



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

August 28, 2019

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

**SUBJECT: NINE MILE POINT NUCLEAR STATION UNITS 1 AND 2 UPDATED  
INSPECTION PLAN (INSPECTION REPORTS 05000220/2019005 AND  
05000410/2019005)**

Dear Mr. Hanson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for Nine Mile Point Nuclear Power 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.

In addition to normal baseline inspections, the NRC will be performing Inspection Procedure (IP) 71003, "Post Approval Site Inspection For License Renewal," for Nine Mile Point Unit 1, IP 60855.1, "Operation of an ISFSI Independent Spent Fuel Storage Installation at Operating Plants," and plans to conduct inspections per Temporary Instruction (TI) 2515/194, "Inspection of the Licensees' Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerabilities in Electric Power Systems," and TI 2515/193, "Inspection of the Implementation of EA-13-109: Order Modifying Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation Under Severe Accident Conditions," 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).

B. Hanson

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Please contact me at (610) 337-5120 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Erin E. Carfang, Chief  
Projects Branch 1  
Division of Reactor Projects

Docket Nos. 50-220, 50-410  
License Nos. DPR-63, NPF-69

Enclosure:  
Nine Mile Point Inspection Plan

cc: Distribution via ListServ

**SUBJECT:** NINE MILE POINT NUCLEAR STATION UNITS 1 AND 2 UPDATED  
INSPECTION PLAN (INSPECTION REPORTS 05000220/2019005 AND  
05000410/2019005) DATED AUGUST 28, 2019

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ADAMS ACCESSION NUMBER: ML19233A261

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OFFICE	RI/DRP	RI/DRP			
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OFFICIAL RECORD COPY

# IP 22 Inspection Activity Plan Report

## Nine Mile Point

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>ISFSI OPERATIONAL INSPECTION</b>						2
1, 2	07/08/2019	07/12/2019	IP 60855	001001	Operation Of An ISFSI	
1, 2	07/08/2019	07/12/2019	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
<b>Heat Sink</b>						1
1, 2	08/04/2019	08/10/2019	IP 71111.07T	000700	Heat Sink Performance	
<b>PI&amp;R BIENNIAL</b>						4
1, 2	08/12/2019	08/16/2019	IP 71152B	000747	Problem Identification and Resolution	
1, 2	08/26/2019	08/30/2019	IP 71152B	000747	Problem Identification and Resolution	
<b>RAD SAFETY 01,02,03,04</b>						1
1, 2	08/26/2019	08/30/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	08/26/2019	08/30/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	08/26/2019	08/30/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	08/26/2019	08/30/2019	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	08/26/2019	08/30/2019	IP 71151	000746	Performance Indicator Verification	
<b>RAD SAFETY REMP</b>						1
1, 2	09/16/2019	09/20/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1, 2	09/16/2019	09/20/2019	IP 71151	000746	Performance Indicator Verification	
<b>TI-193 Hardened Containment Vent</b>						3
1, 2	09/23/2019	09/27/2019	TI 2515/193	000511	Inspection of the Implementation of EA-13-109: Order Modifying Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation under Severe Accident Conditions	
<b>NMP EP EXERCISE INSPECTION</b>						5
1, 2	10/07/2019	10/11/2019	IP 71114.01	000716	Exercise Evaluation	
1, 2	10/07/2019	10/11/2019	IP 71151	001397	Performance Indicator Verification	
<b>NMP2 REQUAL INSP W/ P/F RESULTS</b>						2
1, 2	10/20/2019	10/25/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>EQ PROGRAM</b>						3
1, 2	10/21/2019	10/25/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	

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

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## Nine Mile Point

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>EQ PROGRAM</b>						3
1, 2	11/04/2019	11/08/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
<b>NMP2 INITIAL OL EXAM</b>						4
2	11/10/2019	11/16/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
2	12/08/2019	12/21/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>TI-194 Open Phase Condition Inspection-NMP</b>						2
1, 2	11/18/2019	11/22/2019	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>NMP UNIT 1 - LICENSE RENEWAL PHASE 4</b>						3
1	12/08/2019	12/14/2019	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
<b>Rad Safety Refuel</b>						1
1, 2	03/02/2020	03/06/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/02/2020	03/06/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	03/02/2020	03/06/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/02/2020	03/06/2020	IP 71124.04	000728	Occupational Dose Assessment	
<b>ISI - UNIT 2</b>						1
2	03/09/2020	03/13/2020	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
<b>Rad Safety RETS</b>						1
1, 2	05/18/2020	05/22/2020	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	05/18/2020	05/22/2020	IP 71151	000746	Performance Indicator Verification	
<b>Access Control, Equipment Testing and Maintenance, Training</b>						3
1, 2	06/01/2020	06/05/2020	IP 71130.02	000734	Access Control	
1, 2	06/01/2020	06/05/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	06/01/2020	06/05/2020	IP 71130.07	000739	Security Training	
1, 2	06/01/2020	06/05/2020	IP 71151	001338	Performance Indicator Verification	
<b>Rad Safety Inspection</b>						1
1, 2	06/08/2020	06/12/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	06/08/2020	06/12/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	

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07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Rad Safety Inspection</b>						1
1, 2	06/08/2020	06/12/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	06/08/2020	06/12/2020	IP 71124.04	000728	Occupational Dose Assessment	
<b>NMP EP PROGRAM INSPECTION</b>						1
1, 2	07/13/2020	07/17/2020	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	07/13/2020	07/17/2020	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	07/13/2020	07/17/2020	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	07/13/2020	07/17/2020	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1, 2	07/13/2020	07/17/2020	IP 71151	001397	Performance Indicator Verification	
<b>Radwaste</b>						1
1, 2	07/27/2020	07/31/2020	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>Rad Safety Instruments</b>						1
1, 2	08/02/2020	08/07/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>Rad Safety Inspection</b>						1
1, 2	10/05/2020	10/09/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/05/2020	10/09/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	10/05/2020	10/09/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	10/05/2020	10/09/2020	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	10/05/2020	10/09/2020	IP 71151	000746	Performance Indicator Verification	
<b>DESIGN BASIS ASSURANCE INSPECTION - TEAMS</b>						7
1, 2	10/19/2020	10/23/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1, 2	11/02/2020	11/06/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>NMP1 INITIAL OL EXAM</b>						4
1	11/01/2020	11/07/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	11/29/2020	12/12/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>NMP1 Requal Inspector with P/F Results</b>						2
1	11/15/2020	11/21/2020	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance	
1	11/15/2020	11/21/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	

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<b>Rad Safety Inspection</b>						1
1, 2	03/29/2021	04/02/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/29/2021	04/02/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	03/29/2021	04/02/2021	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/29/2021	04/02/2021	IP 71124.04	000728	Occupational Dose Assessment	
<b>INSERVICE INSPECTION</b>						1
1	04/04/2021	04/10/2021	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
<b>Access Control, Protective Strategy, TSR</b>						4
1, 2	05/24/2021	05/28/2021	IP 71130.02	000734	Access Control	
1, 2	05/24/2021	05/28/2021	IP 71130.05	000737	Protective Strategy Evaluation	
1, 2	05/24/2021	05/28/2021	IP 71130.14	000743	Review of Power Reactor Target Sets	
1, 2	05/24/2021	05/28/2021	IP 71151	001338	Performance Indicator Verification	
<b>MATERIAL CONTROL AND ACCOUNTABILITY</b>						1
1, 2	06/06/2021	06/12/2021	IP 71130.11	000742	Material Control and Accounting (MC&A)	
<b>Rad Safety Inspection</b>						1
1, 2	06/07/2021	06/11/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	06/07/2021	06/11/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	06/07/2021	06/11/2021	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	06/07/2021	06/11/2021	IP 71124.04	000728	Occupational Dose Assessment	