



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

March 3, 2008

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: ANNUAL ASSESSMENT LETTER - R. E. GINNA NUCLEAR POWER PLANT
(REPORT 05000244/2008001)**

Dear Mr. Carlin:

On February 12, 2008, the U.S. Nuclear Regulatory Commission (NRC) staff completed its performance review of 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 January 1 through December 31, 2007. The purpose of this letter is to inform you 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.

Overall, Ginna operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter for Ginna was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green).

While plant performance for the most recent quarter was within the Licensee Response column of the Action Matrix, Ginna was within the Degraded Cornerstone column for the 1st quarter of 2007 due to one Yellow Emergency Preparedness PI. Specifically, the Emergency Response Organization (ERO) Drill Participation PI crossed the Yellow threshold during the 1st quarter of 2007, when Ginna staff determined that control room communicators, a key ERO position, did not receive the required drill or exercise opportunity after qualification. The ERO PI rating returned to Green in the 2nd quarter of 2007. The NRC has completed a supplemental inspection in accordance with inspection procedure 95002. The results of that inspection, conducted the weeks of January 28 and February 18, 2008, will be provided in NRC Supplemental Inspection Report 05000244/2008502. Based on the PI rating returning to Green, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through June 30, 2009. In addition to baseline inspections, we plan on conducting an independent spent fuel storage installation (ISFSI) inspection and license renewal

commitments inspection. 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 mid-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 the results of the supplemental inspection, or any other circumstances, cause us to change the 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/

Samuel J. Collins
Regional Administrator

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

cc w/encl:

M. J. Wallace, President, Constellation Energy Nuclear Group, LLC
J. M. Heffley, Senior Vice President and Chief Nuclear Officer
P. Eddy, Electric Division, NYS Department of Public Service
C. Donaldson, Esquire, Assistant Attorney General, New York Department of Law
C. W. Fleming, Esquire, Senior Counsel, Constellation Energy Group, Inc.
B. Weaver, Director, Licensing, Constellation Energy Nuclear Group, LLC
P. Tonko, President and CEO, New York State Energy Research and Development Authority
J. Spath, Program Director, New York State Energy Research and Development Authority
G. Bastedo, Director, Wayne County Emergency Management Office
M. Meisenzahl, Administrator, Monroe County, Office of Emergency Preparedness
T. Judson, Central New York Citizens Awareness Network
Institute of Nuclear Power

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- C. Donaldson, Esquire, Assistant Attorney General, New York Department of Law
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SUNSI Review Complete: BAB (Reviewer's Initials)

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|--------|----------------|--------------|-----------|--------------|
| OFFICE | RI/DRP | RI/DRP | RI/DRP | ORA |
| NAME | *BBickett/BAB4 | *GDentel/GTD | *DLew/DCL | SCollins/SJC |
| DATE | 02/25/08 | 02/25/08 | 02/28/08 | 02/29/08 |

OFFICIAL RECORD COPY

*see previous concurrence page

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Ginna
Inspection / Activity Plan
01/01/2008 - 06/30/2009

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates Start | Planned Dates End | Inspection Type |
|-------------|---------------------|--|----------------------|---------------------|-------------------|--------------------------|
| | 95002 | - 95002 SUPPLEMENTAL INSP FOR EP PI | 3 | | | |
| 1 | IP 95002 | Inspection For One Degraded Cornerstone Or Any Three White Inputs In A Strategic Performance | | 01/28/2008 | 02/01/2008 | EP Supplemental Inspe |
| 1 | IP 95002 | Inspection For One Degraded Cornerstone Or Any Three White Inputs In A Strategic Performance | | 02/18/2008 | 02/22/2008 | EP Supplemental Inspe |
| | ISFSI | - ISFSI INSPECTION | 1 | | | |
| 1 | IP 60855.1 | Operation of an Independent Spent Fuel Storage Installation at Operating Plants | | 01/28/2008 | 10/31/2008 | Other Routine |
| | 71121 | - OCC RAD SAFETY | 1 | | | |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 02/11/2008 | 02/15/2008 | Baseline Inspections |
| 1 | IP 7112102 | ALARA Planning and Controls | | 02/11/2008 | 02/15/2008 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 02/11/2008 | 02/15/2008 | Baseline Inspections |
| | 711108P | - INSERVICE INSPECTION | 1 | | | |
| 1 | IP 7111108P | Inservice Inspection Activities - PWR | | 04/21/2008 | 04/25/2008 | Baseline Inspections |
| | TI-172 | - TI-172 RCS DISSIMILIAR METAL WELDS | 1 | | | |
| 1 | IP 2515/172 | Reactor Coolant System Dissimilar Metal Butt Welds | | 04/21/2008 | 04/25/2008 | Generic Safety Inspectio |
| | 711108P | - INSERVICE INSPECTION | 1 | | | |
| 1 | IP 7111108P | Inservice Inspection Activities - PWR | | 04/28/2008 | 05/02/2008 | Baseline Inspections |
| | LR | - LR COMMITMENTS | 3 | | | |
| 1 | IP 71003 | Post-Approval Site Inspection for License Renewal | | 04/28/2008 | 05/02/2008 | License Renewal Inspe |
| | 8/25 EXM | - INITIAL OPERATOR LICENSING EXAM | 5 | | | |
| 1 | U01687 | FY08 - GINNA INITIAL OPERATOR EXAM | | 07/14/2008 | 07/18/2008 | Not Applicable |
| 1 | U01687 | FY08 - GINNA INITIAL OPERATOR EXAM | | 08/25/2008 | 09/05/2008 | Not Applicable |
| | 71121 | - OCC RAD SAFETY | 1 | | | |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 04/28/2008 | 05/02/2008 | Baseline Inspections |
| 1 | IP 7112102 | ALARA Planning and Controls | | 04/28/2008 | 05/02/2008 | Baseline Inspections |
| 1 | IP 7112103 | Radiation Monitoring Instrumentation and Protective Equipment | | 04/28/2008 | 05/02/2008 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 04/28/2008 | 05/02/2008 | Baseline Inspections |
| | TI-166 | - CONTAINMENT SUMP MODIFICATIONS | 1 | | | |
| 1 | IP 2515/166 | Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02] | | 04/28/2008 | 05/02/2008 | Safety Issues |
| | MODS | - PERMANENT PLANT MODIFICATIONS | 4 | | | |
| 1 | IP 7111117B | Evaluations of Changes, Tests, or Experiments & Permanent Plant Modifications | | 06/09/2008 | 06/13/2008 | Baseline Inspections |
| 1 | IP 7111117B | Evaluations of Changes, Tests, or Experiments & Permanent Plant Modifications | | 06/23/2008 | 06/27/2008 | Baseline Inspections |
| | EP | - EP PROGRAM INSPECTION | 2 | | | |
| 1 | IP 7111402 | Alert and Notification System Testing | | 06/02/2008 | 06/06/2008 | EP Baseline Inspection |
| 1 | IP 7111403 | Emergency Response Organization Augmentation Testing | | 06/02/2008 | 06/06/2008 | EP Baseline Inspection |
| 1 | IP 7111404 | Emergency Action Level and Emergency Plan Changes | | 06/02/2008 | 06/06/2008 | EP Baseline Inspection |
| 1 | IP 7111405 | Correction of Emergency Preparedness Weaknesses and Deficiencies | | 06/02/2008 | 06/06/2008 | EP Baseline Inspection |

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| | EP - EP PROGRAM INSPECTION | | 2 | | | |
| 1 | IP 71151-EP01 | Drill/Exercise Performance | | 06/02/2008 | 06/06/2008 | Baseline Inspections |
| 1 | IP 71151-EP02 | ERO Drill Participation | | 06/02/2008 | 06/06/2008 | Baseline Inspections |
| 1 | IP 71151-EP03 | Alert & Notification System | | 06/02/2008 | 06/06/2008 | Baseline Inspections |
| | 7111107B - HEAT SINK INSP | | 1 | | | |
| 1 | IP 7111107B | Heat Sink Performance | | 07/21/2008 | 07/25/2008 | Baseline Inspections |
| | 7112202 - PUB RAD SAFETY - RADWASTE | | 1 | | | |
| 1 | IP 7112202 | Radioactive Material Processing and Transportation | | 07/21/2008 | 07/25/2008 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 07/21/2008 | 07/25/2008 | Baseline Inspections |
| | 71152B - PI&R | | 4 | | | |
| 1 | IP 71152B | Identification and Resolution of Problems | | 09/08/2008 | 09/12/2008 | Baseline Inspections |
| 1 | IP 71152B | Identification and Resolution of Problems | | 09/22/2008 | 09/26/2008 | Baseline Inspections |
| | 7112203 - PUB RAD SAFETY - REMP | | 1 | | | |
| 1 | IP 7112203 | Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program | | 09/15/2008 | 09/19/2008 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 09/15/2008 | 09/19/2008 | Baseline Inspections |
| | 71121 - OCC RAD SAFETY | | 1 | | | |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 11/17/2008 | 11/21/2008 | Baseline Inspections |
| 1 | IP 7112102 | ALARA Planning and Controls | | 11/17/2008 | 11/21/2008 | Baseline Inspections |
| 1 | IP 7112103 | Radiation Monitoring Instrumentation and Protective Equipment | | 11/17/2008 | 11/21/2008 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 11/17/2008 | 11/21/2008 | Baseline Inspections |
| | TI 171 - TI 171 | | 3 | | | |
| 1 | IP 2515/171 | Verification of Site Specific Implementation Of B.5.b Phase 2 & 3 Mitigating Strategies | | 11/17/2008 | 11/21/2008 | Generic Safety Inspectio |
| | 7111111B - BIENNIAL REQUAL INSPECTION | | 3 | | | |
| 1 | IP 7111111B | Licensed Operator Requalification Program | | 01/12/2009 | 01/16/2009 | Baseline Inspections |
| | 71121 - OCC RAD SAFETY | | 1 | | | |
| 1 | IP 7112101 | Access Control to Radiologically Significant Areas | | 02/16/2009 | 02/20/2009 | Baseline Inspections |
| 1 | IP 7112102 | ALARA Planning and Controls | | 02/16/2009 | 02/20/2009 | Baseline Inspections |
| 1 | IP 7112103 | Radiation Monitoring Instrumentation and Protective Equipment | | 02/16/2009 | 02/20/2009 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 02/16/2009 | 02/20/2009 | Baseline Inspections |
| | 7112103 - OCC RAD SAFETY - INSTRUMENTS | | 1 | | | |
| 1 | IP 7112103 | Radiation Monitoring Instrumentation and Protective Equipment | | 04/13/2009 | 04/17/2009 | Baseline Inspections |
| | EP EXER - EP EXERCISE INSPECTION & PI VERIFICATION | | 2 | | | |
| 1 | IP 7111401 | Exercise Evaluation | | 05/03/2009 | 05/09/2009 | EP Baseline Inspection |
| 1 | IP 7111404 | Emergency Action Level and Emergency Plan Changes | | 05/03/2009 | 05/09/2009 | EP Baseline Inspection |
| 1 | IP 71151 | Performance Indicator Verification | | 05/03/2009 | 05/09/2009 | Baseline Inspections |

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|-------------|---------------------|--|----------------------|---------------------|-------------------|----------------------|
| | 7112201 | - PUB RAD SAFETY - RETS | 1 | | | |
| 1 | IP 7112201 | Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems | | 05/25/2009 | 05/29/2009 | Baseline Inspections |
| 1 | IP 71151 | Performance Indicator Verification | | 05/25/2009 | 05/29/2009 | Baseline Inspections |