



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

October 2, 2018

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

SUBJECT: COOPER NUCLEAR STATION – NRC SECURITY INSPECTION REPORT  
05000298/2018404

Dear Mr. Dent:

On August 23, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Cooper Nuclear Station facility. The NRC inspectors discussed the results of this inspection with Mr. Dan Buman, Director of Nuclear Safety Assurance and other members of your staff. The results of this inspection are documented in the enclosed report.

The NRC inspectors did not identify any finding or violation of more than minor significance.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

If you choose to provide a response to this report that contains Security-Related Information, please mark your entire response "Security-Related Information – Withhold from Public

J. Dent

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Disclosure Under 10 CFR 2.390" (d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1).

Sincerely,

*/RA/*

David A. Holman, Chief  
Plant Support Branch 1  
Division Reactor Safety

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

Enclosure:  
NRC Inspection Report 05000298/2018404

cc: Electronic Distribution

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

Docket Number: 05000298

License Number: DPR-46

Report Number(s): 05000298/2018404

Enterprise Identifier: I-2018-404-0001

Licensee: Nebraska Public Power District

Facility: Cooper Nuclear Station

Location: Brownville, Nebraska

Inspection Dates: August 20, 2018 to August 23, 2018

Inspectors: J. Buchanan, Physical Security Inspector  
C. Jewett, Physical Security Inspector

Approved By: David A. Holman  
Chief, Plant Support Branch 1  
Division of Reactor Safety

## **SUMMARY**

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a Baseline Security Inspection at Cooper Nuclear Station, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

### **List of Findings and Violations**

No findings were identified.

## **INSPECTION SCOPES**

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

## **SAFEGUARDS**

### 71130.04 - Equipment Performance, Testing, and Maintenance (1 Sample)

The inspectors evaluated the security testing and maintenance program. The following elements were evaluated:

- Tier I: all requirements
- Tier II: all requirements
- Tier III: all requirements

### 71130.07 - Security Training (1 Sample)

The inspectors evaluated the nuclear security training program. The following elements were evaluated:

- Tier I: all requirements
- Tier II: all requirements
- Tier III: all requirements

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

On August 23, 2018, the inspectors presented the Baseline Security Inspection results to Mr. Dan Buman, Director of Nuclear Safety Assurance, and other members of the licensee staff. The inspectors verified no proprietary information was retained or documented in this report.

## DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision
71130.04	Procedures	0.9.1	Administrative Procedure Lockout	12
		1.6	Security Procedure Firearms and Personnel Equipment Issuance, Control, Testing and Maintenance	42
		2.8	Access Control Devices	51
		2.11	Security Procedure Equipment Testing General	37
		2.11.1	Security Procedure Equipment Testing - CCTV	23
		2.11.2	Security Procedure Access Equipment Testing	30
		2.11.4	Security Procedure Equipment Testing Doors	17
		7.3.29.3	UPS1 Security Battery Maintenance	1
		7.3.31.1	CAS Battery Intercell Connection Testing and Maintenance	12
		7.3.31.5	CAS, PMIS, and 24V Battery Cell and Rack Examination	1
		14.10.5	Security System Mux Unit Annual Examination and Maintenance	18
		14.10.6	Security System Intrusion Detection Device Performance Testing	39
		14.10.11	Security System Uninterruptible Power Supply (UPS2) Performance Testing, Examination and Data Collection	15
		14.10.12	Security System Uninterruptible Power Supply (UPS2 and UPS3) Examination and Data Collection	7
		14.10.14	Digital Imaging Security System Camera Maintenance	7
		14.10.15	Security System Intrepid Enclosure Maintenance	6
		14.10.16	Microwave Zone Intrusion and Power Supply Failure Testing	0
	Audits and Assessments	QAD 2017-005	Quality Assurance Audit	03/13/2017

		Self Assessment Security Equipment, Security Training, Access Control, Performance Indicator Verification		04/2018
	MISC	Badge Card Reader Transaction History		12/24/2017 – 01/23/2018
		Daily Accountability Report, Issued Rifles and Duty Ammunition Accountability		08/21/2018
		Daily Security Log		12/24/2017 – 01/23/2018
		Daily Security Log		08/16/2018
		Email, Garrett Metal Detectors, Subject: Daily Testing of the Garrett 6500i Metal Detectors		08/21/2018
		Monthly Gas Mask Inspection		08/13/2018
		Semi-Annual Vest Inspection		07/2018
		VC/AVSS Site Acceptance Test		01/10/2018
		Vital Area Portal Patrol Tracking		12/24/2017 – 01/23/2018
		Weapons Maintenance Schedule		03/2016 - 082018
		Zone Alarm History Report		08/22/2018
		Work Orders	5066822	5121877
	5164241		5170075	5208201
	5209969		5261429	
	Work Tasks	WT 2018-0001-067	WT 2018-0001-200	WT 2018-0001-264
	Condition Reports	CR-2017-03240	CR-2017-07372	CR-2018-00242
		CR-2018-01551	CR-2018-02322	CR-2018-04734
		CR-2018-04942	CR-2018-04944	CR-2018-04963
71130.07	Procedures	0-CNS-LI-102	Corrective Action Process	08
		SP1.4	Administration of Security Training and Qualifications	22
		SP 1.4.1	On-the-Job Training and Task Performance Evaluation	05
		SP 2.13	Security Team Training and Exercises	31
		SEC-125	Systematic Approach to (SAT) Training	03
	Audits and Assessments	QAD 2017-005	QA Audit 17-01, Nuclear Security	03/13/2017
		Self-Assessment	Access Control, PIV, Security Equipment, Security Training Program	04/2017
		Self-Assessment	Access Control, PIV, Security Equipment, Security Training Program	04/2018

	MISC	Form	Exhaustive List of Assignments	In Use
		Lesson Plan	Semi-Automatic Handgun Day Qualification	07
		Lesson Plan	Semi-Automatic Handgun Night Qualification	06
		Lesson Plan	Semi-Automatic Rifle Day Qualification	07
		Lesson Plan	Semi-Automatic Rifle Night Qualification	05
		Lesson Plan	Semi-Automatic Handgun, Rifle Tactical Qualification	15
		Lesson Plan	Perform Critical Administrative Exams	12
		Lesson Plan	Perform Visitor Access Control	08
		Lesson Plan	Conduct Personnel Searches	10
		Lesson Plan	Conduct Security Patrols/Alarm Response	08
		Lesson Plan	Determine Amount of Force Required to Prevent an Unauthorized Act	01
		Exam	Annual Written Exam	03
		Plan	Cooper Nuclear Station Physical Security Plan	March 30, 2017
		Condition Reports	CR-2018-04934	CR-2018-04966
		CR-2018-04972		



COOPER NUCLEAR STATION – NRC SECURITY INSPECTION REPORT  
 05000298/2018404- DATED OCTOBER 2, 2018

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**Entire Report:** ADAMS:  Non-Publicly Available  Non-Sensitive Keyword:  
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