UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
1600 E LAMAR BLVD
ARLINGTON, TX 76011-4511

January 23, 2020

James H. Grice, III, Program Manager
Radiation Program
Hazardous Materials
and Waste Management Division
Colorado Department of Public Health
and Environment
HMWMD-RAD-B2
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Mr. Grice:

In order to help the Agreement States and the U.S. Nuclear Regulatory Commission (NRC) remain knowledgeable of each other's program, the NRC conducts one-day periodic meetings with Agreement States between IMPEP reviews. This letter confirms that, through previous coordination, the meeting has been scheduled for April 8, 2020, and will be held in your offices. The meeting will be conducted in accordance with Office of Federal and State Materials and Environmental Management Programs Procedure SA-116, *Periodic Meetings Between IMPEP Reviews*.

The likely topics for discussion at this meeting are listed in the enclosed agenda. If there are any additional specific topics you would like to cover, or if you would like to focus on a specific area, please let me know. If you have any questions, please contact me at (817) 200-1143 or via e-mail at randy.erickson@nrc.gov.

Sincerely,

/RA/

Randy Erickson
Regional State Agreements Officer
Division of Nuclear Materials Safety

Enclosure:
Agenda for April 8, 2020
Periodic Meeting with Colorado

Distribution:
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ML20023C163 ***Signed via E-Mail**

X SUNSI Review By: RRE		ADAMS **X** Yes ☐ No	**X** Publicly Available ☐ Non-Publicly Available		**X** Non-Sensitive ☐ Sensitive		Keyword:
OFFICE	RIV:RSAO						
NAME	RErickson						
SIGNATURE	RErickson*						
DATE	1/23/20						

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Agenda for Periodic Meeting with the Colorado Department of Health
April 8, 2020

Topic areas for discussion during the meeting may include:

1. Program challenges.

2. Program reorganizations:

3. Changes in program budget/funding.

4. Status of the State's program, including:

   a. Technical Staffing and Training (2018 IMPEP Rating: Satisfactory)

      - Number of staff in the program and status of their training and qualifications.
      - Any program vacancies.
      - Staff turnover since the last IMPEP review.
      - Adequacy of FTEs for the materials program.
      - Status of implementation of IMC 1248

   b. Status of the Materials Inspection Program (2018 IMPEP Rating: Satisfactory)

      - Number of inspections performed overdue since the last IMPEP review.
      - Number of inspections currently overdue.
      - Number of initial inspections completed on time and overdue since the last IMPEP review.
      - Status of reciprocity inspections since the last IMPEP.

   c. Technical Quality of Inspections (2018 IMPEP Rating: Satisfactory)

      - Status of inspector accompaniments
      - Management review process
      - Significant inspection activities/challenges

d. Technical Quality of Licensing (2018 IMPEP Rating: Satisfactory)

- Number of licensing actions and types performed since the last IMPEP review.
- Large, complicated, or unusual authorizations for use of radioactive materials.

e. Technical Quality of Incidents and Allegations (2018 IMPEP Rating: Satisfactory)

- Status of allegations and concerns referred by the NRC for action
- Significant events and generic implications
- Event reporting, including follow-up and closure information in NMED

f. Compatibility Requirements (2018 IMPEP Rating: Satisfactory)

- Discussion of State's regulatory process
- Discuss status of State's regulations and actions to keep regulations up to date, including the use of legally binding requirements
- Legislative changes affecting the program

g. Status of the Sealed Source Device Evaluation Program (2018 IMPEP Rating: Satisfactory)

- Staffing and Training
- Product Evaluation
- Evaluation of Defects and Incidents

h: Uranium Recovery: Technical Staffing and Training (2018 IMPEP Rating: Satisfactory)

- Number of staff in the program and status of their training and qualifications
- Any program vacancies
- Staff turnover since the last IMPEP review

- Adequacy of FTEs for the uranium recovery program

i: Uranium Recovery: Status of the Inspection Program (2018 IMPEP Rating: Satisfactory)

- Number of inspections performed overdue since the last IMPEP review
- Number of inspections currently overdue
- Number of initial inspections completed on time and overdue since the last IMPEP review

j: Uranium Recovery: Technical Quality of Inspections (2018 IMPEP Rating: Satisfactory)

- Status of inspector accompaniments
- Management review process
- Significant inspection activities/challenges

k. Uranium Recovery: Technical Quality of Licensing (2018 IMPEP Rating: Satisfactory)

- Number of licensing actions and types performed since the last IMPEP review.

l: Uranium Recovery: Technical Quality of Incidents and Allegations (2018 IMPEP Rating: Satisfactory)

- Status of allegations and concerns referred by the NRC for action
- Significant events and generic implications
- Event reporting, including follow-up and closure information in NMED

<u>Updates on the following sites</u>:

There were no operational facilities in the State at the time of the 2018 IMPEP review except for the Cotter Corporation Schwartzwalder Mine which is a water treatment facility. All of the remaining facilities were in standby, storage-only or decommissioning status.

Uranium recovery sites:

- Energy Fuels Resources Piñon Ridge Mill
- Cotter Corporation Cañon City Mill
- Umetco Uravan Mill
- Hecla Durita Mill
- Sweeney Mill
- George E. Davis Mill

Uranium decay chain contamination sites:

- Cotter Corporation Schwartzwalder Mine
- Colorado School of Mines Creekside
- Colorado School of Mines Research Institute Table Mountain Research Center

5. Information exchange and discussion:

   a. Current State initiatives

   b. Emerging technologies

   c. Large, complicated, or unusual authorizations for use of radioactive materials

   d. State's mechanisms to evaluate performance

   e. NRC current initiatives

6. Additional Topics