



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

January 24, 1997

Crow Butte Resources, Inc.
ATTN: Mr. Stephen P. Collings, President
216 Sixteenth Street Mall, Suite 810
Denver, Colorado 80202

SUBJECT: ACCEPTANCE REVIEW FOR THE RENEWAL OF SOURCE MATERIAL LICENSE
SUA-1534 FOR IN-SITU LEACH MINING AT CROW BUTTE URANIUM PROJECT,
DAWES COUNTY, NEBRASKA

Dear Mr. Collings:

The U.S. Nuclear Regulatory Commission staff has completed the initial processing, which is an administrative review, of your application for renewal of Source Material License No. SUA-1534, submitted by letter dated December 7, 1995. During the initial processing, the NRC staff identified some deficiencies; however, your submittal is considered acceptable for the purpose of conducting a detailed technical review to further evaluate the proposed licensing action. These deficiencies include:

- (1) Map copies are generally of poor quality (e.g., Figures 1.3-1, 2.1-1, 2.6-1, 2.7-12). More legible copies, at a scale of approximately 1:24000, would provide sufficient information for the detailed technical review.
- (2) A topographic map that shows significant variations in the site environs and drainage gradients has not been provided with the application as recommended in Section 2.1 of Regulatory Guide 3.46
- (3) Some background data has not been updated since the original application for a commercial license in 1987. Examples include information on land use, meteorology, and surface water discharge data. Updated information should be provided, or written assurance should be provided that the information has not changed.

In order to support a timely review schedule, please provide additional information to address the deficiencies identified above. Please note that the continuing detailed technical review may identify further omissions of information or analyses that may require the submittal of additional information. The staff will proceed with the detailed technical review of your application and provide any requests for such additional information.

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S. Collings

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If you have any questions concerning this letter, please contact the NRC Project Manager, Mr. James Park, at (301) 415-6699.

Sincerely,

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Joseph J. Holonich, Chief
Uranium Recovery Branch
Division of Waste Management
Office of Nuclear Material
Safety and Safeguards

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

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S. Collings

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Joseph J. Holonich, Chief
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