



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
475 ALLENDALE RD, STE 102  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

June 9, 2022

Mr. David P. Rhoades  
Senior Vice President  
Constellation Energy Generation, LLC  
President and Chief Nuclear Officer (CNO)  
Constellation Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: R.E. GINNA NUCLEAR POWER PLANT, LLC – REQUEST FOR  
INFORMATION FOR A BIENNIAL PROBLEM IDENTIFICATION AND  
RESOLUTION INSPECTION; INSPECTION REPORT 05000244/2022010

Dear Mr. Rhoades:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) Region I staff will conduct a biennial problem identification and resolution inspection at R.E. Ginna Nuclear Power Plant, LLC. Niklas Floyd, a Senior Reactor Inspector from the NRC's Region I office, will lead the inspection team. The inspection will be conducted in accordance with Inspection Procedure 71152, "Problem Identification and Resolution," dated December 14, 2021 (ADAMS Accession No. ML21281A181).

The inspection will assess the effectiveness of your problem identification and resolution (PI&R) program in identifying, prioritizing, evaluating, and correcting problems, including the use of operating experience, assessments, and audits. This inspection will also assess your program for raising concerns under the established safety conscious work environment.

The onsite inspection is scheduled for the weeks of July 25 and August 8, 2022.

In order to minimize the inspection impact on the site and to ensure a productive inspection for both parties, we have enclosed a request for information needed for the inspection. It is important that all of these documents are up-to-date and complete in order to minimize the number of additional documents requested during the preparation and/or the onsite portions of the inspection. Insofar as possible, this information should be provided electronically to the lead inspector by July 7, 2022.

If there are any questions about the inspection or the material requested in the enclosure, please contact the lead inspector at 610-337-5282 or via e-mail at [Niklas.Floyd@nrc.gov](mailto:Niklas.Floyd@nrc.gov).

This letter does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget, Control Number 3150-0011. The NRC may not conduct or sponsor, and a person is not required to respond to,

a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget Control Number.

This letter and its enclosure will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations*, Part 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

Erin E. Carfang, Chief  
Projects Branch 1  
Division of Operating Reactor Safety

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

Enclosure:  
Request for Information for Biennial  
Problem Identification and Resolution

cc: Distribution via ListServ

SUBJECT: R.E. GINNA NUCLEAR POWER PLANT, LLC – REQUEST FOR INFORMATION FOR A BIENNIAL PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION; INSPECTION REPORT 05000244/2022010 DATED JUNE 9, 2022

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DOCUMENT NAME: <https://usnrc.sharepoint.com/teams/Region-I-EB1/Inspections/Ginna - Biennial PI&R/GN 2022 PIR Document Request.docx>

**ADAMS ACCESSION NUMBER: ML22160A396**

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| <input checked="" type="checkbox"/> SUNSI Review |         | <input checked="" type="checkbox"/> Non-Sensitive<br><input type="checkbox"/> Sensitive |  | <input checked="" type="checkbox"/> Publicly Available<br><input type="checkbox"/> Non-Publicly Available |  |
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| NAME   | NFloyd  | ECarfang  |  |   |  |
| DATE   | 6/9/22  | 6/9/22  |  |   |  |

OFFICIAL RECORD COPY

**REQUEST FOR INFORMATION  
BIENNIAL PROBLEM IDENTIFICATION AND RESOLUTION**

**Inspection Report:** 05000244/2022010

**Onsite Inspection Dates:** July 25, through July 29, 2022; and  
August 8, through August 12, 2022

**Inspection Procedure:** 71152, Problem Identification and Resolution,  
dated December 14, 2021

**Lead Inspector:** Niklas Floyd, Senior Reactor Inspector  
610-337-5282  
[Niklas.Floyd@nrc.gov](mailto:Niklas.Floyd@nrc.gov)

The following information is requested by July 7, 2022, or sooner, to facilitate inspection preparation. The requested information is for the period from **March 5, 2020 through July 25, 2022 (Present)**, which covers the timeframe since the previous problem identification and resolution (PI&R) inspection. The inspection procedure also specifies a five-year review for a subset of selected program, system, or component issues. The selected samples for this five-year review will be provided at a future date.

A bagman trip is currently scheduled for July 11 and 12, 2022. The purpose of this trip is for the team lead to familiarize their self with the site organization including meetings with department managers and overview of the corrective action program and to finalize remaining administrative arrangements for the inspection.

Feel free to contact the lead inspector as soon as possible if you have any questions regarding this information request. Please provide the information electronically in 'pdf' files, Excel, or other searchable formats, preferably on an internet database system (e.g., OneDrive) or portable electronic media (e.g., CD-ROM, DVD, etc.). The files should contain descriptive names, be indexed, and hyperlinked to facilitate ease of use. Information in "lists" should contain enough information to be easily understood by someone who has knowledge of light water reactor technology.

**I. General**

1. Organization charts, phone list, and list of system engineers
2. List of system numbers/designations and a list of system engineers assigned to those systems.
3. Access to a hardcopy set of system prints (P&IDs) and operator training manuals for the team room. These will be returned at the end of the inspection.
4. Final Safety Analysis Report (FSAR), Technical Specifications (TS), and Technical Requirements Manual (TRM) including the bases. Please provide electronically, with one consolidated file for each of the FSAR, TS, and TRM.
5. Copy of the Quality Assurance Manual and Quality Assurance Topical Report.
6. A schedule of the date/time/location of meetings associated with implementation of the correction action program such as Plan-of-the-Day, Station Ownership Committee (SOC), Management Review Committee (MRC), etc.

Enclosure

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**BIENNIAL PROBLEM IDENTIFICATION AND RESOLUTION**

7. PRA risk-ranking of systems, including a chart with highest risk systems/components.

**II. Corrective Actions**

1. Copy of procedures related to the corrective action program, including issue identification, cause evaluations, corrective actions, trending, self-assessments, audits, operability determinations, work management, operating experience, etc.
2. List of all corrective action program deficiency reports (IRs, ARs, etc.) **initiated after** March 5, 2020 (last PI&R inspection) – in electronic spreadsheet format – include the following (as applicable): system number/designation, date initiated, significance level, status (open or closed), title/short description, department, date closed or due, and if possible, the number of due date extensions.
3. Separate list of all corrective action program documents (IRs, ARs, etc.) **initiated before** March 5, 2020 (last PI&R inspection) that remain open – in electronic spreadsheet format – include the following (as applicable): system number/designation, date initiated, significance level, status (open or closed), title/short description, department, date closed or due, and if possible, the number of due date extensions.
4. List of all root cause evaluations (RCE), apparent cause evaluations (ACE), common cause evaluations (CCE), and work group evaluations (WGE), performed after March 5, 2020 (last PI&R inspection) – include number, title, eval type, and date completed.
5. Matrix of the total number of condition report IRs generated annually and monthly for all of 2020 and 2021, and to date for 2022 by department.
6. For all notice of violations (NOVs), non-cited violations (NCVs), and findings (FIN) issued since March 5, 2020 (last PI&R inspection) – provide copies of the associated IRs including all supporting information such as closeout documentation.
7. For all licensee event reports (LERs) issued since March 5, 2020 (last PI&R inspection) – provide copies of the associated IRs including all supporting information such as closeout documentation.
8. List of open temporary modifications, operability determinations, control room deficiencies and operator workarounds\challenges, and adverse condition monitoring plans – in electronic spreadsheet format – include tracking no., system id., title/short description, date initiated, and date corrective action(s) due / work order(s) scheduled.
9. List of rework and repeat maintenance items, and a list of maintenance performance metrics including the backlog of corrective and elective maintenance issues – include tracking no., unit/system id, work order no., title/short description, date initiated, date corrective action(s) due / work order(s) scheduled, and department.
10. Copies of the system health reports for all (a)(1) systems and all systems pending maintenance rule expert panel review for (a)(1) status determination.
11. List of all maintenance rule systems, include risk significance of system (high or low) and whether the system is considered an (a)(1) or (a)(2). The list should indicate the trend in overall system performance since the last PI&R inspection. For all (a)(1) systems, please include a copy of the Action Plan and expert panel minutes.

**III. Operating Experience**

1. List of operating experience reviews, including Part 21's and NRC generic communications (i.e. Information Notices, Generic Letters, Bulletin's) initiated since the

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**BIENNIAL PROBLEM IDENTIFICATION AND RESOLUTION**

last PI&R inspection. Provide tracking number, title/short description, date initiated, date due or closer, significance level, evaluation class/type, status, department, and, if possible, the number of due date extensions.

2. List of industry operating experience issues (NSSS vendor reports, EPRI Reports, and OPEX reports from other facilities) entered into the corrective action program for review since the last PI&R Inspection. Provide tracking number, title/short description, date initiated, date due or closer, significance level, evaluation class/type, status, department, and, if possible, the number of due date extensions.
3. Provide list of correction action program tracking items generated as a result of issues identified during the OE reviews and assessment. Provide tracking number, title/short description, date initiated, date due or closer, significance level, evaluation class/type, status, department, and, if possible, the number of due date extensions.

**IV. Audits and Assessments**

1. Copy of all QA reviews (audits, assessments, etc.) and self-assessments of the corrective action program performed since the last PI&R inspection.
2. List of all QA reviews, self-assessments and safety culture reviews since last PI&R inspection.
3. Copy of the corrective action program trend reports and performance indicators used by management since the last PI&R inspection.
4. A list of IRs generated as a result of identified trends (either by station or department) initiated since the last PI&R inspection. Provide IR number, title, and open/closed status.
5. List of reports or specific issues identified by safety review committees (such as PORC, NSRB, etc.) or other management oversight mechanisms since the last PI&R inspection. Indicate whether these items are being tracked in the corrective action program or other means.
6. Most recent PI&R functional area self-assessment (FASA) that was performed in preparation for the upcoming PI&R inspection.
7. Hard-copy of last completed INPO evaluation and assistance report. (Will be reviewed onsite to maintain confidentiality)

**V. Safety Conscious Work Environment and ECP**

1. Procedures related to the Employee Concerns Program (ECP).
2. Procedures related to the Safety Conscious Work Environment and the station's management of related issues.
3. Access to a list of all ECP cases and contacts initiated **since** the last PI&R inspection. Include a list of IRs generated as a result of these reviews. (Will be reviewed onsite to maintain confidentiality)
4. A copy of all safety culture reviews (audits, assessments, surveys, trend review, etc.) initiated **since** the last PI&R inspection. Include a list of any NOTFs generated as a result of these reviews. (Will be reviewed onsite to maintain confidentiality)