



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

November 29, 2022

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

SUBJECT: BYRON STATION UNIT 1 REQUEST FOR INFORMATION FOR AN NRC  
POST-APPROVAL SITE INSPECTION FOR LICENSE RENEWAL INSPECTION  
REPORT 05000454/2023010

Dear Mr. Rhoades:

On March 6, 2023, the U.S. Nuclear Regulatory Commission (NRC) will begin a Post-Approval Site Inspection for License Renewal at Byron Unit 1 Station. This inspection will be performed in accordance with NRC Inspection Procedure (IP) 71003. This inspection will focus on outage related activities to verify license conditions added as part of your renewed license and a sample of license renewal commitments have been implemented.

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 on-site portions of the inspection. Insofar as possible, this information should be provided electronically to the lead inspector. The information request has been divided into two groups:

- The first group lists information necessary for our initial inspection scoping and in-office preparation activities. During the in-office preparation activities, the inspector will identify as much as possible the information and activities to be reviewed during the inspection. This information should be provided to the inspector by January 23, 2023.
- The second group includes the additional information required for the inspector to review the selected activities. This information should be available to the inspector onsite March 6, 2023. It is also requested that corrective action documents and/or questions developed during the inspection be provided to the inspector as the documents are generated.

The inspector for this license renewal inspection is Matt Domke. We understand that our primary contact for this inspection is Ms. Cox of your organization. If there are any questions about the inspection or the material requested in the enclosure, please contact the lead inspector at 630-829-9562 or via e-mail at [Matthew.Domke@nrc.gov](mailto:Matthew.Domke@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.

In accordance with Title 10 of the *Code of Federal Regulations* 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure 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), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,



Signed by Feliz-Adorno, Nestor  
on 11/29/22

Néstor Félix-Adorno, Chief  
Engineering Reactor Projects Branch  
Division of Operating Reactor Safety

Docket No. 50-454  
License No. NPF-37

Enclosure:  
Document Request for  
Post-Approval Site Inspection  
for License Renewal

cc w/encl: Distribution via LISTSERV®

Letter to David Rhoades from Néstor Félix-Adorno dated November 29, 2022.

SUBJECT: BYRON STATION UNIT 1 REQUEST FOR INFORMATION FOR AN NRC  
POST-APPROVAL SITE INSPECTION FOR LICENSE RENEWAL INSPECTION  
REPORT 05000454/2023010

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## DOCUMENT REQUEST FOR POST-APPROVAL SITE INSPECTION FOR LICENSE RENEWAL

**Inspection Report:** 05000454/2023010

**Inspection Dates:** March 6, 2023 – March 24, 2023

**Inspection Procedure:** IP 71003 "Post-Approval Site Inspection for License Renewal"

**Inspector:** Matt Domke  
630-829-9562  
[Matthew.Domke@nrc.gov](mailto:Matthew.Domke@nrc.gov)

### ***I. Information Requested Prior to the On-Site Inspection Week***

The following information is requested by January 23, 2023, or sooner, to facilitate inspection preparation. If you have any questions regarding this information, please call the inspector as soon as possible. Filenames should be descriptive and indexed to facilitate ease of use. Information lists should contain enough information to be easily understood by someone who has knowledge of light water reactor technology.

1. Provide a list of your license renewal commitments with an approximate completion status of each.
2. Provide a list of your Aging Management Programs (AMPs), copies of the program basis documents for each, and a listing of the action tracking items for each.
3. For AMPs that are one-time inspection programs, provide a list of completed work order numbers for inspections that have been completed. This may be incorporated with the previous item and should include identification of the inspected component.
4. Provide a list of the one-time inspections credited for license renewal that will be completed during your outage. This list should include at least the system, component, work order number, and type of inspection.
5. Provide a listing of other planned inspections which will be conducted during the outage, that are credited for license renewal. Of particular interest are those that provide observations of areas that are generally inaccessible at power, (e.g., tank internal inspections, drywell liner inspections and containment coating inspections). Include work order numbers where applicable.
6. Provide an outage schedule, sufficiently detailed as to list the work orders noted in Items 4 and 5.

Enclosure

## **DOCUMENT REQUEST FOR POST-APPROVAL SITE INSPECTION FOR LICENSE RENEWAL**

7. Provide current management and license renewal organizational charts.
8. Provide electronic copies of Updated Final Safety Analysis Report, Technical Specifications, Technical Specifications Bases, and Technical Requirements Manual.
9. Provide copies of any internal/external self-assessments and associated corrective action documents generated in preparation for the inspection.

### ***II. Information Requested to be Available When the Inspectors Arrive On-Site on March 6, 2023***

1. Copies of the work orders requested during the preparation week. This will include work orders of inspections to be observed and completed work orders to be reviewed by the inspector.
2. Contact information for the Outage Control Center to facilitate inspector observation of the selected work orders.
3. Documentation demonstrating completion of license renewal commitments which are complete as of the inspection date. For example, this may be in the form of a binder for each commitment which includes the implementing documentation and references.

### ***III. Information Requested to be Provided Throughout the Inspection***

1. Copies of any corrective action documents generated as a result of the team's questions or queries during this inspection.
2. Copies of the list of questions submitted by the team members and the status/resolution of the information requested (provide daily during the inspection to each team member).

If you have questions regarding the information requested, please contact the inspector.