



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

August 28, 2018

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

SUBJECT: NINE MILE POINT NUCLEAR STATION LLC, UNITS 1 AND 2 UPDATED
INSPECTION PLAN: INSPECTION REPORT 05000220/2018005 AND
05000410/2018005

Dear Mr. Hanson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, for Nine Mile Point Nuclear Station LLC 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 and IP 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants," at your facility.

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 610-337-5108 with any questions you have regarding this letter.

Sincerely,

/RA/

Christopher G. Cahill, Acting Chief
Reactor Projects Branch 1
Division of Reactor Projects

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

Enclosure:
Inspection Plan

cc: Distribution via ListServ

SUBJECT: NINE MILE POINT NUCLEAR STATION LLC, UNITS 1 AND 2 UPDATED
 INSPECTION PLAN: INSPECTION REPORT 05000220/2018005 AND
 05000410/2018005 DATED AUGUST 28, 2018

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OFFICE	RI/DRP	RI/DRP			
NAME	ARosebrook	CCahill			
DATE	8/8/18	8/8/18			

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

Nine Mile Point

07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
EP PROGRAM INSPECTION						1
1, 2	07/16/2018	07/20/2018	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	07/16/2018	07/20/2018	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	07/16/2018	07/20/2018	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	07/16/2018	07/20/2018	IP 71151	001397	Performance Indicator Verification	
RADWASTE						1
1, 2	07/23/2018	07/27/2018	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
RAD INSTRUMENTATION						1
1, 2	08/06/2018	08/10/2018	IP 71124.05	000729	Radiation Monitoring Instrumentation	
TRIENNIAL FIRE PROTECTION						6
1	09/10/2018	09/14/2018	IP 71111.05T	000696	Fire Protection (Triennial)	
2	09/10/2018	09/14/2018	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
1	09/24/2018	09/28/2018	IP 71111.05T	000696	Fire Protection (Triennial)	
2	09/24/2018	09/28/2018	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
RAD SAFETY INSPECTION						1
1, 2	10/15/2018	10/19/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/15/2018	10/19/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	10/15/2018	10/19/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	10/15/2018	10/19/2018	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	10/15/2018	10/19/2018	IP 71151	000746	Performance Indicator Verification	
ACCESS CONTROL, EQUIP PERF, TRAINING						3
1, 2	10/15/2018	10/19/2018	IP 71130.02	000734	Access Control	
1, 2	10/15/2018	10/19/2018	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	10/15/2018	10/19/2018	IP 71130.07	000739	Security Training	
1, 2	10/15/2018	10/19/2018	IP 71151	001338	Performance Indicator Verification	
NMP1 REQUAL INSP W/ P/F RESULTS						2
1	10/29/2018	11/02/2018	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance (Annual)	

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Nine Mile Point

07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
NMP1 REQUAL INSP W/ P/F RESULTS						2
1	10/29/2018	11/02/2018	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
NMP1 INITIAL OL EXAM						4
1	11/05/2018	11/09/2018	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	12/03/2018	12/14/2018	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
NMP UNIT 1 - LICENSE RENEWAL PHASE 4						2
1	02/25/2019	03/01/2019	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
INSERVICE INSPECTION - UNIT 1						1
1	03/25/2019	03/29/2019	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
RAD SAFETY OUT						1
1, 2	04/01/2019	04/05/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	04/01/2019	04/05/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	04/01/2019	04/05/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	04/01/2019	04/05/2019	IP 71124.04	000729	Occupational Dose Assessment	
50.59 PROCESS						3
1, 2	04/22/2019	04/26/2019	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
RAD SAFETY 01,02,03,04						1
1, 2	05/20/2019	05/24/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	05/20/2019	05/24/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	05/20/2019	05/24/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	05/20/2019	05/24/2019	IP 71124.04	000729	Occupational Dose Assessment	
ACCESS CONTROL, PROTECTIVE STRATEGY, TSR						4
1, 2	05/20/2019	05/24/2019	IP 71130.02	000734	Access Control	
1, 2	05/20/2019	05/24/2019	IP 71130.05	000737	Protective Strategy Evaluation	
1, 2	05/20/2019	05/24/2019	IP 71130.14	000743	Review of Power Reactor Target Sets	
1, 2	05/20/2019	05/24/2019	IP 71151	001338	Performance Indicator Verification	

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07/01/2018 - 06/30/2020

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CYBER FULL IMP						2
1, 2	06/03/2019	06/07/2019	IP 71130.10P	000741	Cyber Security	
1, 2	06/17/2019	06/21/2019	IP 71130.10P	000741	Cyber Security	
ISFSI Loading Campaign Inspection						2
1, 2	07/22/2019	07/26/2019	IP 60855	001001	Operation Of An ISFSI	
1, 2	07/22/2019	07/26/2019	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
RAD SAFETY 01,02,03,04						1
1, 2	07/22/2019	07/26/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	07/22/2019	07/26/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	07/22/2019	07/26/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	07/22/2019	07/26/2019	IP 71124.04	000729	Occupational Dose Assessment	
1, 2	07/22/2019	07/26/2019	IP 71151	000746	Performance Indicator Verification	
NMP EP EXERCISE INSPECTION						5
1, 2	07/29/2019	08/02/2019	IP 71114.01	000716	Exercise Evaluation	
Heat Sink						1
1, 2	08/05/2019	08/09/2019	IP 71111.07T	000700	Heat Sink Performance -Triennial	
PI&R BIENNIAL						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	
RAD SAFETY REMP						1
1, 2	09/09/2019	09/13/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1, 2	09/09/2019	09/13/2019	IP 71151	000746	Performance Indicator Verification	
NMP2 REQUAL INSP W/ P/F RESULTS						2
2	10/21/2019	10/25/2019	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance (Annual)	
2	10/21/2019	10/25/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	

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Nine Mile Point

07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
EQ PROGRAM						3
1, 2	10/21/2019	10/25/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1, 2	11/04/2019	11/08/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
NMP2 INITIAL OL EXAM						4
2	11/11/2019	12/06/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
2	12/09/2019	12/20/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
Rad Safety Refuel						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	000729	Occupational Dose Assessment	
ISI - UNIT 2						1
2	03/09/2020	03/13/2020	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
Rad Safety RETS						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	
Access Control, Equipment Testing and Maintenance, Training						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	
Rad Safety Inspection						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	
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	000729	Occupational Dose Assessment	