



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

August 31, 2016

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

SUBJECT: MID-CYCLE ASSESSMENT LETTTER FOR R.E. GINNA NUCLEAR POWER
PLANT, (REPORT 0500244/2016005)

Dear Mr. Hanson:

On August 9, 2016, 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, 2015 through June 30, 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 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.

Although plant performance was within the Licensee Response Column of the NRC's ROP Action Matrix, the NRC has not yet finalized the significance of an apparent violation, AV 05000244/2016002-01, "Incorrect Emergency Action Level Table," issued on August 18, 2016. (ML16232A05) Specifically, inaccurate EAL criteria was discovered which would have delayed or prevented the timely declaration of a General Emergency or Site Area Emergency. The final safety significance determination may affect the NRC's assessment of plant performance and the enclosed inspection plan.

The enclosed inspection plan lists the inspections scheduled through June 30, 2018. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last half of the inspection period in 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 addition to baseline inspections, the NRC will perform Temporary Instruction (TI) 2515/191,

“Inspection of the Implementation of Mitigating Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communications/Staffing/Multi-Unit Dose Assessment Plans.”

The NRC staff received the Ginna Final Compliance letter for Order EA-12-049, “Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events,” and Order EA-12-051, “Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation.” The NRC staff issued the Ginna Safety Evaluation on July 14, 2016 (ADAMS Accession No. ML16124A038), and will confirm full implementation of the orders mentioned above by performing Temporary Instruction 2515-191.

In Staff Requirements Memorandum – SECY 16-0009, “Recommendations Resulting from the Integrated Prioritization and Re-Baselining of Agency Activities,” (ADAMS Accession No. ML16104A158) the Commission approved the NRC staff recommendation to discontinue the formal mid-cycle assessment process beginning in calendar year 2017. This will be the final mid-cycle assessment letter. The staff will continue to conduct assessment reviews and communicate changes in the assessment of licensee performance quarterly, and will also issue end-of-cycle assessment letters.

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 610-337-6953 with any questions you have regarding this letter.

Sincerely,

/RA/

Anthony Dimitriadis, Chief
Projects Branch 1
Division of Reactor Projects

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

Enclosure:
Ginna Inspection Plan/Activity Plan

“Inspection of the Implementation of Mitigating Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communications/Staffing/Multi-Unit Dose Assessment Plans.”

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Distribution via email: (see next page)

DOCUMENT NAME: S:\ROP Assessment Meetings\ROP-17 Mid-Cycle Review\Branch 1\Ginna\2016 Ginna mid cycle Assessment Letter Final.docx

ADAMS ACCESSION NUMBER: **ML16242A073**

<input 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	RI/DRP			
NAME	ARosebrook	ADimitriadis			
DATE	08/23/16	08/31/16			

Letter to Mr. Bryan C. Hanson from Mr. Anthony Dimitriadis dated August 31, 2016

SUBJECT: MID-CYCLE ASSESSMENT LETTTER FOR R.E. GINNA NUCLEAR POWER PLANT, (REPORT 0500244/2016005.)

Distribution (via email):

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Ginna
Inspection / Activity Plan
07/01/2016 - 06/30/2018

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			EP - EP PROGRAM INSPECTION		1
1	07/25/2016	07/29/2016	IP 7111402	Alert and Notification System Testing	
1	07/25/2016	07/29/2016	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	07/25/2016	07/29/2016	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			BI - RADIOLOGICAL SAFETY - ALARA		1
1	09/12/2016	09/16/2016	IP 71124.02	Occupational ALARA Planning and Controls	
			3/20EXAM - INITIAL OL EXAM		4
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	
			BI - RADIOLOGICAL SAFETY - RAD HAZ & PIV		1
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	
			7111111B - GINNA REQUAL INSP WITH P/F RESULTS		2
1	12/12/2016	12/16/2016	IP 7111111B	Licensed Operator Requalification Program	
			TI-191 - FUKUSHIMA LESSONS-LEARNED		1
1	11/07/2016	11/11/2016	IP 2515/191	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	
			71124 - RADIATION SAFETY - INSTRUMENTS		1
1	03/27/2017	03/31/2017	IP 71124.05	Radiation Monitoring Instrumentation	
			71124 - RADIATION SAFETY - RAD HAZ PIV		1
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	
			7111108P - INSERVICE INSPECTION		1
1	05/01/2017	05/12/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			71124 - RADIATION SAFETY - RETS		1
1	05/22/2017	05/26/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			7111107T - TRIENNIAL HEAT SINK		1
1	07/24/2017	07/28/2017	IP 7111107T	Heat Sink Performance	
			EP - EP EXERCISE INSPECTION		4
1	08/21/2017	08/25/2017	IP 7111401	Exercise Evaluation	
1	08/21/2017	08/25/2017	IP 71151	Performance Indicator Verification	
			7111117T - PERMANENT PLANT MODIFICATIONS		3
1	08/07/2017	08/11/2017	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	

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

Ginna
Inspection / Activity Plan
07/01/2016 - 06/30/2018

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			711117T - PERMANENT PLANT MODIFICATIONS		3
1	08/21/2017	08/25/2017	IP 711117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			71124 - RADIATION SAFETY - REMP		1
1	09/11/2017	09/15/2017	IP 71124.07	Radiological Environmental Monitoring Program	
			71152B - PI&R BIENNIAL		1
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	
			HP - ALARA		1
1	04/02/2018	04/06/2018	IP 71124.02	Occupational ALARA Planning and Controls	
			71124.08 - RADWASTE		1
1	04/16/2018	04/20/2018	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			HP - RAD HAZARD		1
1	04/23/2018	04/27/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			7111105T - TRIENNIAL FIRE PROTECTION		4
1	06/04/2018	06/08/2018	IP 7111105T	Fire Protection [Triennial]	
1	06/18/2018	06/22/2018	IP 7111105T	Fire Protection [Triennial]	
			HP - RAD AIRBORNE		1
1	06/25/2018	06/29/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	

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