



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

March 24, 2016

Jennifer Opila, Manager
Radiation Control Program
Hazardous Material & Waste
Management Division
Colorado Department of Public
Health & Environment
HMWMD-RAD-B2
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Opila:

In order to help the Agreement States and the U.S. Nuclear Regulatory Commission (NRC) remain knowledgeable of each other's program and to initiate planning for the next Integrated Materials Performance Evaluation Program (IMPEP) review, the NRC conducts one-day periodic meetings with Agreement States between IMPEP reviews.

In accordance with the Office of Nuclear Material Safety and Safeguards (NMSS) Procedure SA-116, "Periodic Meetings between IMPEP Reviews," and after previous coordination with you, we have scheduled the periodic meeting for Thursday, May 5, 2016. The meeting will be held at the Radiation Control Program offices in Denver, Colorado. In addition to myself, staff and management from NMSS and NRC's Region IV office may also attend the meeting.

Based on our previous discussions, the likely topics for discussion at the meeting are listed on 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 call 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 Periodic Meeting with Colorado Department of Public Health & Environment

In order to help the Agreement States and the U.S. Nuclear Regulatory Commission (NRC) remain knowledgeable of each other's program and to initiate planning for the next Integrated Materials Performance Evaluation Program (IMPEP) review, the NRC conducts one-day periodic meetings with Agreement States between IMPEP reviews.

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Enclosure:

Agenda for Periodic Meeting with Colorado Department of Public Health & Environment

DISTRIBUTION:

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Lisa Dimmick, NMSS
Duncan White, NMSS

Binesh Tharakan, RSAO
Randy Erickson, RSAO

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|---|-----------|--|--|---|--|---|--|----------|
| <input checked="" type="checkbox"/> SUNSI Review By: RRE | | ADAMS <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | <input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available | | <input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive | | Keyword: |
| OFFICE | RIV:RSAO | | | | | | | |
| NAME | RErickson | | | | | | | |
| SIGNATURE | /RA/ | | | | | | | |
| DATE | 03/24/16 | | | | | | | |

OFFICIAL RECORD COPY

**Agenda for Periodic Meeting with Colorado Department of Public Health & Environment
May 5, 2016**

Topic areas for discussion during the meeting may include:

1. Program challenges.
2. Program reorganizations:

Discuss any changes to the program organization, including program/staff relocations and new appointments.
3. Changes in program budget/funding.
4. Feedback on the NRC's program.
5. Status of the State's program, including:
 - a. Technical Staffing and Training (2014 IMPEP Rating: Satisfactory)
 - i) Number of staff in the program and status of their training and qualifications.
 - ii) Any program vacancies.
 - iii) Staff turnover since the last IMPEP review.
 - iv) Adequacy of FTEs for the materials program.
 - v) Status of implementation of IMC 1248
 - b. Status of the Materials Inspection Program (2014 IMPEP Rating: Satisfactory)
 - i) Total number of Priority 1, 2, and 3 inspections performed since the last IMPEP review.
 - ii) Number of Priority 1, 2, and 3 inspections performed overdue since the last IMPEP review.
 - iii) Number of inspections currently overdue.
 - iv) Number of initial inspections completed on time and overdue since the last IMPEP review.
 - v) Status of reciprocity inspections performed since the last IMPEP review.
 - c. Technical Quality of Inspections (2014 IMPEP Rating: Satisfactory)
 - i) Status of inspector accompaniments.
 - ii) Management review process
 - iii) Significant inspection activities/challenges

- d. Technical Quality of Licensing (2014 IMPEP Rating: Satisfactory)
 - i) Number of licensees in the State.
 - ii) Number of licensing actions and types performed since the last IMPEP review.
 - iii) Number of licenses currently under timely renewal.
 - iv) Discussion of the use of pre-licensing guidance.
 - v) Large, complicated, or unusual authorizations for use of radioactive materials.
- e. Technical Quality of Incidents and Allegations (2014 IMPEP Rating: Satisfactory)
 - i) Number of events reported to NMED since the last IMPEP review.
 - ii) Status of allegations and concerns referred by NRC for action.
 - iii) Significant events and generic implications.
 - iv) Event reporting, including follow-up and closure information in NMED.
- f. Compatibility Requirements (2014 IMPEP Rating: Unsatisfactory)
 - i) Regulations
 - a. Discussion of State's regulatory process
 - b. Discuss status of State's regulations and actions to keep regulations up to date, including the use of legally binding requirements.
 - ii) Significant legislative changes affecting the program since the last IMPEP review.
- g. Sealed Source and Device Evaluation Program (2014 IMPEP Rating: Satisfactory)
 - i) Number of SS&D actions since the last IMPEP review and their type.
 - ii) Technical Staffing and Training
 - a. Number of qualified SSD reviewers and their signature authority.
 - b. Number of current or anticipated program vacancies.
 - c. Staff turnover since the last IMPEP review.
 - iii) Technical Quality of the Product Evaluation Program
 - a. Number of cases since the last IMPEP review to include new cases, amendments, inactivations and transfers.
 - iv) Evaluation of Defects and Incidents Regarding SS&Ds
 - a. Any cases noted involving manufacturing defects since the last IMPEP review?

- h. Uranium Recovery Technical Staffing and Training (2014 IMPEP Rating: Satisfactory)
 - i) Number of staff in the program and status of their training and qualifications.
 - ii) Any program vacancies.
 - iii) Staff turnover since the last IMPEP review.
 - iv) Adequacy of FTEs for the materials program.
 - i. Uranium Recovery Status of the Inspection Program (2014 IMPEP Rating: Satisfactory)
 - i) Number of inspection performed overdue since the last IMPEP review.
 - ii) Number of inspections currently overdue.
 - iii) Number of initial inspections completed on time and overdue since the last IMPEP review.
 - j. Uranium Recovery Technical Quality of Inspections (2014 IMPEP Rating: Satisfactory)
 - i) Status of inspector accompaniments.
 - ii) Management review process
 - iii) Significant inspection activities/challenges
 - k. Uranium Recovery Technical Quality of Licensing (2014 IMPEP Rating: Satisfactory)
 - i) Number of licensing actions and types performed since the last IMPEP review.
 - l. Uranium Recovery Technical Quality of Incidents and Allegations (2014 IMPEP Rating: Satisfactory)
 - i) Status of allegations and concerns referred by the NRC for action.
 - ii) Significant events and generic implications.
 - iii) Event reporting, including follow-up and closure information in NMED.
6. Updates on the following sites:
- Energy Fuels Resources Piñon Ridge Mill
 - Cotter Corporation Cañon City Mill
 - Umetco Uravan Mill
 - Hecla Durita Mill
 - Sweeney Mill
 - George E. Davis Mill
 - Cotter Corporation Schwartzwalder Mine

- Colorado School of Mines Creekside
- Colorado School of Mines Research Institute Table Mountain Research Center

7. Updates on points of legislative incompatibility:

- Radioactive waste definition
- Classified material definition
- Radioactive definitions
- Terms are not defined in legislation
- Provisional licenses
- Financial surety calculations
- Hearing Requirements

8. Information Exchange:

- i) Current State initiatives
- ii) Current NRC initiatives
- iii) Emerging Technologies

9. Next Steps/Meeting Summary/Q&A