



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

September 1, 2015

Mr. Joseph E. Pacher  
Site Vice President  
R.E. Ginna Nuclear Power Plant  
Exelon Generation Company, LLC  
1503 Lake Road  
Ontario, NY 14519

**SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR R.E. GINNA NUCLEAR POWER  
PLANT (REPORT 05000244/2015005)**

Dear Mr. Pacher:

On August 12, 2015, the U.S. Nuclear Regulatory Commission (NRC) completed its mid-cycle performance review of R.E. Ginna Nuclear Power Plant (Ginna). The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2014, through June 30, 2015. 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 determined that overall, Ginna operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Ginna during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., Green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

In addition to baseline inspections, the NRC will perform Inspection Procedure 60855, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants," Inspection Procedure 92702, "Follow-up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, and Alternate Dispute Resolution Confirmatory Orders," and Temporary Instruction (TI) 2515/190, "Inspection of the Licensee's Proposed Interim Actions as a Result of the Near-term Task Force Recommendation 2.1 Flooding Reevaluation," and TI 2515/191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/Staffing/Multi-Unit Dose Assessment Plans." The enclosed inspection plan lists the inspections scheduled through June 30, 2017. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last half of the inspection plan are tentative and may be revised at the end-of-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security-related inspections, which will be sent via separate, non-publicly available correspondence.

In response to the accident at Fukushima, the Commission issued Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," which requires licensees to develop, implement, and maintain guidance and strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities following a beyond-design-basis external event. Additionally, the Commission issued Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation," which requires licensees to have a reliable means of remotely monitoring wide-range spent fuel pool levels to support effective prioritization of event mitigation and recovery actions in the event of a beyond-design-basis external event. The NRC is conducting audits of licensee efforts towards compliance with these Orders. The onsite portion of this audit has been completed at Ginna, and the information gathered will aid staff in development of the Final Safety Evaluation for the site. After the NRC staff receives the Final Compliance letter for the site, the Final Safety Evaluation will be issued. Then, as mentioned above, the NRC staff will confirm through inspections the full implementation of the orders mentioned above performing TI 2515/191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/Staffing/Multi-Unit Dose Assessment Plans."

In accordance with Title 10 of the *Code of Federal Regulations*, Part 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 component of NRC's Agencywide Documents Access and Management 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 1  
Division of Reactor Projects

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

Enclosure:  
Ginna Inspection/Activity Plan

cc w/encl: Distribution via ListServ

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DOCUMENT NAME: \\S:\ROP Assessment Meetings\ROP-16 Mid-Cycle Review\Branch 1\Mid Cycle Letters\Ginna ROP-16 MC Letter.docx  
 ADAMS Accession No. **ML15240A083**

<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
OFFICE	RI/DRP/PB1	RI/DRP/PB1			
NAME	ARosebrook/AAR	DSchroeder/DLS			
DATE	8/17/15	8/18/15			

**GINNA**  
**Inspection / Activity Plan**  
**07/01/2015 - 06/30/2017**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>71124 - RADIATION SAFETY INSPECTION - ALARA</b>		1
1	07/13/2015	07/17/2015	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>71124 - RADIATION SAFETY INSPECTION - REMP</b>		1
1	08/17/2015	08/21/2015	IP 71124.07	Radiological Environmental Monitoring Program	
			<b>TI 190 - NTTF RECOMMENDATION 2.1 FLOOD</b>		1
1	09/08/2015	09/11/2015	IP 2515/190	Inspection of Interim Actions of Near-Term Task Force Recommendation 2.1 Flooding Reevaluations	
			<b>TRI FI - TRIENNIAL FIRE PROTECTION INSPECTION</b>		4
1	09/14/2015	09/18/2015	IP 7111105T	Fire Protection [Triennial]	
1	09/28/2015	10/02/2015	IP 7111105T	Fire Protection [Triennial]	
			<b>71124 - RADIATION SAFETY INSPECTION - RAD HAZ</b>		1
1	10/19/2015	10/22/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			<b>7111108P - INSERVICE INSPECTION</b>		1
1	10/26/2015	11/06/2015	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>71124 - RADIATION SAFETY INSPECTION - HAZ PIV</b>		1
1	12/07/2015	12/11/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	12/07/2015	12/11/2015	IP 71151	Performance Indicator Verification	
			<b>BI - RADIOLOGICAL SAFETY - EXT EXPOSURE</b>		1
1	02/01/2016	02/05/2016	IP 71124.04	Occupational Dose Assessment	
			<b>71152B - PI&amp;R BIENNIAL</b>		1
1	03/14/2016	03/18/2016	IP 71152B	Problem Identification and Resolution	
1	03/28/2016	04/01/2016	IP 71152B	Problem Identification and Resolution	
			<b>BI - RADIOLOGICAL SAFETY - AIRBORNE</b>		1
1	03/21/2016	03/25/2016	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
			<b>71124.08 - RADWASTE</b>		1
1	04/11/2016	04/15/2016	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>EP - EP PROGRAM INSPECTION</b>		1
1	05/02/2016	05/06/2016	IP 7111402	Alert and Notification System Testing	
1	05/02/2016	05/06/2016	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	05/02/2016	05/06/2016	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			<b>TI-191 - FUKUSHIMA LESSONS-LEARNED</b>		1
1	05/16/2016	05/20/2016	IP 2515/191	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	
			<b>7111121 - CDBI</b>		5
1	06/13/2016	06/17/2016	IP 7111121	Component Design Bases Inspection	
1	06/27/2016	07/01/2016	IP 7111121	Component Design Bases Inspection	

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

Enclosure

**GINNA**  
**Inspection / Activity Plan**  
**07/01/2015 - 06/30/2017**

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			<b>7111121 - CDBI</b>		<b>5</b>
1	07/11/2016	07/15/2016	IP 7111121	Component Design Bases Inspection	
			<b>ISFSI - ISFSI LOADING CAMPAIGN INSPECTION</b>		<b>1</b>
1	07/11/2016	07/15/2016	IP 60855	Operation Of An ISFSI	
1	07/11/2016	07/15/2016	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			<b>BI - RADIOLOGICAL SAFETY - ALARA</b>		<b>1</b>
1	09/12/2016	09/16/2016	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>3/20EXAM - GINNA INITIAL 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>BI - RADIOLOGICAL SAFETY - RAD HAZ &amp; PIV</b>		<b>1</b>
1	10/17/2016	10/21/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	10/17/2016	10/21/2016	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	10/17/2016	10/21/2016	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			<b>7111111B - GINNA REQUAL INSP WITH P/F RESULTS</b>		<b>2</b>
1	12/12/2016	12/16/2016	IP 7111111B	Licensed Operator Requalification Program	
			<b>71124 - RADIATION SAFETY - INSTRUMENTS</b>		<b>1</b>
1	03/27/2017	03/31/2017	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>71124 - RADIATION SAFETY - RAD HAZ PIV</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 71151-OR01	Occupational Exposure Control Effectiveness	
1	05/01/2017	05/05/2017	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			<b>7111108P - INSERVICE INSPECTION</b>		<b>1</b>
1	05/01/2017	05/12/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>71124 - RADIATION SAFETY - RETS</b>		<b>1</b>
1	05/22/2017	05/26/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	

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