



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

August 28, 2019

Mr. Eric Carr
President and Chief Nuclear Officer
PSEG Nuclear LLC – N09
P.O. Box 236
Hancocks Bridge, NJ 08038

**SUBJECT: HOPE CREEK GENERATING STATION UPDATED INSPECTION PLAN
(INSPECTION REPORT 05000354/2019005)**

Dear Mr. Carr:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for Hope Creek Generating Station. 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.

Additionally, NRC Region I plans to conduct an inspection per Temporary Instruction 2515/194, "Inspection of the Licensees' Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerabilities in Electric Power Systems," at your facility during the period.

You should be aware that the agency is pursuing potential changes to the ROP, including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020.

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) 337-5312 with any questions you have regarding this letter.

Sincerely,

/RA/

Brice Bickett, Chief
Project Branch 3
Division of Reactor Projects

Docket No. 50-354
License No. NPF-57

Enclosure:
Hope Creek Inspection Plan

cc w/encl: Distribution via ListServ

SUBJECT: HOPE CREEK GENERATING STATION UPDATED INSPECTION PLAN
(INSPECTION REPORT 05000354/2019005) DATED AUGUST 28, 2019

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DOCUMENT NAME: S:\ROP Assessment Meetings\ROP-20 Second Quarter Process\Branch 3\ROP20 Hope Creek MC Letter.docx
ADAMS ACCESSION NUMBER: ML19235A057

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OFFICE	R1/DRP	R1/DRP			
NAME	BLin	BBickett			
DATE	8/19/19	8/23/19			

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

Hope Creek

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
HOPE CREEK INITIAL OL EXAM						4
1	07/14/2019	07/20/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	08/11/2019	08/24/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
PI&R BIENNIAL						4
1	07/15/2019	07/19/2019	IP 71152B	000747	Problem Identification and Resolution	
1	07/29/2019	08/02/2019	IP 71152B	000747	Problem Identification and Resolution	
MC&A						1
1	09/01/2019	09/07/2019	IP 71130.11	000742	Material Control and Accounting (MC&A)	
HP Rad Hazard and ALARA 71124.01, .02						1
1	10/15/2019	10/18/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/15/2019	10/18/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Unit 1 ISI INSPECTION						1
1	10/20/2019	10/26/2019	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
HP Team Inspection .04, .05, .06, Pls						3
1	11/18/2019	11/22/2019	IP 71124.04	000728	Occupational Dose Assessment	
1	11/18/2019	11/22/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1	11/18/2019	11/22/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
HP Solid Waste Proc, Handling, Stor, Transp 71124.08						1
1	12/02/2019	12/06/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
TI-194 Open Phase Condition Inspection - HC						2
1	01/20/2020	01/24/2020	TI 2515/194	000512	Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)	
HP						1
1	02/17/2020	02/21/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	02/17/2020	02/21/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	02/17/2020	02/21/2020	IP 71124.03	000727	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.

IP 22 Inspection Activity Plan Report

Hope Creek

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
HP						1
1	02/17/2020	02/21/2020	IP 71124.04	000728	Occupational Dose Assessment	
1	02/17/2020	02/21/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS						6
1	02/24/2020	02/28/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	03/16/2020	03/20/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
HOPE CREEK EP EXERCISE INSPECTION						5
1	05/18/2020	05/22/2020	IP 71114.01	000716	Exercise Evaluation	
1	05/18/2020	05/22/2020	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	05/18/2020	05/22/2020	IP 71151	001397	Performance Indicator Verification	
HP						1
1	06/01/2020	06/05/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	06/01/2020	06/05/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	06/01/2020	06/05/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	06/01/2020	06/05/2020	IP 71124.04	000728	Occupational Dose Assessment	
1	06/01/2020	06/05/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
Access Control, Equip Perf, Training						3
1	07/06/2020	07/10/2020	IP 71130.02	000734	Access Control	
1	07/06/2020	07/10/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1	07/06/2020	07/10/2020	IP 71130.07	000739	Security Training	
1	07/06/2020	07/10/2020	IP 71151	001338	Performance Indicator Verification	
PROGRAM INSPECTION						3
1	08/03/2020	08/07/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1	08/17/2020	08/21/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
REMP						1
1	08/03/2020	08/07/2020	IP 71124.07	000731	Radiological Environmental Monitoring Program	
Hope Creek Requal Inspection with P/F Results						2
1	10/04/2020	10/10/2020	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance	
1	10/04/2020	10/10/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	

This report does not include INPO and OUTAGE activities.

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

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Hope Creek

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
TRIENNIAL HEAT SINK						1
1	10/05/2020	10/09/2020	IP 71111.07T	000700	Heat Sink Performance	
HP						1
1	11/30/2020	12/04/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	11/30/2020	12/04/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	11/30/2020	12/04/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/30/2020	12/04/2020	IP 71124.04	000728	Occupational Dose Assessment	
1	11/30/2020	12/04/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
50.59 Inspection						3
1	12/13/2020	12/19/2020	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
HP						1
1	01/04/2021	01/08/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	01/04/2021	01/08/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	01/04/2021	01/08/2021	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	01/04/2021	01/08/2021	IP 71124.04	000728	Occupational Dose Assessment	
1	01/04/2021	01/08/2021	IP 71124.05	000729	Radiation Monitoring Instrumentation	
FY21 Hope Creek Initial Examination						4
1	01/10/2021	01/16/2021	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	02/07/2021	02/20/2021	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
Access Auth, Fitness for Duty, Access Control, PI						3
1	02/01/2021	02/05/2021	IP 71130.01	000733	Access Authorization	
1	02/01/2021	02/05/2021	IP 71130.02	000734	Access Control	
1	02/01/2021	02/05/2021	IP 71130.08	000740	Fitness For Duty Program	
1	02/01/2021	02/05/2021	IP 71151	001338	Performance Indicator Verification	
INSERVICE INSPECTION						1
1	04/18/2021	04/24/2021	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
HP						1
1	04/19/2021	04/23/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	04/19/2021	04/23/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	