



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION IV  
1600 EAST LAMAR BOULEVARD  
ARLINGTON, TEXAS 76011-4511

March 30, 2021

Mr. Fadi Diya  
Senior Vice President  
and Chief Nuclear Officer  
Ameren Missouri  
Callaway Plant  
8315 County Road 459  
Steedman, MO 65077

**SUBJECT: CALLAWAY PLANT - NOTIFICATION OF EVALUATIONS OF CHANGES, TESTS,  
AND EXPERIMENTS INSPECTION (INSPECTION REPORT 05000483/ 2021002)  
AND REQUEST FOR INFORMATION**

Dear Mr. Diya:

The purpose of this letter is to notify you that U.S. Nuclear Regulatory Commission (NRC) staff will conduct the baseline inspection of changes, tests, and experiments at your Callaway Plant from June 21 – 25, 2021. The inspection will consist of three reactor inspectors from the NRC's Region IV office for one week. The inspection will be conducted in accordance with NRC Inspection Procedure 71111.17T, "Evaluations of Changes, Tests, and Experiments."

Experience has shown that this inspection is resource intensive for both the NRC inspectors and your staff. In order to minimize the impact to your onsite resources and to ensure a productive inspection, we have enclosed a request for documents needed for this inspection. Please note that the documents are requested to be provided by June 7, 2021. Upon review of these documents, the inspectors will select additional documentation for review prior to the scheduled inspection week. 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.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be Randall Pohlman of your licensing organization. If there are any questions about this inspection or the material requested, please contact the lead inspector, Fabian Thomas, by telephone at 817-200-1126 or by e-mail at [Fabian.Thomas@nrc.gov](mailto:Fabian.Thomas@nrc.gov).

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Sincerely,

Vincent Gaddy, Chief  
Engineering Branch 1  
Division of Reactor Safety

Docket No. 05000483  
License No. NPF-30

Enclosure:

Evaluations of Changes, Tests, and  
Experiments Inspection Request for  
Information

Cc: Electronic Distribution to the Callaway Plant

SUBJECT: CALLAWAY PLANT - NOTIFICATION OF EVALUATIONS OF CHANGES, TESTS, AND EXPERIMENTS INSPECTION (INSPECTION REPORT 05000483/2021002) AND REQUEST FOR INFORMATION DATED- MARCH 30, 2021

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DOCUMENT NAME: CALLAWAY PLANT 50.59 INSPECTION (IP 71111.17t), REACTOR; CWY

ADAMS ACCESSION NUMBER: **ML21088A387**

☒ SUNSI Review      ADAMS:      ☐ Non-Publicly Available      ☒ Non-Sensitive      Keyword:  
 By: FDT      ☒ Yes    ☐ No      ☒ Publicly Available      ☐ Sensitive      NRC-002

OFFICE	RI: EB1	C:EB1				
NAME	VGaddy	FThomas				
SIGNATURE	VGG	FDT				
DATE	03/30/2021	03/29/2021				

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**Request for Information  
Evaluations of Changes, Tests, and Experiments Inspection  
Callaway Plant**

Inspection Report: 05000483/2021002

Inspection Dates: June 21 – 25, 2021

Inspection Procedure: IP 71111.17T, "Evaluations of Changes, Tests, and Experiments"

Lead Inspector: Fabian Thomas, Reactor Inspector

**Information Requested for the In-Office Preparation Week**

The following information should be sent to the Region IV office in hard copy or electronic format (preferred) by June 7, 2021, to the attention of Fabian Thomas. We request that you categorize the documents in your response with the numbered list below. If only hard copies of the requested documents are available or if the electronic format is too large, please inform the lead inspector and provide the documents on the first day of the onsite inspection. Also, the inspectors will select specific items from the information requested below and request from your staff additional documents needed during the onsite inspection weeks. We ask that the specific items requested be available and ready for review on the first day of inspection. If you have any questions regarding this information request, please contact the lead inspector as soon as possible.

1. A copy of any procedures for conducting 10 CFR 50.59 applicability determinations, screenings, and evaluations and any other 10 CFR 50.59 program documents.
2. A list of all applicability determinations of fully implemented changes, tests, and experiments performed since the last triennial 10 CFR 50.59 inspection that did not result in a screening.
3. A list with descriptions of all 10 CFR 50.59 screenings (or equivalent) of fully implemented changes, tests, and experiments performed since the last triennial 10 CFR 50.59 inspection that did not result in an evaluation.
4. Copies of all 10 CFR 50.59 evaluations of fully implemented changes, tests, and experiments performed since the last triennial 10 CFR 50.59 inspection that did not result in an application for a license amendment.
5. A list with descriptions of all temporary plant modifications implemented since the last triennial 10 CFR 50.59 inspection.
6. A list with descriptions of all compensatory actions for degraded or non-conforming conditions implemented since the last triennial 10 CFR 50.59 inspection.
7. A list with titles and descriptions of all normal, abnormal, and emergency operating procedure changes implemented since the last triennial 10 CFR 50.59 inspection.

8. A list with descriptions of all corrective action documents related to 10 CFR 50.59 screenings and evaluations since the last triennial 10 CFR 50.59 inspection.
9. A copy of the current updated final safety analysis report, technical specifications, and technical specification bases.
10. A list of personnel qualified to prepare, review, and approve 10 CFR 50.59 screenings and/or evaluations, including qualification dates.
11. A copy of any self-assessments or audits performed of 10 CFR 50.59 programs since the last triennial 10 CFR 50.59 inspection.
12. A copy of the most recent submittal of the report containing a brief description of any changes, tests, and experiments, including a summary of the evaluation of each, required by 10 CFR 50.59(d)(2).
13. A list of systems and system designators and a set of one-line (i.e., simplified) system diagrams.

Note: Descriptions should be brief but of sufficient detail to ensure that inspectors can determine the safety and/or risk significance of the screenings, evaluations, and modifications.

Inspector Contact Information:

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