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

July 8, 2016

Adam C. Heflin, President and
Chief Executive Officer
Wolf Creek Nuclear Operating Corporation
P.O. Box 411
Burlington, KS 66839

SUBJECT: WOLF CREEK GENERATING STATION – NRC MATERIAL CONTROL AND
ACCOUNTING PROGRAM INSPECTION REPORT 05000482/2016407

Dear Mr. Heflin:

On May 26, 2016, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at Wolf Creek Generating 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 May 26, 2016, with Mr. D. Erbe, Manager, Security, 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.

The NRC inspector documented one finding of very low safety significance (i.e., Green as determined by the Baseline Security Significance Determination Process for Power Reactors) in this report. The finding was associated with a violation of NRC requirements. The NRC is treating this violation as a non-cited violation (NCV) consistent with Section 2.3.2.a of the NRC Enforcement Policy.

If you contest the violation or significance of this NCV, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington DC 20555-0001; with copies to the Regional Administrator, Region IV; the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; and the NRC Resident Inspector at the Wolf Creek Generating Station.

"Enclosure transmitted herewith contains SUNSI. When separated from enclosure, this transmittal document is decontrolled."

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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.

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, PhD, CHP, Chief
Plant Support Branch 2
Division of Reactor Safety

Docket No. 50-482
License No. NPF-42

Nonpublic Enclosure:
Inspection Report 05000482/2016407
w/Attachments:

1. Supplemental Information
2. Request for Information

cc w/o enclosure: Electronic Distribution

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A. Heflin

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Letter to Adam C. Heflin from Heather J. Gepford, dated July 8, 2016

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