

CROW BUTTE RESOURCES, INC.

86 Crow Butte Road
P.O. Box 169
Crawford, Nebraska 69339-0169



(308) 665-2215
(308) 665-2341 – FAX

October 31, 2000

Mr. Philip Ting, Chief
Fuel Cycle Licensing Branch, FCSS
c/o Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Re: Source Materials License SUA-1534
Docket No. 40-8943
Request to Amend License Condition 10.7 – Additional Information

Dear Mr. Ting:

On September 12, 2000, Crow Butte Resources, Inc. (CBR) submitted a request to amend License Condition 10.7 of Source Materials License SUA-1534 for the Crow Butte Uranium Project. This License Condition specifies the acceptable methods for handling liquid effluents. CBR has requested that NRC amend this License Condition to reference a modification to the deep well injection permit. Specifically, CBR has requested and received a modification to the Class I Underground Injection Control (UIC) permit issued by the Nebraska Department of Environmental Quality (NDEQ) concerning operation of the deep disposal well. Enclosed please find a copy of the signature pages from Class I UIC Permit Number NE0122611 dated October 30, 2000.

As noted in Section 2.3 of the Modification Report submitted in support of the NRC License Amendment Request, the modifications to the Class I UIC Permit will not affect the composition of the liquid effluents. The modified permit will allow CBR to increase the quantity of liquid effluents disposed in the deep disposal well. However, this provision will not affect CBR's ability to meet the requirements of 10 CFR § 20.1301 since the disposal zone is confined from any underground source of drinking water. Therefore, there is no exposure pathway for individual members of the public.

The modified permit was effective on October 30, 2000. CBR is required to comply with the conditions of this permit under the NDEQ UIC regulations. CBR requests that NRC expedite their review of our amendment request at the earliest opportunity to allow full implementation of the provisions of the permit.

NMSSOI Public

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If you have any questions concerning this amendment request, please do not hesitate to contact me at (308) 665-2215.

Sincerely,
CROW BUTTE RESOURCES, INC.

A handwritten signature in black ink, appearing to read 'M. Griffin'. The signature is fluid and cursive, with a large loop at the end.

Michael Griffin
Manager of Environmental and Regulatory Affairs

cc: Mr. Steve Collings – CBR, Denver, Colorado
Mr. David Miesbach –UIC Program Coordinator, NDEQ, Lincoln, Nebraska
Mr. Mike Layton – NRC Project Manager, Uranium Recovery Branch
Mr. Hal Demuth – Harlan and Associates, Inc., Denver, Colorado

STATE OF NEBRASKA



Mike Johanns
Governor

DEPARTMENT OF ENVIRONMENTAL QUALITY

Suite 400, The Atrium
1200 'N' Street
P.O. Box 98922
Lincoln, Nebraska 68509-8922
Phone (402) 471-2186

OCT 30 2000

Mr. Steve Collings, President
Crow Butte Resources, Inc.
1670 Broadway, Suite 3450
Denver, Colorado 80202

Dear Mr. Collings:

Pursuant to the Nebraska Environmental Protection Act, Neb. Rev. Stat. Secs. 81-1501, 81-1502, 81-1504 through 81-1510 and 81-1527 (Reissue 1994), the Nebraska Administrative Procedure Act (Reissue 1987, cum. supp. 1992), and the Nebraska Department of Environmental Quality Title 122, Rules and Regulations for Underground Injection and Mineral Production Wells, we are modifying and enclosing to Crow Butte Resources, Inc. Underground Injection Control Permit Number NE0206369 for the Class 1 non-hazardous waste injection well.

The permit for Underground Injection includes standard and specified conditions, which must be followed to remain in compliance with the aforementioned Statutes and Rules and Regulations. Monitoring and testing reports are required on a periodic basis, and are set forth in specific conditions of the permit.

Issuance of the modified Class 1 injection well permit is in accordance with expected activities at the Crow Butte Uranium Facility, which currently operates within conditions set forth in Underground Injection Control Permit Number NE0122611. Crow Butte Resources, Inc. will remain responsible for conditions set forth in existing, current permits, and all other duties and responsibilities under the Nebraska Environmental Protection Act, as amended, or any Rules and Regulations promulgated pursuant thereto.

Sincerely,

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Michael J. Linder
Director

ML/DLM/rd
cbr/class1/permit/rev00.doc

**NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY
PERMIT FOR CLASS 1 NON-HAZARDOUS WASTE INJECTION WELL**

In compliance with the Nebraska Environmental Protection Act, Neb. Rev. Stat. Secs. 81-1501, 81-1502, 81-1504 through 81-1510 and 81-1527 (Reissue 1994), the Nebraska Administrative Procedure Act (Reissue 1987, cum. supp. 1992), and the Nebraska Department of Environmental Quality Title 122, Rules and Regulations for Underground Injection and Mineral Production Wells,

**Crow Butte Resources, Inc.
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Denver, Colorado 80202
(303) 830-3549**

is authorized to operate a Class 1 non-hazardous waste injection well associated with an in-situ uranium mining operation. The formation receiving injected waste fluids shall be restricted to the Morrison and Sundance Formations, Jurassic Age Formations, which have been demonstrated to be located below the lowermost underground source of drinking water. In addition, the Morrison and Sundance Formations exhibit water quality that is not considered under State and Federal Regulations to be underground sources of drinking water due to measured concentrations of their total dissolved solids.

Crow Butte Resources, Inc. currently operates the in-situ commercial uranium facility (Crow Butte facility) near Crawford, Nebraska. The mailing address and telephone number for the facility is P.O. Box 169, Crawford, Nebraska 69339, (308) 665-2215.

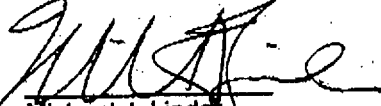
The injection well is located in the Northwest Quarter of Section 19, Township 31 North, Range 51 West, Dawes County, Nebraska. All injection, testing, monitoring, and reclamation activities will be conducted in accordance with requirements and conditions set forth in parts herein.

Financial surety has been established to cover costs associated with administration, operation, abandonment, and reclamation of the well as required in Nebraska Title 122, Rules and Regulations for Underground Injection and Mineral Production Wells, Chapter 37.

The permittee shall comply with all conditions in this permit, State and Federal regulations governing Class 1 non-hazardous waste injection wells, and the requirements of the Nebraska Department of Environmental Quality.

This Revised permit became effective on October 30, 2000 and shall remain effective through September 29, 2004, unless it is revoked and reissued, or terminated. This permit is hereby modified to include adjustments to parameter limitations reflective of current and anticipated operations at the facility.

Signed this 30th day of October 2000


Michael J. Lindet
Director