



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

August 28, 2019

Mr. Anthony J. Vitale  
Site Vice President  
Entergy Nuclear Operations, Inc.  
Indian Point Energy Center  
450 Broadway, GSB  
P.O. Box 249  
Buchanan, NY 10511-0249

SUBJECT: INDIAN POINT NUCLEAR GENERATING, UNITS 2 AND 3 – UPDATED  
INSPECTION PLAN (INSPECTION REPORT 05000247/2019005 AND  
05000286/2019005)

Dear Mr. Vitale:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for Indian Point Nuclear Generating, 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.

In addition to the baseline inspections, the NRC will conduct Temporary Instruction 2515/194, "Inspection of the Licensees' Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerabilities in Electric Power Systems."

You should be aware that the agency is pursuing potential changes to the Reactor Oversight Process, 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 Reactor Oversight Process be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020.

Additionally, in a letter (ADAMS Accession No. ML17044A004) dated February 8, 2017, pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) 50.82(a)(1)(i), you notified the NRC of your intent to permanently cease power operations at Indian Point Nuclear Generating, Units 2 and 3. Unit 2 will shut down by April 30, 2020, and Unit 3 will shut down by April 30, 2021. Therefore, the inspection schedule is tentative and may be revised. Once you formally notify the NRC in accordance with 10 CFR 50.82(a)(1)(ii) that either Unit 2 or Unit 3 is permanently shutdown and that all the nuclear fuel has been removed from the reactor vessel, then that unit will transition from NRC Inspection Manual Chapter (IMC) 0305, "Operating

Reactor Assessment Program,” and IMC 2515, “Light-Water Reactor Inspection Program – Operations Phase,” to IMC 2561, “Decommissioning Power Reactor Inspection Program.” The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

Finally, the Reactor Oversight Process and Inspection Program provides inherent flexibility to permit inspection sampling adjustments using IMC 2515, Appendix G, “Baseline Inspection Guidance for Power Reactors Preparing for Transition to Decommissioning Phase.” These adjustments are being made in order to better inform our assessment of performance during this unique period of operations prior to permanent plant shutdown. In addition, the NRC has implemented quarterly assessment reviews, consistent with the guidance contained in IMC 0305, “Operating Reactor Assessment Program,” in order to more closely monitor and review overall plant activities to assure that there are no issues emerging that might indicate a decline in focus on the safe operation of the facility.

In accordance with 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 610-337-5262 with any questions you have regarding this letter.

Sincerely,

**/RA/**

Daniel L. Schroeder, Chief  
Reactor Projects Branch 2  
Division of Reactor Projects

Docket Nos. 50-247 and 50-286  
License Nos. DPR-26 and DPR-64

Enclosure:  
Indian Point Inspection/Activity Plan

cc w/encl: Distribution via ListServ

SUBJECT: INDIAN POINT NUCLEAR GENERATING, UNITS 2 AND 3 – UPDATED  
INSPECTION PLAN (INSPECTION REPORT 05000247/2019005 AND  
05000286/2019005) DATED AUGUST 28, 2019

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# IP 22 Inspection Activity Plan Report

## Indian Point

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>IP-EP PROGRAM INSPECTION</b>						2
2, 3	06/15/2019	08/19/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
2, 3	07/15/2019	07/19/2019	IP 71114.02	000717	Alert and Notification System Testing	
2, 3	07/15/2019	07/19/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
2, 3	07/15/2019	07/19/2019	IP 71114.05	000720	Maintenance of Emergency Preparedness	
2, 3	07/15/2019	07/19/2019	IP 71151	001397	Performance Indicator Verification	
<b>PI&amp;R BIENNIAL</b>						4
2, 3	07/29/2019	08/02/2019	IP 71152B	000747	Problem Identification and Resolution	
2, 3	08/12/2019	08/16/2019	IP 71152B	000747	Problem Identification and Resolution	
<b>IP-ACCESS CONTROL, EQUIP PERF, TRAINING</b>						3
2, 3	09/09/2019	09/13/2019	IP 71130.02	000734	Access Control	
2, 3	09/09/2019	09/13/2019	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
2, 3	09/09/2019	09/13/2019	IP 71130.07	000739	Security Training	
2, 3	09/09/2019	09/13/2019	IP 71151	001338	Performance Indicator Verification	
<b>CYBER FULL IMP</b>						4
2, 3	09/16/2019	09/20/2019	IP 71130.10P	000741	Cyber Security	
2, 3	09/30/2019	10/04/2019	IP 71130.10P	000741	Cyber Security	
<b>Rad Gas &amp; Liquid Treatment (71124.06), PI's 71151 Samples PR01, OR01,</b>						1
2, 3	10/07/2019	10/11/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
<b>IP3 REQUAL INSP WITH P/F RESULTS</b>						2
3	10/13/2019	10/18/2019	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance	
3	10/13/2019	10/18/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>MC&amp;A</b>						1
2, 3	10/20/2019	10/26/2019	IP 71130.11	000742	Material Control and Accounting (MC&A)	
<b>HP Solid Waste Proc, Handling, Stor, Transp 71121.08</b>						1
2, 3	12/09/2019	12/13/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	

This report does not include INPO and OUTAGE activities.

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

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Enclosure

# IP 22 Inspection Activity Plan Report

## Indian Point

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>TI-194 Open Phase Condition Inspection - IP</b>						2
2, 3	12/16/2019	12/20/2019	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)	
<b>Occupational ALARA 71124.02</b>						1
2, 3	03/09/2020	03/13/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
<b>Rad Haz Assess Exposure Controls 71124.01</b>						1
2, 3	05/18/2020	05/22/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
<b>PROGRAM INSPECTION</b>						3
2, 3	06/08/2020	06/12/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
2, 3	06/22/2020	06/26/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
<b>Radiological Environmental Monitoring Program 71124.07</b>						1
2, 3	08/03/2020	08/07/2020	IP 71124.07	000731	Radiological Environmental Monitoring Program	
<b>IP2 Requal Inspection with P/F Results</b>						2
2	10/11/2020	10/17/2020	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance	
2	10/11/2020	10/17/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>Airbore Radioactivity, Occupational Dose Assessment, Perf. Indicators; IP's 71124.03, 04 &amp; 71151</b>						1
2, 3	10/19/2020	10/23/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
2, 3	10/19/2020	10/23/2020	IP 71124.04	000728	Occupational Dose Assessment	
<b>Access Control, Protective Strategy, TSR</b>						4
2, 3	10/19/2020	10/23/2020	IP 71130.02	000734	Access Control	
2, 3	10/19/2020	10/23/2020	IP 71130.05	000737	Protective Strategy Evaluation	
2, 3	10/19/2020	10/23/2020	IP 71130.14	000743	Review of Power Reactor Target Sets	
2, 3	10/19/2020	10/23/2020	IP 71151	001338	Performance Indicator Verification	
<b>50.59 INSPECTION</b>						3
2, 3	10/26/2020	10/30/2020	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>INDIAN POINT EXERCISE INSPECTION</b>						5
2, 3	11/16/2020	11/20/2020	IP 71114.01	000716	Exercise Evaluation	

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

## Indian Point

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>INDIAN POINT EXERCISE INSPECTION</b>						5
2, 3	11/16/2020	11/20/2020	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
2, 3	11/16/2020	11/20/2020	IP 71151	001397	Performance Indicator Verification	
<b>BIENNIAL HEAT SINK</b>						1
2, 3	01/31/2021	02/06/2021	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
<b>Radwaste</b>						1
3	03/01/2021	03/05/2021	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>Radiological Hazard Assessment and Exposure Controls 71124.01</b>						1
2, 3	05/10/2021	05/14/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	