



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

March 11, 2025

Khalil Dia, Site Vice President
Nebraska Public Power District
72676 648A Avenue
P.O. Box 98
Brownville, NE 68321

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR COOPER NUCLEAR STATION -
REPORT 05000298/2024006**

Dear Khalil Dia:

The U.S. Nuclear Regulatory Commission (NRC) has completed its end-of-cycle performance assessment of Cooper Nuclear Station, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2024, through December 31, 2024. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. The NRC concluded that overall performance at your facility preserved public health and safety. The baseline inspection program was completed at your facility as defined in Inspection Manual Chapter 2515, "Light-Water Reactor Inspection Program - Operations Phase."

The NRC determined the performance at Cooper Nuclear Station during the most recent quarter was within the Licensee Response Column, the highest performance category of the NRC's Reactor Oversight Process (ROP) Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2026. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

From October 1, 2023, to September 30, 2024, the NRC issued one traditional enforcement Severity Level (SL) III notice of violation (NOV) and two SL IV non-cited violations (NCVs) associated with impeding the regulatory process. The NRC noted in Inspection Report 05000298/2024003 dated November 5, 2024, (ADAMS Accession No. ML24291A261), that the NRC planned to conduct Inspection Procedure 92723, "Planned Follow up Inspection of One SL III and Two SL IV Traditional Enforcement Violations in the Same Area in a 12-month Period," to follow-up on these violations.

Upon further consideration, the NRC plans to use baseline inspection procedures for any follow-up on these issues and associated causes, extent of conditions, extent of causes, and corrective actions.

This letter and its enclosure will be made available for public inspection and copying at [ADAMS Public Documents | NRC.gov](https://www.nrc.gov/publications/ADAMS) and at the NRC Public Document Room in accordance with Title 10 of the Code of Federal Regulations 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Please contact me at (817) 200-1148 with any questions you have regarding this letter.

Sincerely,



Signed by Dodson, Douglas
on 03/11/25

Douglas E. Dodson II, Chief
Reactor Projects Branch C
Division of Operating Reactor Safety

Docket No. 05000298
License No. DPR-46

Enclosure:
Inspection Plan

cc w/ encl: Distribution via LISTSERV

ANNUAL ASSESSMENT LETTER FOR COOPER NUCLEAR STATION - REPORT
05000298/2024006 – DATED MARCH 11, 2025

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DOCUMENT NAME: ANNUAL ASSESSMENT LETTER FOR COOPER NUCLEAR STATION - REPORT
05000298/2024006

ADAMS ACCESSION NUMBER: **ML25065A067**

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Site Inspection Activity Plan

07200066 - Cooper Nuclear Station (ISFSI)

01/01/2025 - 12/31/2026

Unit	Start	End	Activity	CAC	Title	Staff Count
Cooper Triennial ISFSI Inspection (one-week during loading campaign) (Part 72)						2
	10/1/2025	10/31/2025	IP 60855	001001	Operation Of An ISFSI	

Site Inspection Activity Plan

Cooper

01/01/2025 - 12/31/2026

Unit	Start	End	Activity	CAC	Title	Staff Count
CNS Medical Escalated Enforcement Final Determination						2
1	1/1/2025	2/28/2025	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
RP 5,6,7,8 - CNS						4
1	3/24/2025	3/28/2025	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1	3/24/2025	3/28/2025	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	3/24/2025	3/28/2025	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1	3/24/2025	3/28/2025	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
CNS 2025 Biennial PI&R						4
1	3/31/2025	4/4/2025	IP 71152B	000747	Problem Identification and Resolution	
1	4/14/2025	4/18/2025	IP 71152B	000747	Problem Identification and Resolution	
Security Protective Strategy (71130.05) and Target Sets (71130.14)						3
1	5/5/2025	5/10/2025	IP 71130.05	000737	Protective Strategy Evaluation	
1	5/5/2025	5/9/2025	IP 71130.14	000743	Review of Power Reactor Target Sets	
EP 2025 Program Inspection - CNS						1
1	5/12/2025	5/16/2025	IP 71114.02	000717	Alert and Notification System Testing	
1	5/12/2025	5/16/2025	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	5/12/2025	5/16/2025	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	5/12/2025	5/16/2025	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1	5/12/2025	5/16/2025	IP 71151	001397	Performance Indicator Verification	
MC&A - CNS						1
1	5/27/2025	5/30/2025	IP 71130.11	000742	Material Control and Accounting (MC&A)	
Security Access Control (71130.02), Security Plan Changes (71130.09), Security PIV (71151)						1
1	8/4/2025	8/8/2025	IP 71130.02	000734	Access Control	
1	8/4/2025	8/8/2025	IP 71130.09	001656	Security Plan Changes	
1	8/4/2025	8/8/2025	IP 71151	001338	Performance Indicator Verification	
CNS 2025 INITIAL EXAM						4
1	8/3/2025	8/9/2025	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
1	9/7/2025	9/13/2025	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
Cybersecurity - CNS						4
1	9/14/2025	9/20/2025	IP 71130.10	000741	Cybersecurity	
CNS 2025 BRQ						2

Site Inspection Activity Plan

1	10/5/2025	10/11/2025	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
Age-Related Degradation Inspection - Cooper						3
1	10/20/2025	10/24/2025	IP 71111.21N.04	001832	Age-Related Degradation	
1	11/3/2025	11/7/2025	IP 71111.21N.04	001832	Age-Related Degradation	
RP 1,4,PI - CNS						2
1	11/3/2025	11/7/2025	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	11/3/2025	11/7/2025	IP 71124.04	000728	Occupational Dose Assessment	
1	11/3/2025	11/7/2025	IP 71151	000746	Performance Indicator Verification	
Security FFD						1
1	2/23/2026	2/27/2026	IP 71130.08	000740	Fitness-For-Duty Program	
FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - CNS						4
1	3/30/2026	4/3/2026	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	4/20/2026	4/24/2026	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
Fire Protection Inspection - CNS						3
1	4/13/2026	5/1/2026	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
EP Exercise & PI Inspection (2026) - CNS						4
1	5/18/2026	5/22/2026	IP 71114.01	000716	Exercise Evaluation	
1	5/18/2026	5/22/2026	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	5/18/2026	5/22/2026	IP 71151	001397	Performance Indicator Verification	
CNS 2026 INITIAL EXAM						4
1	4/26/2026	5/2/2026	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
1	6/7/2026	6/13/2026	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
Security AA-AC-PIV-Plan Change						2
1	7/13/2026	7/17/2026	IP 71130.01	000733	Access Authorization	
1	7/13/2026	7/17/2026	IP 71130.02	000734	Access Control	
1	7/13/2026	7/17/2026	IP 71130.09	001656	Security Plan Changes	
1	7/13/2026	7/17/2026	IP 71151	001338	Performance Indicator Verification	
Inservice Inspection - CNS						1
1	10/5/2026	10/9/2026	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
RP 1,3,PI - CNS						2
1	10/5/2026	10/9/2026	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/5/2026	10/9/2026	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/5/2026	10/9/2026	IP 71151	000746	Performance Indicator Verification	