



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

July 26, 2018

Mr. John Dent, 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  
05000298/2018403

Dear Mr. Dent:

On, July 12, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Cooper Nuclear Station facility. The NRC inspector discussed the results of this inspection with Mr. Daniel E. Buman, Director, Nuclear Safety Assurance, and other members of your staff. The results of this inspection are documented in the enclosed report.

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

In accordance with Title 10 of the *Code of Federal Regulations* (CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding," 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's Public Document Room or from the Publicly Available Records (PARS) component of ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

***/RA by JLarson Acting For/***

Jeremy R. Groom, Chief Plant  
Support Branch 1 Division  
Reactor Safety

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

Enclosure:  
NRC Inspection Report 05000298/2018403

**U.S. NUCLEAR REGULATORY COMMISSION  
Region IV**

Reactor Docket No.: 05000298  
Reactor License No.: DPR-46  
Report No.: 05000298/2018403  
Enterprise Identifier: I-2018-403-0003  
Licensee: Nebraska Public Power District  
Facility: Cooper Nuclear Station  
Location: 72676 648A Avenue  
Brownville, Nebraska 68321  
Dates: July 9 - July 12, 2018  
Inspector: M. Chambers, Physical Security Inspector  
Approved By: Jeremy R. Groom  
Chief, Plant Support Branch 1  
Division of Reactor Safety

Enclosure

## 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. NRC and self-revealed findings, violations, and additional items are summarized in the table below.

### List of Findings and Violations

No Findings
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### Additional Tracking Items

No Additional Items
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## **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 (IMC) 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspector 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**

### IP 71130.02 – Access Control (1 Sample)

The inspector evaluated the security program. The following elements were evaluated:

- Tier I: all 19 requirements
- Tier II: all 7 requirements
- Tier III: all 1 requirement

## **OTHER ACTIVITIES – BASELINE**

### 71151 - Performance Indicator Verification (1 Sample)

The inspector verified licensee performance indicators submittals listed below for the period from January 2017 through December 2017

- (1) Protected Area Security Equipment Performance Index

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

On July 12, 2018, the inspector presented the Baseline Security Inspection results to Mr. Daniel E. Buman, Director, Nuclear Safety Assurance, and other members of your staff. The inspector verified no proprietary information was retained or documented in this report.

## DOCUMENTS REVIEWED

### IP 71130.02 – Access Controls

#### Procedures

Number	Title	Revision
SP 1.6	Firearms and Personnel Equipment Issuance, Control, Testing, and Maintenance	39
SP 2.1	General Security Organization Duties and Responsibilities	15
SP 2.5	Personnel Access Control	54
SP 2.6	Vehicle Entry/Exit	60
SP 2.7	Material Entry/Exit	41
SP 2.8	Access Control Devices	50
SP 2.11.2	Access Equipment Testing	30
SP 2.11.3	Intrusion Detection Testing	27
SP 3.4	Blocking of Unescorted Access	05
SP 3.11	Security Alert Levels	15
SP 3.14	Non-Security Emergency	19
SP 3.15	Emergency Entry/Exit	15
SP 3.16	Malevolent Use of Vehicles	5
SP 1.1 Attachment 4	Badge Status Change Form	59
SP 2.6 Attachment 1	Vehicle Entry Gate Pass	60

#### Condition Reports

CR-CNS-2018-03916 CR-CNS-2018-03917 CR-CNS-2018-04231

Miscellaneous Documents Number	Title	Date
QAD 2017-0005	QA Audit 17-01 Nuclear Security	March 13, 2017
	Security Event Logs dated from July 27, 2017 to June 12, 2018	

COOPER NUCLEAR STATION, NRC SECURITY INSPECTION REPORT  
05000298/2018403 – DATED JULY 26, 2018

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**Entire Report:** ADAMS:  Non-Publicly Available  Non-Sensitive Keyword:  
 SUNSI Review By: MLC  Yes  No  Publicly Available  Sensitive

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