**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

| ☑ SUNSI Review | | ☑ Non-Sensitive<br>☐ Sensitive | | ☑ Publicly Available<br>☐ Non-Publicly Available | |
|---|---|---|---|---|---|
| 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, PIs** | | | | | | 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.



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# 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 | |

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# IP 22 Inspection Activity Plan Report

## 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 | |

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