates Start	End	Inspection Activity	Title	No. of Staff on Site
			71124.08 - RADWASTE		1
2,3	07/17/2017	07/21/2017	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			71124 - HP INSPECTION 01 02 03 04		1
2,3	10/23/2017	10/27/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2,3	10/23/2017	10/27/2017	IP 71124.02	Occupational ALARA Planning and Controls	
2,3	10/23/2017	10/27/2017	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2,3	10/23/2017	10/27/2017	IP 71124.04	Occupational Dose Assessment	
2,3	10/23/2017	10/27/2017	IP 71151-OR01	Occupational Exposure Control Effectiveness	
			7111108G - U3 INSERVICE INSPECTION		1
3	10/30/2017	11/03/2017	IP 7111108G	Inservice Inspection Activities - BWR	
			EP - EP EXERCISE INSPECTION		4
2,3	04/16/2018	04/20/2018	IP 7111401	Exercise Evaluation	
			7111105T - TRIENNIAL FIRE PROTECTION		4
2,3	04/02/2018	04/06/2018	IP 7111105T	Fire Protection [Triennial]	
2,3	04/16/2018	04/20/2018	IP 7111105T	Fire Protection [Triennial]	
			71124 - RAD MONITORING INSTRU		1
2,3	03/26/2018	03/29/2018	IP 71124.05	Radiation Monitoring Instrumentation	
			ISFSI - ISFSI LOADING CAMPAIGN INSPECTION		3
2,3	05/14/2018	05/18/2018	IP 60855	Operation Of An ISFSI	
2,3	05/14/2018	05/18/2018	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			71124 - RAD HAZARD & ALARA 01 02		1
2,3	05/07/2018	05/11/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2,3	05/07/2018	05/11/2018	IP 71124.02	Occupational ALARA Planning and Controls	
			71124 - REMP		1
2,3	07/09/2018	07/13/2018	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			2/25EXAM - PEACH BOTTOM INITIAL OL EXAM		5
2	01/28/2019	02/01/2019	U01969	FY19 PEACH BOTTOM EXAM (MARCH 2019)	
2	02/25/2019	03/08/2019	U01969	FY19 PEACH BOTTOM EXAM (MARCH 2019)	
			71124 - RAD EFFLUENTS		1
2,3	08/13/2018	08/17/2018	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			71124 - IP 71151 PI VERIFY IP 71124.01 .02 .03 .		1
2	10/22/2018	10/25/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	10/22/2018	10/25/2018	IP 71124.02	Occupational ALARA Planning and Controls	
2	10/22/2018	10/25/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	

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

Peach Bottom
Inspection / Activity Plan
07/01/2017 - 06/30/2019

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			71124	- IP 71151 PI VERIFY IP 71124.01 .02 .03 .	
2	10/22/2018	10/25/2018	IP 71124.04	Occupational Dose Assessment	1
2	10/22/2018	10/25/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	
2	10/22/2018	10/25/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			U2 ISI	- UNIT 2 INSERVICE INSPECTION	2
2	10/29/2018	11/02/2018	IP 7111108G	Inservice Inspection Activities - BWR	
			LR PH 4	- UNIT 2 - LICENSE RENEWAL PHASE 4	2
2	11/26/2018	11/30/2018	IP 71003	Post-Approval Site Inspection for License Renewal	
			REQUAL	- PB REQUAL INSP WITH P/F RESULTS	2
2, 3	03/11/2019	03/15/2019	IP 7111111A	Licensed Operator Requalification Program - Annual Review	
2, 3	03/11/2019	03/15/2019	IP 7111111B	Licensed Operator Requalification Program	
			7111121N	- EQ PROGRAM	3
2, 3	01/14/2019	01/18/2019	IP 7111121N	Design Bases Assurance Inspection (Programs)	
2, 3	01/28/2019	02/01/2019	IP 7111121N	Design Bases Assurance Inspection (Programs)	
			71124	- RAD SAFETY 01,02,03,04	1
2, 3	01/28/2019	02/01/2019	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2, 3	01/28/2019	02/01/2019	IP 71124.02	Occupational ALARA Planning and Controls	
2, 3	01/28/2019	02/01/2019	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2, 3	01/28/2019	02/01/2019	IP 71124.04	Occupational Dose Assessment	
			EP	- EP PROGRAM INSPECTION	2
2, 3	03/04/2019	03/08/2019	IP 7111402	Alert and Notification System Testing	
2, 3	03/04/2019	03/08/2019	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
2, 3	03/04/2019	03/08/2019	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
2, 3	03/04/2019	03/08/2019	IP 71151	Performance Indicator Verification	
			71124	- RAD SAFETY .01,02,03,04	1
2, 3	05/06/2019	05/10/2019	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2, 3	05/06/2019	05/10/2019	IP 71124.02	Occupational ALARA Planning and Controls	
2, 3	05/06/2019	05/10/2019	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2, 3	05/06/2019	05/10/2019	IP 71124.04	Occupational Dose Assessment	
			71152B	- PI&R BIENNIAL	1
2, 3	06/10/2019	06/14/2019	IP 71152B	Problem Identification and Resolution	
2, 3	06/24/2019	06/28/2019	IP 71152B	Problem Identification and Resolution	

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