



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION I  
2100 RENAISSANCE BLVD., SUITE 100  
KING OF PRUSSIA, PA 19406-2713

March 1, 2017

Mr. Bryan C. Hanson  
Senior Vice President, Exelon Generation Company, LLC<sup>1</sup>  
President and Chief Nuclear Officer, Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR THE R.E. GINNA NUCLEAR POWER PLANT (REPORT 05000244/2016006)**

Dear Mr. Hanson:

The U.S. Nuclear Regulatory Commission (NRC) has completed its end-of-cycle performance assessment of R.E. Ginna Nuclear Power Plant (Ginna), reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2016, through December 31, 2016. 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 NRC determined the performance at Ginna during the most recent quarter was within the Regulatory Response Column, the second highest performance column of the NRC's Reactor Oversight Process (ROP) Action Matrix in Inspection Manual Chapter 0305, "Operating Reactor Assessment Program." This conclusion was based on a single inspection finding having low-to-moderate safety significance (i.e., White) in the Emergency Preparedness Cornerstone originating in the second quarter of 2016, and all PIs within the expected range (i.e., Green). This was documented in inspection report and assessment follow-up letter 05000244/2016009 (ML16262A213<sup>1</sup>) dated September 20, 2016.

On November 28, 2016, the NRC issued a supplemental inspection report (05000244/2016010) (ML16333A024) which stated that your actions to address the performance issue were acceptable and the finding was closed. However, as explained in the cover letter for that report, the finding will remain in the NRC's assessment program until April 1, 2017, at which time Ginna will transition to the Licensee Response Column unless other assessment inputs would cause a different outcome.

The enclosed inspection plan lists the inspections scheduled through December 31, 2018. 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.

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<sup>1</sup> The designation in parentheses refers to an Agencywide Documents Access and Management System (ADAMS) Accession Number. Documents referenced in this letter are publicly available using the Accession Number in ADAMS.

B. Hanson

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This inspection plan does not include the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

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 Anthony Dimitriadis, Chief Projects Branch 1 at 610-337-6953 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Michael L. Scott  
Director  
Division of Reactor Projects

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

Enclosure:  
Ginna Nuclear Power Plant  
Inspection/Activity Plan

SUBJECT: ANNUAL ASSESSMENT LETTER FOR THE R.E. GINNA NUCLEAR POWER PLANT (REPORT 05000244/2016006) DATED MARCH 1, 2017

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DOCUMENT NAME: S:\ROP Assessment Meetings\ROP-17 EOC Review\Branch 1\Ginna\Ginna 2016 Annual Assessment Letter.docx  
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OFFICIAL RECORD COPY

**Ginna**  
**Inspection / Activity Plan**  
**01/01/2017 - 12/31/2018**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>3/20EXAM - INITIAL OL EXAM</b>		<b>4</b>
1	02/20/2017	02/24/2017	U01943	FY17-GINNA INITIAL OPERATOR LICENSING EXAM	
1	03/20/2017	03/31/2017	U01943	FY17-GINNA INITIAL OPERATOR LICENSING EXAM	
			<b>HP - RADIATION SAFETY - INSTRUMENTS</b>		<b>1</b>
1	03/27/2017	03/31/2017	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>HP - RADIATION SAFETY - RAD HAZ</b>		<b>1</b>
1	05/01/2017	05/05/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	05/01/2017	05/05/2017	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>7111108P - INSERVICE INSPECTION</b>		<b>1</b>
1	05/01/2017	05/12/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>HP - RADIATION SAFETY - RETS</b>		<b>1</b>
1	05/22/2017	05/26/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			<b>7111107T - TRIENNIAL HEAT SINK</b>		<b>1</b>
1	07/24/2017	07/28/2017	IP 7111107T	Heat Sink Performance	
			<b>EP - EP EXERCISE INSPECTION</b>		<b>4</b>
1	08/21/2017	08/25/2017	IP 7111401	Exercise Evaluation	
1	08/21/2017	08/25/2017	IP 71151	Performance Indicator Verification	
			<b>7111121N - EQ PROGRAM</b>		<b>3</b>
1	08/07/2017	08/11/2017	IP 7111121N	Component Design Bases Inspection (Programs)	
1	08/21/2017	08/25/2017	IP 7111121N	Component Design Bases Inspection (Programs)	
			<b>HP - RADIATION SAFETY - REMP &amp; PIV</b>		<b>1</b>
1	09/11/2017	09/15/2017	IP 71124.07	Radiological Environmental Monitoring Program	
1	09/11/2017	09/15/2017	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	09/11/2017	09/15/2017	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			<b>50.59 - EVALS OF CHANGES, TESTS, &amp; EXPERIMENTS</b>		<b>3</b>
1	09/25/2017	09/29/2017	IP 7111117T-5059scrm	screenings and/or applicability determinations	
			<b>71152B - PI&amp;R BIENNIAL</b>		<b>1</b>
1	03/05/2018	03/09/2018	IP 71152B	Problem Identification and Resolution	
1	03/19/2018	03/23/2018	IP 71152B	Problem Identification and Resolution	
			<b>8/18EXAM - AUGUST 2018 GINNA EXAM (FY18)</b>		<b>4</b>
1	07/30/2018	08/03/2018	U01977	FY18 GINNA EXAM (AUGUST 2018)	
			<b>HP - RADIATION SAFETY - ALARA</b>		<b>1</b>
1	03/19/2018	03/23/2018	IP 71124.02	Occupational ALARA Planning and Controls	

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

**Ginna**  
**Inspection / Activity Plan**  
**01/01/2017 - 12/31/2018**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>71124.08 - RADWASTE</b>		<b>1</b>
1	04/16/2018	04/20/2018	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>7111105T - TRIENNIAL FIRE PROTECTION</b>		<b>4</b>
1	06/04/2018	06/08/2018	IP 7111105T	Fire Protection [Triennial]	
1	06/18/2018	06/22/2018	IP 7111105T	Fire Protection [Triennial]	
			<b>HP - RADIATION SAFETY - AIRBORNE</b>		<b>1</b>
1	06/25/2018	06/29/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
			<b>EP - EP PROGRAM INSPECTION</b>		<b>1</b>
1	07/30/2018	08/03/2018	IP 7111402	Alert and Notification System Testing	
1	07/30/2018	08/03/2018	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	07/30/2018	08/03/2018	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	07/30/2018	08/03/2018	IP 71151	Performance Indicator Verification	
			<b>HP - RADIATION SAFETY - DOSIMETRY</b>		<b>1</b>
1	07/23/2018	07/27/2018	IP 71124.04	Occupational Dose Assessment	
			<b>REQUAL - GINNA REQUAL INSP W/ P/F RESULTS</b>		<b>2</b>
1	12/10/2018	12/14/2018	IP 7111111A	Licensed Operator Requalification Program - Annual Review	
1	12/10/2018	12/14/2018	IP 7111111B	Licensed Operator Requalification Program	
			<b>HP - RADIATION SAFETY - RAD HAZ</b>		<b>1</b>
1	10/22/2018	10/26/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	10/22/2018	10/26/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1	10/22/2018	10/26/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/22/2018	10/26/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	10/22/2018	10/26/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			<b>U1 ISI - UNIT 1 INSERVICE INSPECTION</b>		<b>1</b>
1	10/29/2018	11/09/2018	IP 7111108P	Inservice Inspection Activities - PWR	

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