



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

March 3, 2021

Mr. David P. Rhoades
Senior Vice President
Exelon Generation Company, LLC
President and Chief Nuclear Officer, Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: ANNUAL ASSESSMENT LETTER FOR R.E. GINNA NUCLEAR POWER PLANT, LLC (REPORT 05000244/2020006)

Dear Mr. Rhoades,

The NRC has completed its end-of-cycle performance assessment of R.E. Ginna Nuclear Power Plant, LLC (Ginna), reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2020 through December 31, 2020. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. The NRC concluded that overall performance at your facility preserved public health and safety. The baseline inspection program was completed at your facility as defined in Inspection Manual Chapter 2515, "Light-Water Reactor Inspection Program – Operations Phase."

The NRC determined the performance at Ginna during the most recent quarter was within the Licensee Response Column (Column 1) of the NRC's Reactor Oversight Process (ROP) Action Matrix in Inspection Manual Chapter 0305, "Operating Reactor Assessment Program," because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at Ginna.

The enclosed inspection plan lists the inspections scheduled through December 31, 2022. 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 response to the COVID-19 public health emergency (PHE), the NRC is adjusting inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the ROP. Each planned inspection is being carefully reviewed in order to determine if any portions of the inspection can be performed remotely, how best to perform on-site portions to minimize personnel health risks, and adjust inspection schedules if needed. This is done in accordance with guidance contained in the February 1, 2021 memo, "Calendar Year 2021 Inspection Guidance During COVID-19 Telework Restrictions" (ML21027A274). For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and

frequently asked questions for security and emergency preparedness can be found here: <https://www.nrc.gov/about-nrc/covid-19/security-ep/>. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE. These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance but remains subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling.

Additionally, during this period the NRC will perform inspections per Temporary Instruction (TI) 2515/194, "Inspection of the Licensee's Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerability in Electrical Power Systems (NRC Bulletin 2012-01)."

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's Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC's Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 610-337-5255 with any questions you have regarding this letter.

Sincerely,

X /RA/

Signed by: Eric D. Miller

Eric D. Miller, Acting Chief
Projects Branch 1
Division of Reactor Projects

Docket No.: 50-244
License No.: DPR-18

Enclosure:
R.E. Ginna Inspection Plan

SUBJECT: ANNUAL ASSESSMENT LETTER FOR R.E. GINNA NUCLEAR POWER PLANT, LLC (REPORT 05000244/2020006) DATED MARCH 3, 2021

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DOCUMENT NAME: <https://usnrc.sharepoint.com/teams/ROPAssessmentMeetings/Shared Documents/ROP-21 EOC Review/Branch 1/Ginna/RI 2020 Ginna Annual Assessment Letter.docx>
 ADAMS ACCESSION NUMBER: ML21060B431

X SUNSI Review		X Non-Sensitive		X Publicly Available	
OFFICE	RI/DRP	RI/DRP			
NAME	SHaney	EMiller			
DATE	2/26/21	3/3/21			

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

Ginna

01/01/2021 - 12/31/2022

Unit	Start	End	Activity	CAC	Title	Staff Count
TI-194 Open Phase Condition Inspection - Ginna						2
1	04/05/2021	04/09/2021	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)	
Radiation Safety - ALARA						1
1	04/05/2021	04/09/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Fire Protection - Ginna						3
1	05/03/2021	05/07/2021	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
1	05/17/2021	05/21/2021	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
Radiation Safety - Instrumentation						1
1	05/03/2021	05/07/2021	IP 71124.05	000729	Radiation Monitoring Instrumentation	
Radiation Safety - REMP						1
1	06/07/2021	06/11/2021	IP 71124.07	000731	Radiological Environmental Monitoring Program	
Access Control, Protective strategy, SPR, TSR						4
1	06/21/2021	06/25/2021	IP 71130.02	000734	Access Control	
1	06/21/2021	06/25/2021	IP 71130.05	000737	Protective Strategy Evaluation	
1	06/21/2021	06/25/2021	IP 71130.09	001656	Security Plan Changes	
1	06/21/2021	06/25/2021	IP 71130.14	000743	Review of Power Reactor Target Sets	
1	06/21/2021	06/25/2021	IP 71151	001338	Performance Indicator Verification	
Radiation Safety - RETS						1
1	07/12/2021	07/16/2021	IP 71124.06 - 2019	000730	2019 Radioactive Gaseous and Liquid Effluent Treatment	
EP EXERCISE INSPECTION - GINNA						5
1	08/23/2021	08/27/2021	IP 71114.01	000716	Exercise Evaluation	
1	08/23/2021	08/27/2021	IP 71151	001397	Performance Indicator Verification	
INSERVICE INSPECTION						1
1	10/10/2021	10/23/2021	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Radiation Safety - Radiation Hazards						1
1	10/25/2021	10/29/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	

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

Ginna

01/01/2021 - 12/31/2022

Unit	Start	End	Activity	CAC	Title	Staff Count
Access Authorization, FFD-GN						2
1	02/07/2022	02/11/2022	IP 71130.01	000733	Access Authorization	
1	02/07/2022	02/11/2022	IP 71130.08	000740	Fitness For Duty Program	
RADIOACTIVE SOLID WASTE PROCESSING AND RADIOACTIVE MATERIAL HANDLING, STORAGE, AND TRANSPORTATION						1
1	05/09/2022	05/13/2022	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
EP PROGRAM INSPECTION - GINNA						1
1	06/20/2022	06/24/2022	IP 71114.02	000717	Alert and Notification System Testing	
1	06/20/2022	06/24/2022	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	06/20/2022	06/24/2022	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	06/20/2022	06/24/2022	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1	06/20/2022	06/24/2022	IP 71151	001397	Performance Indicator Verification	
PI&R BIENNIAL TEAM INSPECTION - GN						4
1	07/25/2022	07/29/2022	IP 71152B	000747	Problem Identification and Resolution	
1	08/08/2022	08/12/2022	IP 71152B	000747	Problem Identification and Resolution	
FY23 Ginna Initial Licensing Examination						4
1	09/04/2022	09/09/2022	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	10/09/2022	10/21/2022	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - GN						6
1	09/26/2022	09/30/2022	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	10/17/2022	10/21/2022	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
Ginna Requal Inspection with P/F Results						2
1	10/03/2022	10/07/2022	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance	
1	10/03/2022	10/07/2022	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
Access Control, Equipment Perf, Sec Trng, SPR, PI- GN						3
1	10/03/2022	10/07/2022	IP 71130.02	000734	Access Control	
1	10/03/2022	10/07/2022	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1	10/03/2022	10/07/2022	IP 71130.07	000739	Security Training	
1	10/03/2022	10/07/2022	IP 71130.09	001656	Security Plan Changes	

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Ginna

01/01/2021 - 12/31/2022

Unit	Start	End	Activity	CAC	Title	Staff Count
Access Control, Equipment Perf, Sec Trng, SPR, PI- GN						3
1	10/03/2022	10/07/2022	IP 71151	001338	Performance Indicator Verification	
Design Basis Assurance Inspection - Teams - Ginna						6
1	11/14/2022	12/02/2022	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	