



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

August 28, 2017

Mr. Timothy S. Rausch  
President and Chief Nuclear Officer  
Susquehanna Nuclear, LLC  
769 Salem Blvd - NUCSB3  
Berwick, PA 18603-0467

SUBJECT: UPDATED INSPECTION PLAN FOR SUSQUEHANNA STEAM ELECTRIC  
STATION UNITS 1 AND 2 (REPORT 05000387/2017005 AND 05000388/2017005)

Dear Mr. Rausch:

The enclosed inspection plan lists the inspections scheduled through June 30, 2019 for Susquehanna Steam Electric 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. This inspection plan does not include the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

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. 50-387 and 50-388  
License Nos. NPF-14 and NPF-22

Enclosure:  
Inspection Plan

cc: Distribution via ListServ

SUBJECT: UPDATED INSPECTION PLAN FOR SUSQUEHANNA STEAM ELECTRIC  
 STATION UNITS 1 AND 2 (REPORT 05000387/2017005 AND 05000388/2017005)  
 DATED AUGUST 28, 2017

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 Ispec Plan Ltr.docx ADAMS ACCESSION NUMBER: ML17236A032

<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	DSchroeder/DLS			
DATE	8/22/17	8/28/17			

OFFICIAL RECORD COPY

**Susquehanna**  
**Inspection / Activity Plan**  
**07/01/2017 - 06/30/2019**

Unit Number	Planned Dates Start	End	Inspection Activity	Title	No. of Staff on Site
			<b>7111105T - TRIENNIAL FIRE PROTECTION</b>		<b>5</b>
1,2	08/14/2017	08/18/2017	IP 7111105T	Fire Protection [Triennial]	
1,2	08/28/2017	09/01/2017	IP 7111105T	Fire Protection [Triennial]	
			<b>3/5EXAM - SUSQUEHANNA INITIAL OL EXAM</b>		<b>3</b>
1	02/05/2018	02/09/2018	U01950	FY18-SUSQUEHANNA INITIAL OPERATOR LICENSING EXAM	
1	03/05/2018	03/16/2018	U01950	FY18-SUSQUEHANNA INITIAL OPERATOR LICENSING EXAM	
			<b>71124 - HP INSPECTION</b>		<b>1</b>
1,2	10/02/2017	10/06/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	10/02/2017	10/06/2017	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>EP - EP PROGRAM INSPECTION</b>		<b>2</b>
1,2	10/30/2017	11/03/2017	IP 7111402	Alert and Notification System Testing	
1,2	10/30/2017	11/03/2017	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1,2	10/30/2017	11/03/2017	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1,2	10/30/2017	11/03/2017	IP 71151	Performance Indicator Verification	
			<b>7111111B - SQ REQUAL INSP WITH P/F RESULTS</b>		<b>2</b>
1,2	11/27/2017	12/01/2017	IP 7111111A	Licensed Operator Requalification Program - Annual Review	
1,2	11/27/2017	12/01/2017	IP 7111111B	Licensed Operator Requalification Program	
			<b>71124 - HP INSPECTION</b>		<b>1</b>
1,2	12/11/2017	12/15/2017	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	12/11/2017	12/15/2017	IP 71124.04	Occupational Dose Assessment	
1,2	12/11/2017	12/15/2017	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1,2	12/11/2017	12/15/2017	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			<b>7111121N - EQ PROGRAM</b>		<b>2</b>
1,2	01/22/2018	01/26/2018	IP 7111121N	Design Bases Assurance Inspection (Programs)	
1,2	02/05/2018	02/09/2018	IP 7111121N	Design Bases Assurance Inspection (Programs)	
			<b>HEAT - TRIENNIAL HEAT SINK</b>		<b>1</b>
1,2	02/26/2018	03/02/2018	IP 7111107T	Heat Sink Performance	
			<b>71124 - HP INSPECTION</b>		<b>1</b>
1	04/09/2018	04/13/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	04/09/2018	04/13/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	04/09/2018	04/13/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
			<b>U1 ISI - UNIT 1 INSERVICE INSPECTION</b>		<b>2</b>
1	04/09/2018	04/13/2018	IP 7111108G	Inservice Inspection Activities - BWR	

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

**Susquehanna**  
**Inspection / Activity Plan**  
**07/01/2017 - 06/30/2019**

Unit Number	Planned Dates Start	End	Inspection Activity	Title	No. of Staff on Site
			<b>71152B - PI&amp;R BIENNIAL</b>		<b>1</b>
1,2	06/11/2018	06/15/2018	IP 71152B	Problem Identification and Resolution	
1,2	06/25/2018	06/29/2018	IP 71152B	Problem Identification and Resolution	
			<b>71124 - HP INSPECTION</b>		<b>1</b>
1,2	06/04/2018	06/08/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	06/04/2018	06/08/2018	IP 71124.04	Occupational Dose Assessment	
1,2	06/04/2018	06/08/2018	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>71124.06 - RETS</b>		<b>1</b>
1,2	08/06/2018	08/10/2018	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			<b>7111117T - 50.59 PROCESS</b>		<b>3</b>
1,2	08/20/2018	08/24/2018	IP 7111117T	Evaluations of Changes, Tests, and Experiments	
			<b>71124.08 - RADWASTE</b>		<b>1</b>
1,2	09/17/2018	09/21/2018	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>EP - EP EXERCISE INSPECTION</b>		<b>4</b>
1,2	10/15/2018	10/19/2018	IP 7111401	Exercise Evaluation	
1,2	10/15/2018	10/19/2018	IP 71151	Performance Indicator Verification	
			<b>71124 - BASELINE HP &amp; PI VERIFICATION</b>		<b>1</b>
1,2	12/10/2018	12/14/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	12/10/2018	12/14/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	12/10/2018	12/14/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	12/10/2018	12/14/2018	IP 71124.04	Occupational Dose Assessment	
1,2	12/10/2018	12/14/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1,2	12/10/2018	12/14/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			<b>71124 - HP</b>		<b>1</b>
1,2	02/25/2019	03/01/2019	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	02/25/2019	03/01/2019	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>U2 ISI - INSERVICE INSPECTION - UNIT 2</b>		<b>1</b>
2	04/22/2019	04/26/2019	IP 7111108G	Inservice Inspection Activities - BWR	
			<b>71124 - HP</b>		<b>1</b>
2	04/29/2019	05/03/2019	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	04/29/2019	05/03/2019	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	04/29/2019	05/03/2019	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
			<b>71124.07 - REMP</b>		<b>1</b>
1,2	05/20/2019	05/24/2019	IP 71124.07	Radiological Environmental Monitoring Program	

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