



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I**  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

March 5, 2012

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

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR R. E. GINNA NUCLEAR POWER  
PLANT (REPORT 05000244/2011001)**

Dear Mr. Pacher:

On February 15, 2012, the U. S. Nuclear Regulatory Commission (NRC) completed its end-of-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 January 1, 2011 through December 31, 2011. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

The NRC determined that overall, Ginna operated in a manner that preserved public health and safety and met all cornerstone objectives. Ginna was in the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix until the most recent quarter, due to a White PI in the Mitigating Systems Cornerstone, Heat Removal Systems, related to reliability issues associated with the auxiliary feedwater (AFW) system, specifically the turbine-driven AFW pump. This PI returned to Green in the fourth quarter 2011. The NRC determined the performance at Ginna during the most recent quarter was within the Licensee Response Column because all inspection findings had very low (i.e., green) safety significance, all PIs indicated that your performance was within the nominal, expected range (i.e., green), and a supplemental inspection was successfully completed for the White PI in 2010. Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through June 30, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-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.

In accordance with 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 the 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 Glenn Dentel at (610) 337-5233 with any questions you have regarding this letter.

Sincerely,

***/RA/***

John R. Tappert, Acting Director  
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-12 EOC Review\Branch 1\Ginna\GINNA EOC LTR 2012.docx  
ADAMS ACCESSION NUMBER: **ML12061A275**

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OFFICIAL RECORD COPY

## Ginna

## Inspection / Activity Plan

01/01/2012 - 06/30/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1	01/30/2012	02/03/2012	<b>TI-177</b>	<b>- MANAGING GAS ACCUMULATION IN ECCS</b>	2
			IP 2515/177	Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	
1	03/12/2012	03/16/2012	<b>71124</b>	<b>- RADIATION SAFETY INSPECTION</b>	1
			IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	03/12/2012	03/16/2012	IP 71124.02	Occupational ALARA Planning and Controls	
1	04/01/2012	09/30/2012	<b>ISFSI</b>	<b>- ISFSI LOADING</b>	1
			IP 60855	Operation Of An ISFSI	
1	04/09/2012	04/13/2012	<b>71152B</b>	<b>- PI&amp;R</b>	4
			IP 71152B	Problem Identification and Resolution	
1	04/23/2012	04/27/2012	IP 71152B	Problem Identification and Resolution	
1	04/16/2012	04/20/2012	<b>71124</b>	<b>- RADWASTE</b>	1
			IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1	09/03/2012	09/07/2012	<b>10/1EXM</b>	<b>- GINNA INITIAL EXAM</b>	4
			U01857	FY13-GINNA INITIAL OPERATOR LICENSING EXAM	
1	10/01/2012	10/05/2012	U01857	FY13-GINNA INITIAL OPERATOR LICENSING EXAM	
1	06/04/2012	06/08/2012	<b>TI 182</b>	<b>- DEGRADATION OF UNDERGROUND PIPING</b>	1
			IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
1	07/16/2012	07/20/2012	<b>71124</b>	<b>- RADIATION SAFETY INSPECTION</b>	1
			IP 71124.05	Radiation Monitoring Instrumentation	
1	07/16/2012	07/20/2012	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	09/10/2012	09/14/2012	<b>TRI FI</b>	<b>- TRIENNIAL FIRE PROTECTION INSPECTION</b>	7
			IP 7111105P	Fire Protection-NFPA 805 Transition Period [Triennial]	
1	09/24/2012	09/28/2012	IP 7111105P	Fire Protection-NFPA 805 Transition Period [Triennial]	
1	09/10/2012	09/14/2012	<b>71124</b>	<b>- RADIATION SAFETY INSPECTION</b>	1
			IP 2515/185	Follow-up on the Industry's Ground Water Protection Initiative	
1	09/10/2012	09/14/2012	IP 71124.05	Radiation Monitoring Instrumentation	
1	09/10/2012	09/14/2012	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	09/17/2012	09/21/2012	<b>EP PROGR</b>	<b>- EP PROGRAM INSPECTION</b>	1
			IP 7111402	Alert and Notification System Testing	
1	09/17/2012	09/21/2012	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	09/17/2012	09/21/2012	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1	09/17/2012	09/21/2012	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	

## Ginna

## Inspection / Activity Plan

01/01/2012 - 06/30/2013

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		<b>TI-185</b>	<b>- FOLLOW-UP TO GROUND WATER PROTECTION</b>	
1	09/10/2012 09/14/2012	IP 2515/185	Follow-up on the Industry's Ground Water Protection Initiative	1
		<b>7111111B</b>	<b>- GINNA ON-SITE RQL INSP W/ P/F RESULTS</b>	
1	11/12/2012 11/16/2012	IP 7111111B	Licensed Operator Requalification Program	2
		<b>71124</b>	<b>- RADIATION SAFETY INSPECTION</b>	
1	10/22/2012 10/26/2012	IP 60855	Operation Of An ISFSI	1
1	10/22/2012 10/26/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	10/22/2012 10/26/2012	IP 71124.02	Occupational ALARA Planning and Controls	
1	10/22/2012 10/26/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/22/2012 10/26/2012	IP 71124.04	Occupational Dose Assessment	
1	10/22/2012 10/26/2012	IP 71151-OR01	Occupational Exposure Control Effectiveness	
		<b>7111108P</b>	<b>- INSERVICE INSPECTION</b>	
1	10/22/2012 11/02/2012	IP 7111108P	Inservice Inspection Activities - PWR	1
		<b>71124</b>	<b>- RADIATION SAFETY INSPECTION</b>	
1	03/11/2013 03/15/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	1
1	03/11/2013 03/15/2013	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.