

October 23, 2007

Mr. Stephen P. Collings  
President  
Crow Butte Resources, Inc.  
141 Union Boulevard, Suite 320  
Lakewood, CO 80228

SUBJECT: ENVIRONMENTAL ASSESSMENT, CENTRAL PROCESSING PLANT UPGRADE,  
CROW BUTTE RESOURCES, INC., CRAWFORD, NEBRASKA, SUA-1534 (TAC  
J00509)

Dear Mr. Collings:

By letter dated October 17, 2006, Crow Butte Resources, Inc. (CBR) submitted to U.S. Nuclear Regulatory Commission (NRC) staff a request to amend License Condition 10.5. Specifically, CBR sought to increase its central processing plant throughput from 5,000 gallons per minute (gpm) to 9,000 gpm. This additional throughput increase would address 4 to 6 new ion exchange (IX) columns used to extract uranium from pregnant lixiviant.

To support this licensing action, NRC staff issued a draft environmental assessment (EA) to regulatory agencies in the State of Nebraska for comment on July 11, 2007. NRC did not receive any comments; therefore, we are issuing the enclosed final EA for the proposed action, which supports the preparation of a Finding of No Significant Impact (FONSI). NRC staff will publish, in the Federal Register, its FONSI, after which the staff will issue the license amendment and technical evaluation report for the proposed action. If you have any questions regarding this letter, please contact me at 301-415-7182 or, by email, at [sjc7@nrc.gov](mailto:sjc7@nrc.gov).

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 Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Stephen J. Cohen, Project Manager

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Uranium Recovery Licensing Branch  
Decommissioning & 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: Final Plant Upgrade Environmental Assessment

cc: S. Fischbein, NDEQ  
L. Teahon, CBR

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