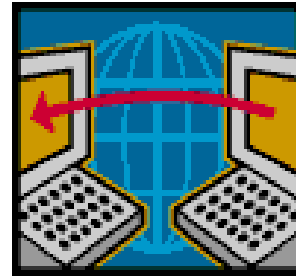




UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV
612 EAST LAMAR BLVD., SUITE 400
ARLINGTON, TEXAS 76011-4125

EMAIL



Name: Richard L. Swindell License: 11-27313-01
Docket: 030-32198
Organization: Thompson Creek Mining Company Control: 575373
Phone: 208-838-3534
E-mail Address: rswindell@tcreek.com
From: Jacqueline D. Cook
Date: December 1, 2011
Subject: Application dated June 9, 2011 for License Renewal
Pages: 3

Mr. Swindell:

Per your application dated June 9, 2011, the items on the next page are deficiencies which require your response. **Please respond to this e-mail by Wednesday, December 7, 2011. Please note that I am out of the office Monday, December 5-Friday, December 9, 2011, returning to the office on Monday, December 12, 2011.** If you are unable to respond by this due date, please don't hesitate to contact Ms. Simmons so you both can discuss an extension to the date. Our fax number is (817) 860-8263. You may respond by e-mail in pdf format if you'd like. **Please submit your response to Michelle Simmons @ Michelle.Simmons@nrc.gov or please contact her at 817-276-6590 if you have any questions.** When responding to this e-mail, please include the license, docket and control numbers located at the top of this page.

Thanking you in advance for your cooperation, assistance, and prompt response in this matter.

/RA/

Jacqueline D. Cook
Senior Health Physicist

1. Please commit that “Before being named as the RSO, future RSOs will have successfully completed the training described in Criteria in the section entitled ‘Radiation Safety Officer’ in NUREG-1556, Vol. 4, ‘Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Fixed Gauges Licenses,’ dated October 1998. Within 30 days of naming a new RSO, we will submit the new RSO’s name to NRC to include in our license.”

2. Please provide either of the following:

- The statement: “Before using licensed materials, authorized users will have successfully completed one of the training courses described in Criteria in the section entitled ‘Authorized Users’ in NUREG-1556, Vol. 4, ‘Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Fixed Gauge Licenses,’ dated October 1998.”

OR

- A description of the training and experience for proposed authorized users.

3. Please provide one of the following:

- A statement that: “We will ensure that the location of each fixed gauge meets the criteria in the section entitled ‘Facilities and Equipment’ in NUREG-1556, Vol. 4, ‘Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Fixed Gauge Licenses,’ dated October 1998.”

OR

- Confirm that the fixed gauges are secured to prevent unauthorized removal or access; and submit specific information demonstrating that the proposed conditions will not impact the safety or integrity of the source or device. Address any instances where the proposed conditions exceed any conditions listed in the SSD Registration Certificate.

4. Please confirm that you will perform a prospective evaluation demonstrating that unmonitored individuals are not likely to receive, in one year, a radiation dose in excess of 10% of the allowable limits in 10 CFR Part 20.

5. Please note that page 19 of the Radiation Safety Program (RSP) concludes with 4.8.5 Disposal Gauge Use Procedures; whereas, page 20 of the RSP starts with “Test each gauge.....on.” It appears that the 1st part of section 4.9.1 of the operating procedures is missing. Please explain this discrepancy.

6. A. Please expand section 4.9.2 of your RSP to include the following elements:
- Stop use of the gauge.
 - Restrict access to the area.
 - Contact responsible individuals. (Telephone numbers for the RSO, AUs, the gauge manufacturer or distributor, fire department or other emergency response organization, as appropriate, and the NRC should be posted or easily accessible).
- B. Please confirm the following:
- Copies of operating and emergency procedures will be provided to all gauge users.
 - Post copies of operating and emergency procedures at each location of use or if posting procedures is not practicable, post a notice which briefly describes the procedures and states where they may be examined.
7. Please provide one of the following three alternatives:
- A statement that: "Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services to other licensees or using a leak test kit supplied by an organization authorized by NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier's instructions."
- OR**
- A statement that: "We will implement the model leak test program published in Appendix M to NUREG-1556, Vol. 4, 'Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Fixed Gauge Licenses,' dated October 1998,"
- OR**
- A description of alternative equipment and/or procedures for determining whether there is any radioactive leakage from sources contained in gauges.