



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

September 1, 2010

Mr. John T. Carlin  
Vice President R. E. Ginna Nuclear Power Plant  
R. E. Ginna Nuclear Power Plant, LLC  
1503 Lake Road  
Ontario, NY 14519

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN – R. E.  
GINNA NUCLEAR POWER PLANT

Dear Mr. Carlin:

On August 10, 2010, the Nuclear Regulatory Commission (NRC) staff completed its performance review of the R. E. Ginna Nuclear Power Plant (Ginna). Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from July 1, 2009, through June 30, 2010. The purpose of this letter is to inform you of the results of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only--Security Information" will include the security cornerstone review and resultant inspection plan.

Safety performance at Ginna for the most recent quarter was within the Degraded Cornerstone column of the NRC's Action matrix, based on two findings having low to moderate safety significance (White) and one White Performance (PI) in the Mitigating Systems Cornerstone. The first White finding, originating in the first quarter 2009, was related to inadequate implementation of a preventive maintenance program for the turbine-driven auxiliary feedwater (TDAFW) pump governor. The second White finding, originating in the fourth quarter 2009, was related to inadequate corrective actions which led to binding of the governor control valve and failure of the same TDAFW pump. The White PI was related to exceeding the White significance threshold for the Mitigating Systems Performance Index (MSPI), Heat Removal Systems PI, in the third quarter 2009, due to the reliability issues associated with auxiliary feedwater system and specifically, the TDAFW pump.

On July 23, 2010, we completed a supplemental inspection pursuant to Inspection Procedure 95002, "Inspection for One Degraded Cornerstone or Any Three White Inputs In a Strategic Performance Area." This inspection was conducted to provide assurance that the root and contributing causes for the risk significant performance issues (White findings and White PI) are understood, to independently assess the extent of condition, to independently determine if safety culture components contributed to the performance issues, and to provide assurance that the corrective actions are sufficient to prevent recurrence. The public exit meeting and the regulatory performance meeting for the supplemental inspection were conducted on August 4, 2010, and the report was issued on August 31, 2010. Based on the results of the 95002 inspection, the NRC did not identify any findings of significance and determined that all of the 95002 objectives were satisfied. Therefore, based on these results, Ginna returned to the Regulatory Response Column of the NRC's Action Matrix in the third quarter of 2010.

J. Carlin

2

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through December 31, 2011. In addition to the baseline inspections, we plan on conducting independent spent fuel storage installation inspections. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made 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).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact Glenn Dentel of my staff at 610-337-5233 with any questions you may have regarding this letter or the inspection plan.

Sincerely,



Marc L. Dapas  
Acting Regional Administrator  
Region I

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

Enclosure Ginna Inspection / Activity Plan

cc w/encl: Distribution via ListServ

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through December 31, 2011. In addition to the baseline inspections, we plan on conducting independent spent fuel storage installation inspections. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made 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).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact Glenn Dentel of my staff at 610-337-5233 with any questions you may have regarding this letter or the inspection plan.

Sincerely,  
/RA/  
Marc L. Dapas  
Acting Regional Administrator  
Region I

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

Enclosure Ginna Inspection / Activity Plan

Distribution w/encl:(via E-mail)

M. Dapas, Acting RA  
D. Lew, Acting DRA  
J. Clifford, DRP  
D. Collins, DRP  
D. Roberts, DRS  
P. Wilson, DRS  
L. Trocine, RI OEDO  
G. Dentel, DRP  
N. Perry, DRP

J. Hawkins, DRP  
G. Hunegs, DRP, SRI  
L. Casey, DRP, RI  
M. Rose, DRP, OA  
D. Bearde, DRS  
RidsNrrPMREginna Resource  
RidsNrrDorLpl1-1 Resource  
RidsNrrDirslpabResource@nrc.gov  
ROPreportsResource@nrc.gov

DRS Branch Chiefs (6)  
D. Scenci, PAO,  
N. Sheehan, PAO  
R. Barkley, ORA  
N. McNamara, SLO  
D. Tiff, SLO  
A. Klett, NRR

SUNSI Review Complete:     JRH     (Reviewer's Initials)

**ML102440199**

DOCUMENT NAME: S:\ROP-11 Mid-Cycle Review\Branch 1\Ginna MC LTR.doc

After declaring this document "An Official Agency Record" it **will** be released to the Public.

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	RI/DRP	RI/DRP	RI/DRP	RI/ORA
NAME	NPerry/JHawkins for	GDentel/GTD	JClifford/JWC	MDapas/MLD
DATE	08/ 24 /10	08/24 /10	08/ 30 /10	08/30 /10

OFFICIAL RECORD COPY

**GINNA**  
**Inspection / Activity Plan**  
**08/01/2010 - 12/31/2011**

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			<b>ISFSI</b>	<b>- ISFSI DRY RUN AND INITIAL LOADING</b>	<b>8</b>
1	08/02/2010	08/27/2010	IP 60854	Preoperational Testing Of An ISFSI	
1	08/02/2010	08/27/2010	IP 60855	Operation Of An ISFSI	
			<b>711111B</b>	<b>- REQUAL INSP W/ P/F RESULTS</b>	<b>3</b>
1	11/08/2010	11/12/2010	IP 7111111B	Licensed Operator Requalification Program	
			<b>TI179</b>	<b>- 2515/TI179 NSTS VERIFICATION</b>	<b>1</b>
1	09/20/2010	10/08/2010	IP 2515/179	Verification of Licensee Responses to NRC Requirement for Inventories of Materials Tracked in NSTS	
			<b>71124</b>	<b>- RAD SAFETY - RAD HAZZARD ASSESS/ALARA</b>	<b>1</b>
1	09/27/2010	10/01/2010	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	09/27/2010	10/01/2010	IP 71124.02	Occupational ALARA Planning and Controls	
1	09/27/2010	10/01/2010	IP 71151	Performance Indicator Verification	
			<b>CDBI</b>	<b>- COMPONENT DESIGN BASES INSPECTION</b>	<b>7</b>
1	10/18/2010	10/22/2010	IP 7111121	Component Design Bases Inspection	
1	11/01/2010	11/12/2010	IP 7111121	Component Design Bases Inspection	
			<b>71124.05</b>	<b>- RAD INSTRUMENTATION</b>	<b>1</b>
1	01/10/2011	01/14/2011	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>71124.01</b>	<b>- RAD HAZZARD ASSESS, ALARA, AIR, DOSE</b>	<b>1</b>
1	03/28/2011	04/01/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	03/28/2011	04/01/2011	IP 71124.02	Occupational ALARA Planning and Controls	
1	03/28/2011	04/01/2011	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	03/28/2011	04/01/2011	IP 71124.04	Occupational Dose Assessment	
1	03/28/2011	04/01/2011	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>TI-177</b>	<b>- MANAGING GAS ACCUMULATION IN ECCS</b>	<b>2</b>
1	04/04/2011	04/08/2011	IP 2515/177	Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal & Containment Spray System	
			<b>7111108P</b>	<b>- INSERVICE INSPECTION</b>	<b>1</b>
1	05/09/2011	05/20/2011	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>71124.01</b>	<b>- RAD HAZZARD ASSESS, ALARA, AIR, DOSE</b>	<b>1</b>
1	05/09/2011	05/27/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	05/09/2011	05/27/2011	IP 71124.02	Occupational ALARA Planning and Controls	
1	05/09/2011	05/27/2011	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	05/09/2011	05/27/2011	IP 71124.04	Occupational Dose Assessment	
1	05/09/2011	05/27/2011	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>71124.06</b>	<b>- RETS</b>	<b>1</b>
1	09/12/2011	09/16/2011	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
1	09/12/2011	09/16/2011	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	

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

Ginna  
 Inspection / Activity Plan  
 08/01/2010 - 12/31/2011

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		<b>71124.06 - RETS</b>		<b>1</b>
1	09/12/2011 09/16/2011	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	09/12/2011 09/16/2011	IP 71151-PR01	RETS/ODCM Radiological Effluent	
		<b>7111107T - TRIENNIAL HEAT SINK</b>		<b>1</b>
1	09/19/2011 09/23/2011	IP 7111107T	Heat Sink Performance	
		<b>7111117 - PERMANENT PLANT MODIFICATIONS</b>		<b>3</b>
1	10/03/2011 10/07/2011	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1	10/17/2011 10/21/2011	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
		<b>EP EX - EP EXERCISE EVALUATION</b>		<b>4</b>
1	10/24/2011 10/28/2011	IP 7111401	Exercise Evaluation	
1	10/24/2011 10/28/2011	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1	10/24/2011 10/28/2011	IP 71151-EP01	Drill/Exercise Performance	
1	10/24/2011 10/28/2011	IP 71151-EP02	ERO Drill Participation	
1	10/24/2011 10/28/2011	IP 71151-EP03	Alert & Notification System	

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