

**CAMECO RESOURCES
CROW BUTTE OPERATION**



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

July 1, 2016

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Attn: Document Control Desk, Director
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Source Materials License SUA-1534
Response to License Condition 9.12

Dear Director:

By letter dated November 5, 2014, the U.S. Nuclear Regulatory Commission renewed Source Material License SUA-1534 issued to Crow Butte Resources, Inc., Crow Butte Uranium In-Situ Recovery Project, Dawes County, Nebraska (TAC J00555).

License Condition 9.12 states, "The licensee shall submit a Quality Assurance Program (QAP) to the NRC for review and approval. The QAP will address the topics recommended in Regulatory Guide 4.15 (as revised).

By e-mail dated June 16, 2016, Cameco Resources, Crow Butte Operation (CBO), submitted to the U.S. Nuclear Regulatory Commission (NRC) staff Revision #5 (Rev. 5) of its QAP. By letter dated June 22, 2016 (received June 27, 2016), NRC staff observed that Rev. 5 of CBO's QAP contained various title changes and new positions not previously addressed in the January 8, 2016, submittal. For example, Section 3 of the revised QAP now refers to "Restoration Manager", "Plant Supervisor", and "SHEQ Specialist". NRC staff requested that any appropriate changes to CBO's corporate organization described in Section 5 of the license renewal be submitted for NRC staff review.

License Condition 9.4 states in part, "The licensee may, without obtaining a license amendment pursuant to 10 CFR 40.44, and subject to conditions specified in (B) of this condition: Make changes in the procedures as described in the license application (as updated)". Section E states, "The licensee shall maintain records of any changes made

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pursuant to this condition until license termination. These records shall include written safety and environmental evaluations made by the Safety and Environmental Review Panel (SERP) that provide the basis for determining changes are in compliance with Section B. The licensee shall furnish, in an annual report to the NRC, a description of such changes, including a summary of the safety and environmental evaluation of each. In addition, the licensee shall annually submit to the NRC changed pages, which shall include both a change indicator for the area changed, e.g., a bold line vertically drawn in the margin adjacent to the portion actually changed, and a page change identification (date of change or change number or both), to the operations plan and reclamation plan of the approved license application (as updated) to reflect changes made under this condition.

On June 9, 2016, the CBO SERP met and approved revisions to Section 5.1 of the approved License Renewal Application (November 2014). Enclosed for the NRC's staff review is the SERP 16-03 evaluation of the changes to Section 5.1. A copy of the SERP will be submitted with the annual summary of change report.

If there are any further questions or concerns feel free to contact me at (308) 665-2215 ext. 114.

Sincerely,

A handwritten signature in black ink that reads "Larry Teahon". The signature is written in a cursive, flowing style.

Larry Teahon
SHEQ Manager

Enclosure

cc: Deputy Director
Division of Decommissioning
Uranium Recovery and Waste Programs
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Mail Stop T-8F5
11545 Rockville Pike
Two White Flint North, Rockville, MD 20852-2738

CBO- File

cc: CR-Casper



CROW BUTTE RESOURCES, INC.

SAFETY AND ENVIRONMENTAL REVIEW PANEL

Evaluation Report – SERP 16-03

Revisions to the Approved License Renewal (November 2014)

June 9, 2016

The Crow Butte Resources, Inc. (CBR) Safety and Environmental Review Panel (SERP) met in accordance with USNRC Source Materials License SUA-1534 to review proposed changes to the approved License Renewal (November 2014). This change reflects a recent organizational change that indirectly affects the radiation safety department.

The SERP appointed for this evaluation consisted of the following members:

<u>Name</u>	<u>Title</u>	<u>Area of Expertise</u>
Bob Tiensvold	Restoration Manager	Management
Larry Teahon	Manager of SHEQ	Environment and Safety
Tami Dyer	Radiation Safety Officer	Radiation Safety
Tate Hagman	Plant Supervisor	Plant Operations
Sabrina Fox	SHEQ Specialist	Permitting and Document Control

Mr. Tiensvold is the SERP Chairman. Mr. Teahon was appointed SERP Secretary for this evaluation.

PURPOSE OF SERP EVALUATION

The purpose of the SERP evaluation was to review a change made to the Cameco Divisional organizational structure. The evaluation adds the position of Director of Safety, Health, Environment, and Quality (SHEQ) and changes the title of Mine Manager at the



site level to Restoration Manager. These changes affect the direct and indirect reporting requirements for the Radiation Safety Officer.

An organizational change has been made that directly and indirectly affects the reporting responsibilities of the radiation safety staff. The direct reporting of the Radiation Safety Officer (RSO) has been changed as shown in the revised Figure 5.1-1 from the approved License Renewal (November 2014). The RSO currently reports to the Mine Manager, with the organizational change, the RSO will report directly to the Director of SHEQ. The indirect reporting for the RSO has been changed as shown in the revised Figure 5.1-1 from the approved License Renewal (November 2014). The RSO currently reports indirectly to the General Manager of U.S. Operations. With the organizational change, the RSO will have an indirect reporting requirement to the President.

AUTHORITY OF SERP

License Condition 9.4. Change, Test and Experiment License Condition

- A) The licensee may, without obtaining a license amendment pursuant to 10 CFR 40.44, and subject to conditions specified in (B) of this condition:
 - i. Make changes in the facility as described in the license application (as updated);
 - ii. Make changes in the procedures as described in the license application (as updated); and
 - iii. Conduct tests of experiments not described in the license application (as updated).

- B) The licensee shall obtain a license amendment pursuant to 10 CFR 40.44 prior to implementing a proposed change, test, or experiment if the change, test, or experiment would:
 - i. Result in more than a minimal increase in the frequency of occurrence of an accident previously evaluated in the license application (as updated);
 - ii. Result in more than a minimal increase in the likelihood of occurrence of a malfunction of a facility structure, equipment, or monitoring system (SEMS) important to safety previously evaluated in the license application (as updated);
 - iii. Result in more than a minimal increase in the consequences of an accident previously evaluated in the license application (as updated);
 - iv. Result in more than a minimal increase in the consequences of a malfunction of an SEMS previously evaluated in the license application (as updated);
 - v. Create a possibility for an accident of a different type than any previously evaluated in the license application (as updated);
 - vi. Create a possibility for a malfunction of an SEMS with a different result than previously evaluated in the license application (as updated);
 - vii. Result in a departure from the method of evaluation described in the license application (as updated) used in establishing the final safety evaluation report



- (FSER), environmental impact statement (EIS), environmental assessment (EA) or the technical evaluation reports (TERs) or other analysis and evaluations for license amendments.
- viii. For the purposes of SERP evaluations, SEMS means any SEMS that has been referenced in a staff SER, TER, EA, or EIS and supplements and amendments thereof.
- C) Additionally, the licensee must obtain a license amendment unless the change, test, or experiment is consistent with NRC's previous conclusions, or the basis of, or analysis leading to, the conclusions of actions, designs, or design configurations analyzed and selected in the site or facility SER, TER, and EIS or EA. This would include all supplements and amendments, and TERs, EAs, EISs issued with amendments to this license.

SERP EVALUATION

The SERP evaluation was conducted in accordance with SHEQMS Volume II, *Management Procedures Manual*; Chapter 6, *Managing Change*. The SERP reviewed the proposed change and evaluated this information as compared with the requirements of the licensing basis, including the following documents:

- Title 10, Code of Federal Regulations;
- Source Materials License SUA-1534, Renewal dated November 5, 2014;
- *Application for Renewal of USNRC Radioactive Source Materials License SUA-1534*, Crow Butte Resources, Inc. November 2007;
- *Environmental Assessment for Renewal of Source Materials License No. SUA-1534*, USNRC October 2014;
- *Safety Evaluation Report for Renewal of Source Materials License No. SUA-1534*, USNRC August 2014;
- Technical Evaluation Reports issued in support of amendments to SUA-1534.

Title 10 Code of Federal Regulations

The proposed changes to the License Renewal will have no impact on CBR's ability to meet all applicable NRC regulations.

Source Materials License SUA-1534 Requirements

The SERP reviewed the requirements contained in Source Materials License SUA-1534, renewal, dated November 5, 2014. The proposed changes will have no impact on CBR's ability to meet NRC License Conditions.

Environmental Assessment



The SERP reviewed the contents of the Environmental Assessment (EA) prepared by NRC in October 2014 to determine whether the proposed change caused substantive safety or environmental impacts. The proposed changes to the License Renewal do not conflict with the EA.

Financial Surety

The proposed changes will have no effect on the level of financial surety maintained by CBR.

Safety Evaluation Report

The Safety Evaluation Report (SER) prepared by NRC in August 2014 principally provides the basis for worker safety at Crow Butte. The proposed change applies to the following sections of the SER:

Section 5.1, Corporate Organization and Administrative Procedures, discusses the relationships of the organizational components responsible for operations, radiation safety, and environmental protection at the Crow Butte site. The proposed change does not alter the organizational position of the RSO, in accordance with organizational changes previously approved by the CBR SERP. Therefore, there is no change to the intent of Section 5.1 of the SER.

The SERP determined that the management structure and responsibilities are consistent with recommendations in Regulatory Guide 8.31, Section 2.1, *Health Physics Authorities and Responsibilities*.

Based on this review, the proposed changes to the Renewed License (November 2014) will have no impact on CBR's ability to continue to meet the commitments cited in the SER.

Technical Evaluation Reports

There have been no Technical Evaluation Reports (TERs) prepared by NRC staff since renewal of SUA-1534 on November 5, 2014.

License Renewal Application (LRA) Approved November 5, 2014

The proposed changes revise Section 5.1, Corporate Organization and Administrative Procedures, in the LRA.

Degradation of Essential Safety or Environmental Commitment



SERP 16-03

SUA-1534 allows CBR to make changes as long as they do not degrade the essential safety or environmental commitments made in the application. The SERP determined that safety commitments made in the LRA and discussed in the EA and the SER are not affected by this review and will not degrade the safety and environmental commitments.

Conclusion

It was the conclusion of the SERP that the proposed change is allowed by License SUA-1534 and should be approved. The revised pages of the license application required in accordance with License Condition 9.4 were reviewed and approved and are attached to this evaluation.

Approved this 9th day of June 2016:

Bob Tiensvold, Restoration Manager
SERP Chairman

Larry Teahon, Manager of Safety, Health, Environment and Quality
SERP Secretary

Tami Dyer, Radiation Safety Officer

Tate Hagman, Plant Supervisor

Sabrina Fox, SHEQ Specialist

CROW BUTTE RESOURCES, INC.



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**Proposed License Renewal Application
Page Changes**

(Edited Version)



CROW BUTTE RESOURCES, INC.

SUA – 1534 License Renewal Application

5 OPERATIONS

CBR operates a commercial-scale in-situ leach uranium mine (the Crow Butte Project) near Crawford, Nebraska. CBR maintains a headquarters in Casper, Wyoming, where site-licensing actions originate. All CBR operations, including the Crow Butte Project operations, are conducted in conformance with applicable laws, regulations, and requirements of the various regulatory agencies. The responsibilities described below have been designed to both ensure compliance and further implement CBR's policy for providing a safe working environment with cost-effective incorporation of the philosophy of maintaining radiation exposures as low as is reasonably achievable (ALARA).

5.1 CORPORATE ORGANIZATION/ADMINISTRATIVE PROCEDURES

CBR will maintain a performance-based approach to the management of the environment and employee health and safety including radiation safety. The Safety, Health, Environment, and Quality Management System (SHEQMS) encompasses licensing, compliance, environmental monitoring, industrial hygiene, and health physics programs under one umbrella, and it includes involvement for all employees from the individual worker to senior management. This SHEQMS will allow CBR to operate efficiently and maintain an effective environment, health, and safety program.

Figure 5.1-1 is a partial organization chart for CBR with respect to the operation of the Crow Butte Uranium Project and associated operations and represents the management levels that play a key part in the SHEQMS Program. The personnel identified are responsible for the development, review, approval, implementation, and adherence to operating procedures, radiation safety programs, environmental and groundwater monitoring programs, as well as routine and non-routine maintenance activities. These individuals may also serve a functional part of the Safety and Environmental Review Panel (SERP) described under **Section 5.3.3**.

Specific responsibilities of the organization are provided below.

5.1.1 Board of Directors

The CBR Board of Directors has the ultimate responsibility and authority for radiation safety and environmental compliance for CBR. The Board of Directors sets corporate policy and provides procedural guidance in these areas. The Board of Directors provides operational direction to the President of CBR.

5.1.2 President

The President is responsible for interpreting and acting upon the Board of Directors' policy and procedural decisions. The President directly supervises the General Manager of US Operations. The President is empowered by the Board of Directors to have the



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responsibility and authority for the radiation safety and environmental compliance programs. The President is responsible for ensuring that the operations staff is complying with all applicable regulations and permit/license conditions through direct supervision of the General Manager of US Operations.

5.1.3 General Manager of US Operations

The General Manager of US Operations is responsible for managing all US Operations. The General Manager of US Operations is responsible for ensuring that Crow Butte personnel comply with Industrial Safety, Radiation Safety, Environmental Protection Programs, and all relevant state and federal regulations. The General Manager of US Operations has the responsibility and the authority to suspend, postpone or modify, immediately if necessary, any activity that is determined to be a threat to employees, public health, the environment, or potentially a violation of state or federal regulations. The General Manager of US Operations reports directly to the President.

5.1.4 Director of Safety, Health, Environment and Quality

The Director of Safety, Health, Environment and Quality reports directly to the President and is responsible for ensuring the corporate personnel comply with industrial safety, radiation safety, and environmental protection programs as stated in the SHEQ Management System. The Director of Safety, Health, Environment and Quality is also responsible for company compliance with all regulatory license conditions/stipulations, regulations and reporting requirements. The Director of Safety, Health, Environment and Quality has the responsibility and authority to terminate immediately any activity that is determined to be a threat to employees or public health, the environment, or potentially a violation of state or federal regulations as indicated in reports from the Manager of Safety, Health, Environment and Quality or the RSO.

5.1.45.1.5 Mine Restoration Manager

The RestorationMine Manager is responsible for all uranium production and restoration activities at the project site. The RestorationMine Manager is also responsible for implementing any industrial and radiation safety and environmental protection programs associated with operations and restoration. The RestorationMine Manager is authorized to immediately implement any action to correct or prevent hazards. The RestorationMine Manager has the responsibility and the authority to suspend, postpone, or modify, immediately if necessary, any activity that is determined to be a threat to employees, public health, the environment, or potentially a violation of state or federal regulations. The RestorationMine Manager cannot unilaterally override a decision for suspension, postponement, or modification if that decision is made by the Manager of Safety, Health,



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Environment and Quality, or the RSO. The Restoration Mine Manager reports directly to the -General Manager of US Operations.

5.1.55.1.6 Manager of Safety Health Environment and Quality

The Manager of Safety, Health, Environment and Quality is responsible for all health and safety, and environmental programs as stated in the SHEQMS Program and for ensuring that CBR complies with all applicable regulatory requirements. The Manager of Safety, Health, Environment and Quality reports directly to the Director of SHEQ Mine Manager. This position assists in the development and review of radiological and environmental sampling and analysis procedures and is responsible for routine auditing of the programs. The Manager of Safety, Health, Environment and Quality has no production-related responsibilities. The Manager of Safety, Health, Environment and Quality also has the responsibility and authority to suspend, postpone, or modify any activity that is determined to be a threat to employees, public health, the environment or potentially a violation of state or federal regulations.

5.1.7 Plant Supervisor

The Plant Supervisor supervises plant operations, including the safe and efficient recovery and processing of uranium oxide while staying within regulatory and technical constraints. The Plant Supervisor is responsible for carrying out any procedures or actions implemented by the Restoration Manager, Manager of SHEQ, or the RSO to correct or prevent radiation safety hazards in the plant. The RSO and the Plant Supervisor are responsible for conducting weekly inspections of all facility areas to observe general radiation control practices and review required changes in procedures and equipment. The Plant Supervisor reports directly to the Restoration Manager.

5.1.65.1.8 Radiation Safety Officer

The RSO is responsible for the development, administration, and enforcement of all radiation safety programs. The RSO is authorized to conduct inspections and to immediately order any change necessary to preclude or eliminate radiation safety hazards and/or maintain regulatory compliance. The RSO is responsible for the implementation of all on-site environmental programs including emergency procedures. The RSO inspects facilities to verify compliance with all applicable requirements in the areas of radiological health and safety. The RSO works closely with all supervisory personnel to ensure that established programs are maintained. The RSO is also responsible for the collection and interpretation of employee exposure-related monitoring including data from radiological safety. The RSO makes recommendations to improvement any and all radiological safety-related controls. The RSO has no production-related responsibilities. The RSO reports directly to the Mine Manager Director of SHEQ. As such, the RSO has a secondary reporting requirement to the General Manager of U.S. Operations President.



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5.1.75.1.9 Health Physics Technician

The Health Physics Technician (HPT) assists the RSO with the implementation of the radiological and industrial safety programs. The HPT is responsible for the orderly collection and interpretation of all monitoring data, to include data from radiological safety and environmental programs. The HPT reports directly to the RSO.

5.1.10 SHEQ Specialist

The SHEQ Specialist assists in the development and submittal of regulatory permits and license applications. Provides analysis and guidance in the areas of Safety, Health, Environment and Quality and is responsible for assisting site management with coordination of the corrective and preventative action process. The SHEQ Specialist maintains and updates documents associated with the activities relating to the SHEQ system. The SHEQ Specialist reports directly to the SHEQ Manager.

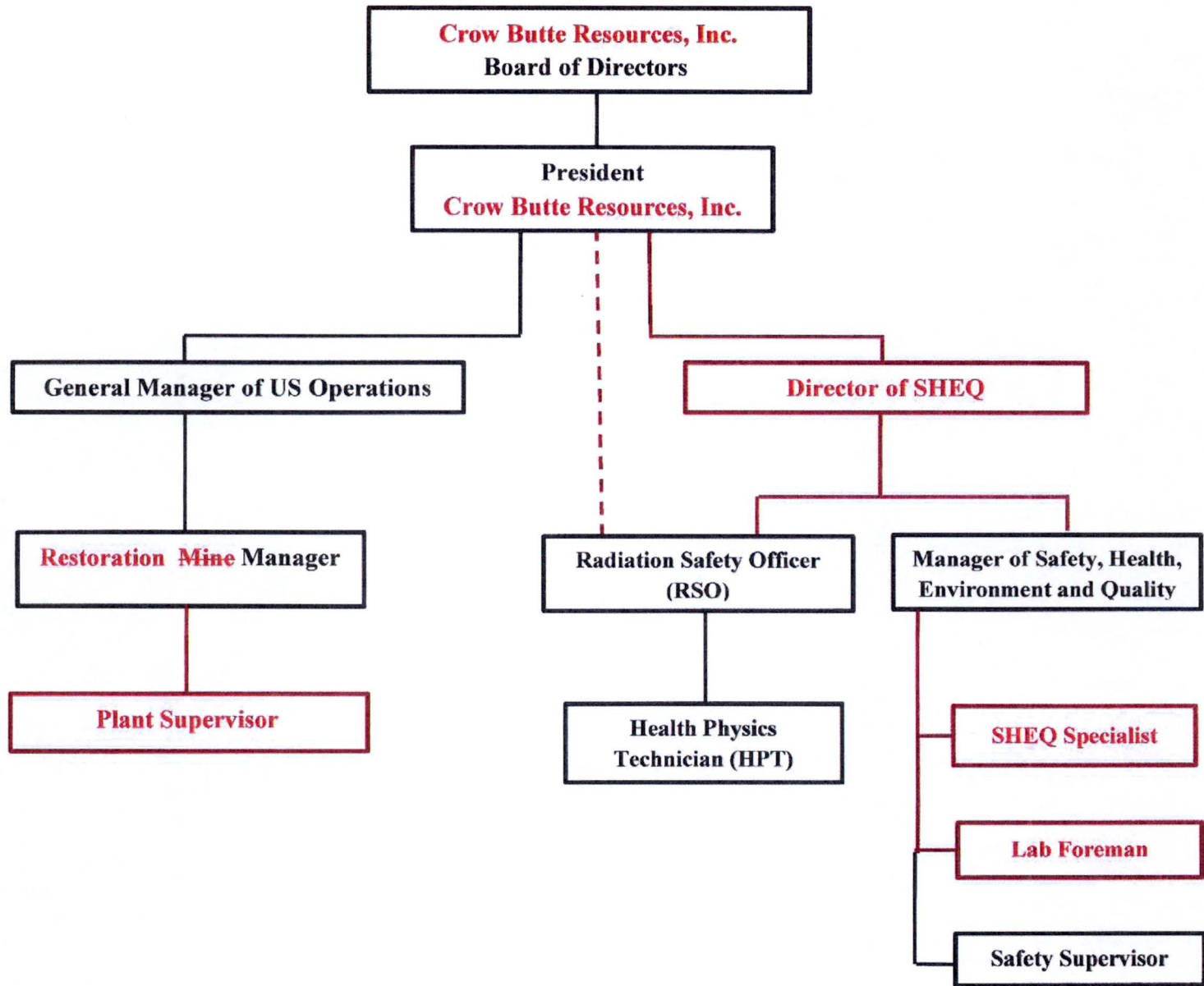
5.1.11 Lab Foreman

The Lab Foreman has direct oversight of the on-site analytical laboratory including implementing laboratory quality assurance procedures. The Lab Foreman is responsible for carrying out any procedures or actions implemented by the Restoration Manager, Manager of SHEQ, or the RSO to correct or prevent radiation safety hazards in the laboratory. The Lab Foreman reports directly to the SHEQ Manager.

5.1.85.1.12 Safety Supervisor

The Safety Supervisor is responsible for the non-radiation-related health and safety programs. The Safety Supervisor is authorized to conduct inspections and to immediately order any change necessary to preclude or eliminate safety hazards and/or maintain regulatory compliance. Responsibilities include the development and implementation of health and safety programs in compliance with Occupational Safety and Health Administration (OSHA) regulations. Responsibilities of the Safety Supervisor include development of industrial safety and health programs and procedures, coordination with the RSO where industrial and radiological safety concerns are interrelated, safety and health training of new and existing employees, and the maintenance of appropriate records to document compliance with regulations. The Safety Supervisor may be a qualified HPT and may function in that capacity when needed. The Safety Supervisor reports directly to the Manager of Safety, Health, Environment and Quality.

Figure 5.1-1: Crow Butte Resources Organizational Chart



CROW BUTTE RESOURCES, INC.



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**Proposed License Renewal Application
Page Changes**

(Replacement Pages Version)



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5 OPERATIONS

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5.1 CORPORATE ORGANIZATION/ADMINISTRATIVE PROCEDURES

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Figure 5.1-1 is a partial organization chart for CBR with respect to the operation of the Crow Butte Uranium Project and associated operations and represents the management levels that play a key part in the SHEQMS Program. The personnel identified are responsible for the development, review, approval, implementation, and adherence to operating procedures, radiation safety programs, environmental and groundwater monitoring programs, as well as routine and non-routine maintenance activities. These individuals may also serve a functional part of the Safety and Environmental Review Panel (SERP) described under **Section 5.3.3**.

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5.1.2 President

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responsibility and authority for the radiation safety and environmental compliance programs. The President is responsible for ensuring that the operations staff is complying with all applicable regulations and permit/license conditions through direct supervision of the General Manager of US Operations.

5.1.3 General Manager of US Operations

The General Manager of US Operations is responsible for managing all US Operations. The General Manager of US Operations is responsible for ensuring that Crow Butte personnel comply with Industrial Safety, Radiation Safety, Environmental Protection Programs, and all relevant state and federal regulations. The General Manager of US Operations has the responsibility and the authority to suspend, postpone or modify, immediately if necessary, any activity that is determined to be a threat to employees, public health, the environment, or potentially a violation of state or federal regulations. The General Manager of US Operations reports directly to the President.

5.1.4 Director of Safety, Health, Environment and Quality

The Director of Safety, Health, Environment and Quality reports directly to the President and is responsible for ensuring the corporate personnel comply with industrial safety, radiation safety, and environmental protection programs as stated in the SHEQ Management System. The Director of Safety, Health, Environment and Quality is also responsible for company compliance with all regulatory license conditions/stipulations, regulations and reporting requirements. The Director of Safety, Health, Environment and Quality has the responsibility and authority to terminate immediately any activity that is determined to be a threat to employees or public health, the environment, or potentially a violation of state or federal regulations as indicated in reports from the Manager of Safety, Health, Environment and Quality or the RSO.

5.1.5 Restoration Manager

The Restoration Manager is responsible for all uranium production and restoration activities at the project site. The Restoration Manager is also responsible for implementing any industrial and radiation safety and environmental protection programs associated with operations and restoration. The Restoration Manager is authorized to immediately implement any action to correct or prevent hazards. The Restoration Manager has the responsibility and the authority to suspend, postpone, or modify, immediately if necessary, any activity that is determined to be a threat to employees, public health, the environment, or potentially a violation of state or federal regulations. The Restoration Manager cannot unilaterally override a decision for suspension, postponement, or modification if that decision is made by the Manager of Safety, Health, Environment and Quality, or the RSO. The Restoration Manager reports directly to the General Manager of US Operations.



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5.1.6 Manager of Safety Health Environment and Quality

The Manager of Safety, Health, Environment and Quality is responsible for all health and safety, and environmental programs as stated in the SHEQMS Program and for ensuring that CBR complies with all applicable regulatory requirements. The Manager of Safety, Health, Environment and Quality reports directly to the Director of SHEQ. This position assists in the development and review of radiological and environmental sampling and analysis procedures and is responsible for routine auditing of the programs. The Manager of Safety, Health, Environment and Quality has no production-related responsibilities. The Manager of Safety, Health, Environment and Quality also has the responsibility and authority to suspend, postpone, or modify any activity that is determined to be a threat to employees, public health, the environment or potentially a violation of state or federal regulations.

5.1.7 Plant Supervisor

The Plant Supervisor supervises plant operations, including the safe and efficient recovery and processing of uranium oxide while staying within regulatory and technical constraints. The Plant Supervisor is responsible for carrying out any procedures or actions implemented by the Restoration Manager, Manager of SHEQ, or the RSO to correct or prevent radiation safety hazards in the plant. The RSO and the Plant Supervisor are responsible for conducting weekly inspections of all facility areas to observe general radiation control practices and review required changes in procedures and equipment. The Plant Supervisor reports directly to the Restoration Manager.

5.1.8 Radiation Safety Officer

The RSO is responsible for the development, administration, and enforcement of all radiation safety programs. The RSO is authorized to conduct inspections and to immediately order any change necessary to preclude or eliminate radiation safety hazards and/or maintain regulatory compliance. The RSO is responsible for the implementation of all on-site environmental programs including emergency procedures. The RSO inspects facilities to verify compliance with all applicable requirements in the areas of radiological health and safety. The RSO works closely with all supervisory personnel to ensure that established programs are maintained. The RSO is also responsible for the collection and interpretation of employee exposure-related monitoring including data from radiological safety. The RSO makes recommendations to improvement any and all radiological safety-related controls. The RSO has no production-related responsibilities. The RSO reports directly to the Director of SHEQ has a secondary reporting requirement to the President.



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5.1.9 Health Physics Technician

The Health Physics Technician (HPT) assists the RSO with the implementation of the radiological and industrial safety programs. The HPT is responsible for the orderly collection and interpretation of all monitoring data, to include data from radiological safety and environmental programs. The HPT reports directly to the RSO.

5.1.10 SHEQ Specialist

The SHEQ Specialist assists in the development and submittal of regulatory permits and license applications. Provides analysis and guidance in the areas of Safety, Health, Environment and Quality and is responsible for assisting site management with coordination of the corrective and preventative action process. The SHEQ Specialist maintains and updates documents associated with the activities relating to the SHEQ system. The SHEQ Specialist reports directly to the SHEQ Manager.

5.1.11 Lab Foreman

The Lab Foreman has direct oversight of the on-site analytical laboratory including implementing laboratory quality assurance procedures. The Lab Foreman is responsible for carrying out any procedures or actions implemented by the Restoration Manager, Manager of SHEQ, or the RSO to correct or prevent radiation safety hazards in the laboratory. The Lab Foreman reports directly to the SHEQ Manager.

5.1.12 Safety Supervisor

The Safety Supervisor is responsible for the non-radiation-related health and safety programs. The Safety Supervisor is authorized to conduct inspections and to immediately order any change necessary to preclude or eliminate safety hazards and/or maintain regulatory compliance. Responsibilities include the development and implementation of health and safety programs in compliance with Occupational Safety and Health Administration (OSHA) regulations. Responsibilities of the Safety Supervisor include development of industrial safety and health programs and procedures, coordination with the RSO where industrial and radiological safety concerns are interrelated, safety and health training of new and existing employees, and the maintenance of appropriate records to document compliance with regulations. The Safety Supervisor may be a qualified HPT and may function in that capacity when needed. The Safety Supervisor reports directly to the Manager of Safety, Health, Environment and Quality.

Figure 5.1-1: Crow Butte Resources Organizational Chart

