

April 20, 2010

Mr. Larry Teahon
Manager of Environmental, Health and Safety
Crow Butte Resources, Inc.
86 Crow Butte Road
P.O. Box 169
Crawford, NE 69339-0169

SUBJECT: LICENSE AMENDMENT NO. 25, 2010 SURETY UPDATE, CROW BUTTE
RESOURCES, INC., CRAWFORD, NEBRASKA, SOURCE MATERIALS
LICENSE SUA-1534 (TAC NO. J00607)

Dear Mr. Teahon:

By letter dated September 29, 2009, Crow Butte Resources, Inc. (CBR) submitted its 2010 surety update to U.S. Nuclear Regulatory Commission (NRC) staff. This surety update seeks to increase the 2009 surety amount by \$1,030,881.00 to \$28,902,051.00. This increase is based upon annual adjustments for inflation and continued in situ recovery operations.

Based on the information provided in CBR's submittal dated September 29, 2009, the NRC staff has determined that the surety estimate is acceptable. Therefore, NRC staff is approving the new surety amount of \$28,902,051.00. License Amendment No. 25, enclosed with this letter, includes a revised License Condition 9.5 that reflects this updated surety estimate. This licensing action meets the categorical exclusion provision for surety changes in 10 CFR Part 51.22(c)(10)(i). Therefore, no further environmental review is required for this action. If you have any questions, please contact Mr. Ronald A. Burrows, Project Manager, at 301-415-6443, or by email at ronald.burrows@nrc.gov.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice for Domestic Licensing Proceedings and Issuance of Orders," a copy of this letter will be available electronically for

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public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

/RA/

Keith I. McConnell, Deputy Director
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

Docket No.: 40-8943
License No.: SUA-1534

Enclosure: License Amendment No. 25

cc: Paul Goranson, CBR
Michael Linder, NDEQ

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Sincerely,

/RA/

Keith I. McConnell, Deputy Director
Decommissioning and Uranium Recovery
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cc: Paul Goranson, CBR
Michael Linder, NDEQ

(CLOSES TAC NO. J00607)

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