

September 1, 2005

Mr. Larry L. Teahon
Environmental Coordinator
Crow Butte Resources, Inc.
86 Crow Butte Road
P.O. Box 169
Crawford, NE 69339-0169

SUBJECT: EXCURSION OF MONITOR WELL SM6-12, SOURCE MATERIALS LICENSE
SUA-1534 (TAC L60502)

Dear Mr. Teahon:

By letter dated July 28, 2005, Crow Butte Resources, Inc. (CBR) notified the U.S. Nuclear Regulatory Commission (NRC) staff that it was removing well SM6-12 from excursion status. CBR originally placed this well on excursion status on June 27, 2005, after the conductivity exceeded the multiple parameter upper control limit (UCL) and chloride concentrations exceeded the single parameter UCL. Weekly samples collected from July 12 to July 26, 2005, indicated that concentrations of these parameters were below excursion criteria. The NRC staff concurs with CBR's action regarding SM6-12. Should we have any further questions regarding this action, we will contact you.

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

Sincerely,

/RA/

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

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