

## **Administrative Revisions to License Conditions, Materials License SUA-1534, Crow Butte Resources, Inc.**

### **Introduction**

By letter dated May 16, 2012, Crow Butte Resources, Inc. (CBR) submitted a request to amend existing Materials License SUA-1534 to authorize construction and operation of a satellite facility, the Marsland Expansion Area (MEA). The U.S. Nuclear Regulatory Commission (NRC) staff completed its safety evaluation of the license amendment request to expand licensed activities to MEA on January 27, 2018 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18009A976) and added license conditions specific to MEA in Amendment 3 to Materials License SUA-1534. In addition to the license conditions described in the safety evaluation report, the staff identified additional administrative changes to the license. The purpose of this enclosure is to describe the staff's evaluation of administrative changes to certain license conditions in Amendment 3 of Materials License SUA-1534.

### **Evaluation of Administrative Changes to License Conditions**

#### License Condition 10.2.4 (formerly 10.15)

In-plant radiological monitoring for airborne uranium and radon daughters shall be conducted at the locations shown in Figure 5.8-5 in the approved license application.

This license condition was added to Materials License SUA-1534 either prior to, or during, the 1998 license renewal (ADAMS Accession No. ML081080333). On July 24, 2002, Amendment No. 12 (ADAMS Accession No. ML022060156) was issued to Materials License SUA-1534. The July 24, 2002, amendment incorporated the current license condition 9.4 (ADAMS Accession No. ML17062A588) as a standard license condition and serves as the basis for the performance-based license. Because Materials License SUA-1534 is a performance-based license, the licensee is allowed to make changes to the facility and operating procedures as described in the license application, consistent with the conditions specified in license condition 9.4.

The licensee previously described its in-plant airborne radiation monitoring program for the existing CBR facility (refer to Section 5.8.3 of ADAMS Accession No. ML091470116). This description included Figure 5.8-5, Survey and Sampling Locations, and is incorporated into license condition 9.2 (ADAMS Accession No. ML17062A588) as part of the licensing basis. The staff utilized this description in its analysis of the licensee's in-plant airborne radiation monitoring program for the existing CBR facility (refer to Section 5.7.4 of ADAMS Accession No. ML14149A433).

Because Figure 5.8-5, as described above, is already part of the licensing basis, license condition 10.15 is not necessary as it imposes no additional requirements on the licensee and serves only as a reference to the in-plant airborne radiation monitoring locations. Therefore, this license condition was removed.

#### License Condition 9.5

The current surety amount stated in LC 9.5 was revised to \$47,740,447 in accordance with a letter from the NRC to CBR dated March 7, 2018 (ADAMS Accession No. ML18045A065).

## License Condition Adjustments for Clarity

In Sections 10 and 11 of Amendment 3 of Materials License SUA-1534, new MEA license conditions were sectioned off from existing license conditions that are specific to the CBR Project and standard licenses conditions that apply to both the MEA and the CBR Project. This organization of license conditions resulted in changes to the numbering of the license conditions. Where referenced within the license, the license condition numbers have also been updated to be consistent within Amendment 3. The changes to the numbering of the license conditions are provided in the reference table below.

**The NRC Materials License SUA-1534,  
Amendment 3 License Condition Reference Table**

<b>License Condition numbers in Amendment 3</b>	<b>License Condition numbers in prior versions<sup>1</sup></b>
9.1 to 9.12	Same
9.13	n/a
10.1.1	10.1
10.1.2	10.3
10.1.3	10.4
10.1.4	10.5
10.1.5	10.6
10.1.6	10.7
10.1.7	10.8
10.1.8	10.9
10.1.9	10.10
10.1.10	10.11
10.1.11	10.12
10.1.12	10.14
10.2.1	10.2
10.2.2	10.6 (last ¶)
10.2.3	10.13
10.2.4	10.15
10.2.5	10.16

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<sup>1</sup> The prior version in Amendment 2 (ADAMS Accession No. ML17062A588) and the License Renewal (ADAMS Accession No. ML13324A101) of Materials License SUA-1534 (ADAMS Accession No ML17062A588). License condition numbering was the same in both prior versions. License conditions marked “n/a” are new in Amendment 3 and specific to MEA.

<b>License Condition numbers in Amendment 3</b>	<b>License Condition numbers in prior versions<sup>1</sup></b>
10.2.6	10.17
10.2.7	10.18
10.2.8	10.19
10.3.1	n/a
10.3.2	n/a
10.3.3	n/a
10.3.4	n/a
11.1.1	11.1
11.1.2	11.2
11.1.3	11.3
11.1.4	11.4
11.1.5	11.5
11.1.6	11.6
11.1.7	11.7
11.1.8	11.8
11.1.9	11.10
11.1.10	11.11
11.2.1	11.9
11.2.2	11.12
11.2.3	11.13
11.2.4	11.14
11.2.5	11.15
11.2.6	11.16
11.3.1	n/a
11.3.2	n/a
11.3.3	n/a
11.3.4	n/a
12.1	n/a
12.2	n/a
12.3	n/a
12.4	n/a
12.5	n/a

The following revisions to license conditions were performed to provide clarity. Please note that new text added to the license condition is underlined and text being removed is struck out.

License Condition 9.3

All written notices and reports sent to the U.S. Nuclear Regulatory Commission (NRC) as required under this license and by regulation shall be addressed as follows: ATTN: Document Control Desk Director, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. An additional copy shall be submitted to: 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-5A10T-8F5~~, 11545 Rockville Pike, Two White Flint North, Rockville, MD 20852-2738. Incidents and events that require telephone notification shall be made to the NRC Operations Center at (301) 816-5100 (collect calls accepted).

First Paragraph of License Conditions 11.2.1 (formerly 11.9)

The licensee shall perform and document inspections of the evaporation ponds in accordance with the May 22, 2017, revision to its Evaporation Pond Onsite Inspection Program (ML17142A383).

License Condition 11.2.3 (formerly 11.13)

The licensee shall establish and conduct an effluent and environmental monitoring program in accordance with the program described in Sections 5.8.7 (Airborne Effluent and Environmental Monitoring Programs) and 5.8.8 (Groundwater/Surface Water Monitoring Program) of the approved application dated November 27, 2007 (ADAMS package ML073480264) as revised by verification submittals dated January 2, 2015, May 11, 2015, June 30, 2015, September 21, 2015, November 24, 2015, and December 4, 2015.