



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

June 11, 2026

Troy Via, Chief Operations Officer
and Vice President Utility Operations
Omaha Public Power District
Fort Calhoun Station
Mail Stop FC-2-4
9610 Power Lane
Blair, NE 68008

SUBJECT: FORT CALHOUN STATION – NRC INDEPENDENT SPENT FUEL STORAGE
INSTALLATION INSPECTION REPORT 05000285/2026003 AND
07200054/2026001

Dear Troy Via:

On May 18-21, 2026, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at your independent spent fuel storage installation (ISFSI) at the Fort Calhoun Station. On May 21, 2026, the NRC inspectors discussed the results of this inspection with Ben Pearson, Regulatory Assurance and Emergency Planning Manager. The inspection results are documented in the enclosure report.

No findings or violations of more than minor significance were identified during this inspection, and no response to this letter is required.

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedures," a copy of this letter, its enclosure, and your response if you choose to provide one will be made available electronically for public inspection in the NRC Public Document Room and from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy or proprietary information so that it can be made available to the public without redaction.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey E. Josey".

Signed by Josey, Jeffrey
on 06/11/26

Jeffrey E. Josey, Acting Deputy Director
Division of Radiological Safety and Security

T. Via

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Docket Nos. 050-00285; and 072-00054
License No. DPR-40

Enclosure:
Inspection Report 050-00285/2026-003
and 072-00054/2026-001 w/ Attachment
Fort Calhoun Station Request for Information

cc w/encl: GovDelivery Subscriber

FORT CALHOUN STATION – NRC INDEPENDENT SPENT FUEL STORAGE INSTALLATION
INSPECTION REPORT 05000285/2026003 AND 07200054/2026001 – DATED JUNE 11, 2026

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**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket Nos. 050-00285; and 072-00054

License No. DPR-40

Report Nos. 05000285/2026003; and 07200054/2026001

Enterprise Identifiers: I-2026-003-0054 - FCS IR 2026-003
I-2026-001-0110 - FCS ISFSI IR 2026-001

Licensee: Omaha Public Power District

Facility: Fort Calhoun Station

Location: Blair, Nebraska

Inspection Dates: May 18-21, 2026

Inspectors: L. Brookhart, Senior Spent Fuel Storage Inspector
B. Tharakan, CHP, Technical Assistant

Approved By: J. Josey, Acting Deputy Director
Division of Radiological Safety and Security

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) conducted an announced, routine inspection of the independent spent fuel storage (ISFSI) operations and activities at the Fort Calhoun Station in Blair, Nebraska.

List of Findings and Violations

No findings or violations of more than minor significance were identified.

Additional Tracking Items

None.

SITE STATUS

Fort Calhoun Station permanently ceased power operations in 2016. The licensee's ISFSI contained all the spent fuel used at the site in 40 loaded Horizontal Storage Modules (HSMs) with an additional two HSMs that contained greater-than-class-c (GTCC) waste from the dismantled reactor. The last ISFSI inspection was conducted in August of 2025, during the licensee's last fuel loading campaign. The licensee had been conducting ISFSI operations in accordance with the Transnuclear (TN) Certificate of Compliance (CoC) No. 1004, Amendment 15, and TN Standardized Nuclear Horizontal Modular Storage (NUHOMS) Final Safety Analysis Report Revision (FSAR) 18.

INSPECTION SCOPES

The inspection was conducted using the appropriate portions of the inspection procedures (IPs). Currently approved IPs are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, ISFSI certificate of compliance, license conditions, site procedures, and standards. The inspection was declared complete when the objectives of the IP were met, consistent with Inspection Manual Chapter (IMC) 2690, Inspection Program for Storage of Spent Reactor Fuel and Reactor-Related Greater-Than-Class C Waste at Independent Spent Fuel Storage Installations and for 10 CFR Part 71 Transportation Packaging dated October 16, 2024.

IP 60855 – Operation of an Independent Spent Fuel Storage Installation

The inspectors conducted site tours, interviewed site staff, and reviewed selected records to observe the status of the ISFSI and ISFSI operations.

Changes, Tests, and Experiments and 72.212 Evaluations (IP Section 02.01)

The inspectors:

- (1) Reviewed the licensee's and adopted vendor changes, tests, or experiments that were performed by the licensee under the site's 10 CFR 72.48 program since the last NRC inspection
- (2) Reviewed the licensee's changes to the site's 10 CFR 72.212 Evaluation

Loading and Unloading Activities (IP Section 02.02)

This was not applicable since licensee had not performed any loading or unloading activities since the last NRC inspection.

Dry Storage System Fuel Selection (IP Section 02.03)

This was not applicable since licensee had not loaded any new fuel to the ISFSI since the last NRC inspection.

ISFSI Storage Monitoring and Surveillance (IP Section 02.04)

The inspectors:

- (1) Reviewed records of radiological surveys and environmental operating reports for radiological dose at the owner-controlled boundary to verify compliance with the requirements of 10 CFR 72.104 for the year 2025
- (2) Reviewed records for compliance with technical specifications for operational surveillance activities and FSAR required annual maintenance activities
- (3) Reviewed site evaluations for licensee changes made to the Emergency Plan (EP) since the last NRC inspection
- (4) Reviewed records of EP biennial exercises and EP drills

Quality Assurance Program (IP Section 02.05)

The inspectors:

- (1) Reviewed selected ISFSI-related condition reports issued since the last NRC ISFSI inspection
- (2) Reviewed quality assurance program implementation, including recent audits, surveillances, receipt inspection, and quality control activities related to ISFSI operations

Aging Management Activities (IP Section 02.06)

The inspectors utilized Inspection Procedure 60859 to review the licensee's implementation of aging management activities were onsite for observations of the baseline inspection.

IP 60859 ISFSI License Renewal Inspection

Fort Calhoun Station's original 20-year ISFSI license period ends on July 29, 2026. On April 25, 2017, TN received a 40-year license renewal for the NUHOMS Certificate of Compliance (CoC) 72-1004 from the NRC. The renewed CoC contained Condition 10 which provided requirements for general licensees to perform aging management inspections and evaluations required by 10 CFR 72.212 to adopt the renewed license and FSAR when extending an ISFSI service beyond the original licensed period.

General Inspection (IP Section 03.01)

The inspectors:

- (1) Reviewed aging management ISFSI-related condition reports
- (2) Reviewed quality assurance program implementation of aging management activities, including properly calibrated equipment, document control, receipt inspection, and design control of the aging management program and procedures
- (3) Reviewed training records and certificates of the qualified individuals that performed the baseline inspections to verify compliance with American Society of Mechanical Engineers (ASME) Section XI, Article IWA-2200 for VT-3 examinations or American Concrete Institute (ACI) requirements for concrete inspections.

Specific Inspection Requirements (IP Section 03.02)

The inspectors:

- (1) Inspectors performed a comprehensive review of the TN NUHOMS renewed license amendment, NRC staff evaluation, FSAR changes, licensee's 72.212 report, aging management program, and the implementing procedures.
- (2) Inspectors verified the licensee incorporated all applicable systems, structures, and components important to safety, correctly directed the parameters that required monitoring or inspection, contained the correct frequencies of inspection, and correct number of samples.
- (3) The procedures directed the proper acceptance criteria utilizing the correct equipment and/or processes in accordance with the applicable code requirements.
- (4) Inspectors verified the implementing procedures directed issues that did not meet acceptance criteria required by the FSAR be placed into the corrective action program for evaluation and directed results of the inspections be placed in an industry operating experience database.
- (5) Inspectors were onsite and observed baseline aging management inspections for the dry shielded canister, basemat, and the horizontal storage module.

INSPECTION RESULTS

No findings or violations of more than minor significance were identified.

EXIT MEETING/DEBRIEFS

The inspectors verified no proprietary information was retained or documented in this report.

- On May 21, 2026, the inspectors presented the inspection results at an exit meeting with Ben Pearson, Regulatory Assurance and Emergency Planning Manager.

ADDITIONAL DOCUMENTS REVIEWED

None.

ATTACHMENT

Fort Calhoun Station Request for Information

Request for Information
FCS ISFSI Triennial and License Renewal Inspection
072-00054/2026-001 and 05000285/2026-001

Inspection Report: Stand-alone Inspection Report

Inspection Dates: Week of May 18th week, 2026

Inspection Procedure: IP 60859, one-time, ISFSI license renewal inspection
IP 60855, Triennial monitoring review inspection

Inspector(s): Lee Brookhart, Senior ISFSI Inspector, Lead
Binesh Tharakan, Senior HP and Reactor Inspector

The following is an initial list of information and documents needed for the May 18th thru 22nd 2026 ISFSI Aging Management and Triennial Review Inspection. Please provide the requested information to the NRC using IMS Certrec or other electronic means available. If possible, please provide the requested documents 1-2 weeks prior to the on-site inspection to allow inspectors the time to review the information. All documents that are provided will be shredded after the inspection report has been issued or you can delete from Certrec or cloud service after the report has been issued. The last time NRC was on-site for an ISFSI inspection was in August 2025.

PAPERWORK REDUCTION ACT STATEMENT

This letter contains voluntary information collections that are subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). The Office of Management and Budget (OMB) approved these information collections (approval number 3150-0011). The burden to the public for these information collections is estimated to average 90 hours per response. Send comments regarding this information collection to the FOIA, Library and Information Collection Branch, Office of the Chief Information Officer, Mail Stop: t6-A10M, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by email to Infocollects.Resource@nrc.gov, and to the Desk Officer, Officer of Information and Regulatory Affairs, NEOB-10202, (3150-0011) OMB, Washington, DC 20503.

Please make the following available:

IP 60859 – ISFSI Inspection documentation:

Aging Management Documentation Request.

Licensing Information, current revision of:

1. 10 CFR 72.212 report
2. 72.48 for any recent 212 report changes (since last inspection in August 2025)
3. We have the Renewed SER, FSAR, and TS/CoC. Last inspection FCS was utilizing Amendment 15 and Revision 18, just let us know if that had changed.

Procedures:

4. Paper copy (for when on-site) related to AMP inspections that will be taking place at FCS during the inspection week
5. Corrective Action Procedure, digital copy
6. 72.48/50.59 procedure, digital copy

Corrective Actions:

7. List of ISFSI related condition reports since the last NRC ISFSI inspection (July 2025). We will review the list and request selected CRs for further review.

Miscellaneous related to AMP:

8. AMP program documents - Provide program basis documents (AMP plans or programs) and implementing procedures (ISFSI pad, Transfer Cask, NUHOMS, DSC, etc). which describe key program attributes such as program objectives, scope, detection/monitoring methods and frequency, administrative controls, acceptance criteria, corrective actions, and scope expansion requirements.
 - For AMPs/procedures already completed, please provide the completed work orders.
9. Provide a copy of any exemptions FCS requested regarding AMP, if any
10. Provide any SER/FSAR commitment changes or 72.48 changes on AMP program changes that were completed after the renewed license issuance. This would be TN FSAR changes on AMP instructions that were completed after renewal issuance that FCS has adopted (if any).
11. Provide basis document for the selection of which canister FCS decided to inspect.
12. Copies of corrective action program documents (e.g. Condition Reports) associated with the implementation of the AMP. This includes unacceptable aging effects identified during the

implementation of license renewal activities and programmatic deficiencies requiring resolution.

13. For all Non-Destructive Examinations (NDE) for aging management activities:
 - a. Provide Qualification Program for Non-Destructive Examiners.
 - b. Provide quals for VT and Concrete inspectors that will be on-site
 - c. Provide procedure qualification and associated performance demonstration.
 - d. Provide procurement and equipment control procedures related to NDE.
14. Provide description of instances where scope expansion was required based on the initial examination (if any) or any site specific ITS components that were screened in to have AMP inspections.
15. Copy of evaluations performed for applicable external and internal Operating Experience issues associated with aging management (tollgates, if any, may not be required until next round of inspections).
16. Procedures that control submittal of inspections to the operating experience database such as the Aging Management Institute of Nuclear Power Operations Database (AMID). If any submittals have already been completed, we will want to get a copy of those submittals or view it online, if possible.

IP 60855 – ISFSI Inspection documentation: (Documents since August 2025)

Triennial Inspection Review

17. Copies of ISFSI QA related audits since August 2025 (if any).
18. Copies of ISFSI QA surveillances conducted (if, any) since August 2025.
19. List of ISFSI related condition reports since August 2025. We will review the list and request selected CRs for further review.
20. List of ISFSI related modifications/72.48 screenings since August 2025. We will review the list and request selected 72.48 screenings for review. We are interested in equipment changes, engineering changes, new procedures (administrative actions for hazardous weather), vendor adopted 72.48s, etc. Since other sites have had problems providing us with a list of screenings, we can talk about the kind of list we are looking for to minimize your effort to generate the list.
21. Copies of 72.48 full evaluations performed since August 2025.
22. Copy of the latest radiological survey of the ISFSI pad/fence area.
23. TLD Data. Provide environmental reports for 2025 that reflects the dose coming from the ISFSI. We are also interested in any additional data that reflect the ISFSI dose such as TLDs that may be posted on the ISFSI fence or around the ISFSI that are not listed in the

environmental report.

24. Provide a copy of your current Emergency Plan. Please provide any changes and the effectiveness review of any changes that have been performed for revisions since August 2025.
25. Provide a list of Emergency Plan Drills that have been performed since August 2025, we will select a few from this list for additional review.
26. Provide EP Exercises that have been performed since August 2025.
27. For compliance with TS vent/temperature monitoring surveillances, provide a copy of the current surveillance procedure and documentation for the surveillances for the week (7 days) of January 4th 2026 (For further explanation on this, if needed, call us).

Inspector Contact Information:

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Senior ISFSI Inspector
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