



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

August 30, 2019

Mr. John Dent, Jr.  
Vice President-Nuclear and CNO  
Nebraska Public Power District  
Cooper Nuclear Station  
72676 648A Avenue  
Brownville, NE 68321

SUBJECT: UPDATED INSPECTION PLAN FOR COOPER NUCLEAR STATION –  
REPORT 05000298/2019005

Dear Mr. Dent, Jr.:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for Cooper Nuclear Station. The U.S. Nuclear Regulatory Commission (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. You should be aware that the agency is pursuing potential changes to the Reactor Oversight Process (ROP), including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. The inspections listed during the last 12 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.

Additionally, as reflected in the enclosure, on November 4, 2019, the NRC staff will complete Temporary Instruction 2515/194, "Inspection of the Licensee's Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)."

In accordance with Title 10 of the *Code of Federal Regulations* (CFR) 2.390 of the NRC's "Agency Rules of Practice and Procedure," 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) 200-1250 with any questions you have regarding this letter.

Sincerely,

**/RA/**

Cale H. Young, Acting Chief  
Project Branch C  
Division of Reactor Projects

Docket No. 50-298  
License No. DPR-46

Enclosure:  
Inspection Plan

UPDATED INSPECTION PLAN FOR COOPER NUCLEAR STATION - REPORT  
05000298/2019005 - DATED AUGUST 30, 2019

**DISTRIBUTION:**

SMorris, RA  
MShaffer, DRA  
AVegel, DRP  
MHay, DRP  
RLantz, DRS  
GMiller, DRS  
DCylkowski, RC  
DDodson, RIV/OEDO  
VDricks, ORA  
JWeil, OCA  
TWengert, NRR  
AMoreno, RIV/CAO  
BMaier, RSLO  
HFreeman, IPAT  
CYoung, DRP  
DProulx, DRP  
PVossmar, DRP  
MStafford, DRP  
LFlores, DRP  
AElam, DRP  
PJayroe, IPAT  
MHerrera, DRMA  
R4Enforcement  
CMiller, NRR/DIRS  
GBowman, NRR/DIRS  
SWalker, NRR/DIRS  
CErlanger, NRR/DORL  
JHeisserer, NRR/DORL  
MScott, NSIR/DPR  
MBailey, NSIR/DSO  
DRP Branch Chiefs  
DRS Branch Chiefs  
ROP Reports Resource  
ROP Assessment Resource

DOCUMENT NAME: CNS 2019005 MidCycle  
ADAMS ACCESSION NUMBER: ML19234A232

☒ SUNSI Review      ADAMS:      ☐ Non-Publicly Available      ☒ Non-Sensitive      Keyword:  
By: **DLP**      ☒ Yes    ☐ No      ☒ Publicly Available      ☐ Sensitive      NRC002

OFFICE	PBC:SPE	PBC:C				
NAME	DProulx	CYoung				
SIGNATURE	/RA/	/RA/				
DATE	08/21/19	0830/19				

OFFICIAL RECORD COPY

# IP 22 Inspection Activity Plan Report

## 07200066 - Cooper Nuclear Station (ISFSI)

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Cooper Routine ISFSI inspection (one week in month)</b>						2
1	11/01/2019	11/30/2019	IP 60855	001001	Operation Of An ISFSI	
1	11/01/2019	11/30/2019	IP 60857	001004	Review of 10 CFR 72.48 Evaluations	

# IP 22 Inspection Activity Plan Report

## Cooper

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Biennial PI&amp;R Inspection</b>						4
1	07/08/2019	07/11/2019	IP 71152B	000747	Problem Identification and Resolution	
<b>Security Access Control .02</b>						1
1	07/29/2019	08/09/2019	IP 71130.02	000734	Access Control	
1	07/29/2019	08/09/2019	IP 71151	001338	Performance Indicator Verification	
<b>RP TEAM INSPECTION</b>						4
1	08/19/2019	08/23/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1	08/19/2019	08/23/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	08/19/2019	08/23/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1	08/19/2019	08/23/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>MC&amp;A - MAT'L CONTROL &amp; ACCOUNTING</b>						1
1	08/19/2019	08/23/2019	IP 71130.11	000742	Material Control and Accounting (MC&A)	
<b>RELIABLE HARDENED CONTAINMENT VENTS TI-193 (EA-13-109)</b>						2
1	08/26/2019	08/29/2019	TI 2515/193	000511	Inspection of the Implementation of EA-13-109: Order Modifying Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation under Severe Accident Conditions	
<b>CNS 2019 BRQ</b>						3
1	09/22/2019	09/28/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>COOPER 10CFR50.59 INSPECTION</b>						3
1	09/30/2019	10/04/2019	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>TI 2515/194 - CNS</b>						1
1	11/04/2019	11/08/2019	TI 2515/194	000512	Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)	
<b>Cooper - Design Bases Assurance Inspection (Programs)</b>						3
1	01/27/2020	01/31/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1	02/10/2020	02/14/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

# IP 22 Inspection Activity Plan Report

Cooper

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>CNS 2020 INITIAL EXAM 1</b>						4
1	03/22/2020	03/28/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	04/26/2020	05/02/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>Security Equipment .04 and Training .07</b>						2
1	04/13/2020	04/17/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1	04/13/2020	04/17/2020	IP 71130.07	000739	Security Training	
<b>RS24 Radiation Safety</b>						2
1	04/27/2020	05/01/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	04/27/2020	05/01/2020	IP 71124.04	000728	Occupational Dose Assessment	
<b>EP Exercise and PI Inspection</b>						5
1	05/04/2020	05/08/2020	IP 71114.01	000716	Exercise Evaluation	
1	05/04/2020	05/08/2020	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	05/04/2020	05/08/2020	IP 71151	001397	Performance Indicator Verification	
<b>FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS</b>						6
1	06/01/2020	06/05/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	06/22/2020	06/26/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
<b>Security Access Control .02</b>						1
1	07/20/2020	07/24/2020	IP 71130.02	000734	Access Control	
1	07/20/2020	07/24/2020	IP 71151	001338	Performance Indicator Verification	
<b>CNS 2020 INITIAL EXAM 2</b>						3
1	08/23/2020	08/29/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	09/20/2020	09/26/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>Inservice Inspection RF31 - CNS</b>						1
1	10/05/2020	10/09/2020	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
<b>RS12PI Radiation Safety</b>						2
1	10/05/2020	10/09/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/05/2020	10/09/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	

# IP 22 Inspection Activity Plan Report

## Cooper

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Design Bases Assurance (Team) 21M - Cooper</b>						6
1	04/05/2021	04/23/2021	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>Security FFD .08</b>						1
1	04/19/2021	04/23/2021	IP 71130.08	000740	Fitness For Duty Program	
<b>EP Program</b>						1
1	05/17/2021	05/21/2021	IP 71114.02	000717	Alert and Notification System Testing	