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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
1600 E. LAMAR BLVD  
ARLINGTON, TX 76011-4511

December 8, 2016

Mr. Oscar A. Limpias  
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 MATERIAL CONTROL AND  
ACCOUNTING PROGRAM INSPECTION REPORT 05000298/2016406

Dear Mr. Limpias:

On November 17, 2016, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Cooper Nuclear Station. The inspection covered a key attribute of the Security Cornerstone of the NRC's Reactor Oversight Process, Material Control and Accounting of Special Nuclear Material. The enclosed inspection report documents the inspection results, which were discussed on November 17, 2016, with Mr. D. Buman, Director, Engineering, 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.

Based on the results of this inspection, no findings were identified.

In accordance with 10 CFR 2.390 of the NRC's "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 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). However, because of the security-related concerns contained in the enclosure, and in accordance with 10 CFR 2.390, a copy of this letter's enclosure will not be available for public inspection.

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O. Limpias

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In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response, if any. This practice will ensure that your response will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system, ADAMS. If Safeguards Information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21. Otherwise, mark your entire response "Security-Related Information-Withhold Under 10 CFR 2.390" and follow the instructions for withholding in 10 CFR 2.390(b)(1).

Sincerely,

/RA/

Heather J. Gepford, Ph.D., CHP, Chief  
Plant Support Branch 2  
Division of Reactor Safety

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

Nonpublic Enclosure:  
Inspection Report 05000298/2016406  
w/Attachment: Supplemental Information

cc w/o enclosure: Electronic Distribution

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O. Limpias

- 2 -

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Sincerely,

**/RA/**

Heather J. Gepford, Ph.D., CHP, Chief  
Plant Support Branch 2  
Division of Reactor Safety

Docket No. 50-298  
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Inspection Report 05000298/2016406  
w/Attachment: Supplemental Information

cc w/enclosure:  
Mr. Jerry Bebb  
Security Manager  
Nebraska Public Power District  
Cooper Nuclear Station  
72676 648A Avenue  
P.O. Box 98  
Brownville, NE 68321

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Letter to Oscar A. Limpias from Heather J. Gepford, dated December 8, 2016

SUBJECT: COOPER NUCLEAR STATION – NRC MATERIAL CONTROL AND  
ACCOUNTING PROGRAM INSPECTION REPORT 05000298/2016406

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