



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV
1600 EAST LAMAR BOULEVARD
ARLINGTON, TEXAS 76011-4511

August 18, 2022

Mr. John Dent, Jr.
Vice President and Chief Nuclear Officer
Nebraska Public Power District
Cooper Nuclear Station
72676 648A Avenue
P.O. Box 98
Brownville, NE 68321

SUBJECT: UPDATED INSPECTION PLAN FOR COOPER NUCLEAR STATION (Report
05000298/2022005)

Dear Mr. Dent:

The enclosed inspection plan lists the inspections scheduled through June 30, 2024, for Cooper Nuclear Station. 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.

Beginning on January 1, 2023, the engineering inspection frequency will transition from a triennial (3-year) to a quadrennial (4-year) cycle. The new engineering inspection program will consist of a "Comprehensive Engineering Team Inspection (CETI)"¹ and three "Focused Engineering Inspections (FEIs)" that will be performed in each quadrennial cycle. For the cycle beginning in 2023, the FEIs will be: "Fire Protection Team Inspection," "Commercial Grade Dedication" and an engineering inspection that reviews age-related degradation and management².

In response to the COVID-19 public health emergency (PHE), the NRC adjusted inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the ROP. While the PHE continues, overall conditions throughout the country support performance of our inspection and oversight activities to return to normal onsite presence by our resident and region-based inspectors and completion of nominal baseline inspection samples. We continue to monitor site-specific conditions and as discussed in our November 2, 2021, memo "Implementation of Inspection Programs Following Re-Entry from the PHE for the Reactor Safety Program" ([ML21295A302](#)), it may be necessary to alter how and when we perform our inspection and oversight activities as we balance the

¹ Aspects of the Design Basis Assurance Inspection (DBAI), Evaluations of Changes, Tests, & Experiments, and Heat Sink inspections will be included in the CETI inspection. Attached Report 22 will reference DBAI procedure until the CETI procedure is made publicly available. Previously scheduled Evaluation of Changes, Tests, & Experiments and Heat Sink inspections have been cancelled and removed from attached Report 22.

² The age-related degradation and management procedure is under development and will be publicly available by the end of calendar year 2022.

importance of protecting the health and safety of our staff with the need to conduct effective oversight that supports the NRC's critical safety mission.

For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and frequently asked questions for security and emergency preparedness can be found here: <https://www.nrc.gov/about-nrc/covid-19/security-ep/>. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE. These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance but remains subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling.

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

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

Sincerely,



Signed by Josey, Jeffrey
on 08/18/22

Jeffrey E. Josey, Chief
Projects Branch C
Division of Operating Reactor Safety

Docket No. 05000298
License No. DPR-46

Enclosure:
Inspection Plan

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UPDATED INSPECTION PLAN FOR COOPER NUCLEAR STATION (Report 05000298/2022005) DATED AUGUST 18, 2022

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ADAMS ACCESSION NUMBER: **ML22229A518**

SUNSI Review ADAMS: Non-Publicly Available Non-Sensitive Keyword:
 By: haf Yes No Publicly Available Sensitive NRC-002

OFFICE	SPE:DORS/C	BC:DORS/C			
NAME	HFreeman /RA/	JJosey			
DATE	8/17/2022	8/18/2022			

OFFICIAL RECORD COPY

Site Inspection Activity Plan

Cooper

07/01/2022 - 06/30/2024

Unit	Start	End	Activity	CAC	Title	Staff Count
RP 6,7 - CNS						2
1	7/11/2022	7/15/2022	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	7/11/2022	7/15/2022	IP 71124.07	000731	Radiological Environmental Monitoring Program	
CNS 2022 INITIAL EXAM 2						4
1	7/31/2022	8/6/2022	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	9/18/2022	9/24/2022	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
Cooper Target Set Inspection						2
1	8/22/2022	8/25/2022	IP 71130.14	000743	Review of Power Reactor Target Sets	
Security Training/Equip Maint .07 and .04						2
1	9/19/2022	9/23/2022	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1	9/19/2022	9/23/2022	IP 71130.07	000739	Security Training	
Inservice Inspection RF32 - CNS						1
1	10/3/2022	10/15/2022	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
RP 1,3,PI - CNS						2
1	10/17/2022	10/21/2022	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/17/2022	10/21/2022	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
License Renewal Inspection (Phase 4) - CNS						3
1	11/13/2022	11/19/2022	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
Commercial Grade Dedication Inspection - 21N - Cooper						3
1	1/30/2023	2/3/2023	IP 71111.21N.03	001808	Commercial Grade Dedication	
1	2/13/2023	2/17/2023	IP 71111.21N.03	001808	Commercial Grade Dedication	
RP 5,8						2
1	3/13/2023	3/17/2023	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1	3/13/2023	3/17/2023	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
Cooper Biennial PI&R						4
1	3/20/2023	3/24/2023	IP 71152B	000747	Problem Identification and Resolution	
1	4/3/2023	4/7/2023	IP 71152B	000747	Problem Identification and Resolution	
Security Access Authorization .01 and Access Control .02 + PIV + Plan Change .09						2
1	4/24/2023	4/28/2023	IP 71130.01	000733	Access Authorization	
1	4/24/2023	4/28/2023	IP 71130.02	000734	Access Control	
1	4/24/2023	4/28/2023	IP 71130.09	001656	Security Plan Changes	
1	4/24/2023	4/28/2023	IP 71151	001338	Performance Indicator Verification	

Site Inspection Activity Plan

EP 2023 Program Inspection - CNS						1
1	5/15/2023	5/19/2023	IP 71114.02	000717	Alert and Notification System Testing	
1	5/15/2023	5/19/2023	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	5/15/2023	5/19/2023	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	5/15/2023	5/19/2023	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1	5/15/2023	5/19/2023	IP 71151	001397	Performance Indicator Verification	
FORCE-ON-FORCE PLANNING AND EXERCISE - CNS						4
1	6/5/2023	6/9/2023	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	6/26/2023	6/30/2023	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
Security FFD .08						1
1	7/17/2023	7/21/2023	IP 71130.08	000740	Fitness For Duty Program	
Cyber Security Inspection - CNS						4
1	9/18/2023	9/22/2023	IP 71130.10	000741	Cybersecurity	
CNS 2023 BRQ						3
1	10/1/2023	10/7/2023	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
RP 1,4,PI -						2
1	10/30/2023	11/3/2023	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/30/2023	11/3/2023	IP 71124.04	000728	Occupational Dose Assessment	
Comprehensive Engineering Team Inspection - 21M - Cooper						7
1	3/18/2024	3/22/2024	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1	4/1/2024	4/5/2024	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
EP Exercise & PI Inspection (2024) - CNS						4
1	5/20/2024	5/24/2024	IP 71114.01	000716	Exercise Evaluation	
1	5/20/2024	5/24/2024	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	5/20/2024	5/24/2024	IP 71151	001397	Performance Indicator Verification	
CNS 2024 INITIAL EXAM						4
1	5/12/2024	5/18/2024	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	6/9/2024	6/15/2024	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	