

September 20, 2005

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

SUBJECT: ACKNOWLEDGMENT OF SEMIANNUAL RADIOLOGICAL EFFLUENT AND ENVIRONMENTAL MONITORING REPORT, SOURCE MATERIALS LICENSE SUA-1534 (TAC L60502)

Dear Mr. Griffin:

This letter acknowledges the receipt of the document "Semiannual Radiological Effluent and Environmental Monitoring Report," transmitted to U.S. Nuclear Regulatory Commission (NRC) staff by letter dated August 19, 2005. NRC staff has reviewed the aforementioned report and finds that it complies with License Condition 12.1. However, NRC staff offers the following non-technical comments:

1. In addition to the text in Section 1.1 - Excursion Monitoring, it would be useful if Crow Butte Resources, Inc. (CBR) provided, in future reports, a summary table, which lists all wells that have been on excursion status, dates wells were placed on/removed from excursion status, reasons wells were placed on/removed from excursion status.
2. In Appendix A, the uranium reporting limit is 0.000 on the first quarter data sheet; please confirm this is correct.
3. Please specify the units for the wellfield injection pressure tables in Appendix C.
4. In Appendix F, the laboratory sheet for sample AM-1 states that the sampling period was April 4, 2005, to July 6, 2005. Should this be April 1, 2005, instead of April 4, 2005?

Please provide your responses to these comments within 45 days of receipt of this letter.

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 document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/reading-rm/adams.html>.

Sincerely,

/RA by RNelson for/

Stephen J. Cohen, Project Manager  
Uranium Processing Section  
Fuel Cycle Facilities Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

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

M. Griffin

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License No.: SUA-1534

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