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

June 29, 2012

Brian J. O'Grady, Vice President-Nuclear
and Chief Nuclear Officer
Nebraska Public Power – Cooper
Nuclear Station
72676 648A Avenue
Brownville, NE 68321

SUBJECT: COOPER NUCLEAR STATION- NRC SECURITY INSPECTION REPORT
05000298/2012404

Dear Mr. O'Grady:

On June 7, 2012, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Cooper Nuclear Station. The inspection covered one or more of the key attributes of the security cornerstone of the NRC's Reactor Oversight Process. The enclosed inspection report documents the inspection results, which were discussed on, June 7, 2012, with you and other members of your staff.

The inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your license. The inspector reviewed selected procedures and records, observed activities, and interviewed personnel.

Two NRC identified findings of very low security significance (i.e., Green as determined by the Physical Protection Significance Determination Process) were identified during this inspection. The deficiencies were promptly corrected or compensated for, and the plant was in compliance with applicable physical protection and security requirements within the scope of this inspection before the inspector left the area.

Additionally, two licensee-identified violations which were determined to be of very low security significance are listed in this report. The NRC is treating these violations as non-cited violations(NCVs) consistent with Section 2.3.2 of the Enforcement Policy.

If you contest any NCV in the enclosed report, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington DC 20555-0001; with copies to the Regional Administrator, Region IV; the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001; and the NRC Resident Inspectors at Cooper Nuclear Station. In accordance with 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 Agencywide Document Access and Management System (ADAMS). ADAMS is accessible from the NRC Website at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

However, the material enclosed herewith contains Security-Related Information in accordance with 10 CFR 2.390(d)(1) and its disclosure to unauthorized individuals could present a security vulnerability. Therefore, the material in the enclosure will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html. If Security-Related Information is necessary to provide an acceptable response, please mark your entire response Security-Related Information in accordance with 10 CFR 2.390(d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1). In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response.

Two Cross-cutting aspects were assigned to findings in the areas of Human Performance [H.1(b)], and [H.2(c)]. If you disagree with a cross-cutting aspect assignment in this report, you should provide a response within 30 days of the date of this inspection report, with the basis for your disagreement, to the Regional Administrator, Region IV; and the NRC Resident Inspector at Cooper Nuclear Station.

Sincerely,

/RA/

Michael C. Hay, Chief
Plant Support Branch-1
Division of Reactor Safety

Docket: 50-298
License: DPR-46

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Security Related Complete Report - OUO:
SUNSI Review Completed: DAH ADAMS: ☒ Yes Initials: DAH
☒ Non-Publicly Available ☒ Sensitive-Security- Related-Periodic Review Required

Letter Only:
SUNSI Review Completed: DAH ADAMS: ☒ Yes Initials: DAH
☒ Publicly Available ☒ Non-Sensitive

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