UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 7, 2005

Mr. Steve Tarlton, Unit Manager
Radioactive Materials Management Unit
Hazardous Materials & Waste Management Div.
Colorado Dept. of Public Health & Environment
4300 Cherry Creek Drive South
Denver, CO 80246-1530

Dear Mr. Tarlton:

As you are aware, the U.S. Nuclear Regulatory Commission (NRC) is using the Integrated Materials Performance Evaluation Program (IMPEP) for evaluation of Agreement State Programs. Per our discussion, I will be the team leader for the IMPEP review of the Colorado program scheduled for the week of August 1, 2005. The team will include Vivian Campbell, NRC Region IV, Robert Evans, NRC Region IV, Kathy Modes, NRC Region I, and Debbie Gilley, Florida.

Enclosed is the document, "IMPEP Questionnaire." The questionnaire is being furnished to you electronically as well as in printed form. I ask that you send your responses to me by Internet at: LAB@NRC.GOV or return the disk to me by July 8, 2005. I am sending the document and disk in advance of the IMPEP review in order to provide time for you to allocate the staff resources necessary to complete the document by the due date.

Part A of the questionnaire contains questions on the common performance indicators. Part B contains questions on the non-common performance indicators for Agreement States.

Also included with the questionnaire is the document "Materials Requested to be Available for Onsite Portion of an IMPEP Review." We encourage States to have the items listed prepared prior to the IMPEP team's arrival.

I request that you set up an appointment with the appropriate State Senior Management Official to discuss the results of the IMPEP review of the Colorado program on Friday August 5, 2005.

If you have any questions, please call me at 301-415-2327.

Sincerely,

Lloyd A. Bolling, Team Leader
Office of State and Tribal Programs

Enclosures:
As stated

cc: Joseph Schiefflin, Program Manager
Compliance Program

Steve Tarlton

Distribution:
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SISP Review Complete

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No. 3150-0183
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INTEGRATED MATERIALS PERFORMANCE EVALUATION PROGRAM

QUESTIONNAIRE

State of Colorado
Reporting Period: February 9, 2001, to August 1, 2005

Note: If there has been no change in the response to a specific question since the last IMPEP questionnaire, the State or Region may copy the previous answer if appropriate. Please note that previous IMPEP questionnaires responses can be found on the STP webpage.

A. COMMON PERFORMANCE INDICATORS

I. Technical Staffing and Training

1. Please provide the following organization charts, including names and positions:

   (a) A chart showing positions from Governor down to Radiation Control Program Director;

   (b) A chart showing positions of current radiation control program including management; and

   (c) Equivalent charts for sealed source and device, low level radioactive waste and uranium recovery programs, if applicable

2. Please provide a staffing plan, or complete a listing using the suggested format below, of the professional (technical) person-years of effort applied to the agreement or radioactive material program by individual. Include the name, position, and, for Agreement States, the fraction of time spent in the following areas: administration, materials licensing & compliance, emergency response, LLW, U-mills, other. If these regulatory responsibilities are divided between offices, the table should be consolidated to include all personnel contributing to the radioactive materials program. Include all vacancies and identify all senior personnel assigned to monitor work of junior personnel. If consultants were used to carry out the program's radioactive materials responsibilities, include their efforts. The table heading should be:

Name	Position	Area of Effort	FTE%

[1] Estimated burden per response to comply with this voluntary collection request: 53 hours Forward comments regarding burden estimate to the Records Management Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, and to the Paperwork Reduction Project (3150-0183), Office of Management and Budget, Washington, DC 20503. If an information collection does not display a currently valid OMB control number, NRC may not conduct or sponsor, and a person is not required to respond to, the information collection

3. Please provide a listing of all new professional personnel hired since the last review, indicate the degree(s) they received, if applicable, and additional training and years of experience in health physics, or other disciplines, if appropriate.

4. Please list all professional staff who have not yet met the qualification requirements of license reviewer/materials inspection staff (for NRC, Inspection Manual Chapter (IMC) 1246; for Agreement States, please enclose a copy of your qualification and training procedure. If you do not have a written procedure please describe your qualifications requirements for materials license reviewers and inspectors). For each, list the courses or equivalent training/experience they need to attend and a tentative schedule for completion of these requirements.

5. Please identify the technical staff who left the Agreement State/Regional DNMS program during this period.

6. List the vacant positions in each program, the length of time each position has been vacant, and a brief summary of efforts to fill the vacancy.

7. Does the Agreement State program have an oversight board or committee which provides direction to the program and is composed of licensees and other members of the public? If so, please describe the procedures used to avoid a conflict of interest.

II. <u>Status of Materials Inspection Program</u>

8. Please identify individual licensees or categories of licensees the State/Region is inspecting more or less frequently than called for in IMC 2800 and state the reason for the difference.

9. Please provide for the review period, the number of Priority 1, 2, and 3 inspections as identified in IMC 2800 that were completed and the number of initial inspections that were completed.

10. Please submit a table, or a computer printout, that identifies inspections of Priority 1, 2, and 3 licensees, and initial inspections that are presently overdue or which were conducted at intervals that exceed the IMC 2800 frequencies over the course of the entire review period. (See STP Procedure SA-101, *Reviewing the Common Performance Indicator, Status of Materials Inspection Program*, for detailed guidance in preparing this information).

    At a minimum, the list should include the following information for each inspection that is overdue or conducted overdue during the review period:

    (1) Licensee Name
    (2) License Number
    (3) Priority
    (4) Last inspection date or license issued date if initial inspection
    (5) Date Due

(6) Date Performed
(7) Amount of Time Overdue
(8) Date inspection findings issued

11. If you have any overdue inspections, do you have an action plan for completing them? If so, please describe the plan or provide a written copy with your response to this questionnaire.

12. Please provide the number of reciprocity licensees that were candidates for inspection per year as described in NRC IMC 1220 and the number of candidate reciprocity inspections that were completed each year during the review period.

III. Technical Quality of Inspections

13. What, if any, changes were made to your written inspection procedures during the reporting period?

14. Prepare a table showing the number and types of supervisory accompaniments made during the review period. Include:

Inspector	Supervisor	License Category	Date

15. Describe internal procedures for conducting supervisory accompaniments of inspectors in the field.

16. Describe or provide an update on your instrumentation, methods of calibration and laboratory capabilities. Are all instruments properly calibrated at the present time? Were there sufficient calibrated instruments available through the review period?

IV. Technical Quality of Licensing Actions

17. How many specific radioactive material licenses does the Program regulate at this time?

18. Please identify any major, unusual, or complex licenses which were issued, received a major amendment, were terminated, decommissioned, submitted a bankruptcy notification or renewed in this period. Also identify any new or amended licenses that now require emergency plans.

19. Discuss any variances in licensing policies and procedures or exemptions from the regulations granted during the review period.

20. What, if any, changes were made in your written licensing procedures (new procedures, updates, policy memoranda, etc.) during the reporting period?

21. Identify by licensee name, license number and type, any renewal applications that have been pending for one year or more. Please indicate why these reviews have been delayed.

V. Responses to Incidents and Allegations

22. For Agreement States, please provide a list of any reportable incidents not previously submitted to NRC (See STP Procedure SA-300, Reporting Material Events for additional guidance, OMB clearance number 3150-0178). The list should be in the following format:

Licensee Name	License #	Date of Incident/Report	Type of Incident

23. During this review period, did any incidents occur that involved equipment or source failure or approved operating procedures that were deficient? If so, how and when were other State/NRC licensees who might be affected notified? For States, was timely notification made to NRC? For Regions, was an appropriate and timely PN generated? For Agreement States, was information on the incident provided to the agency responsible for evaluation of the device for an assessment of possible generic design deficiency? Please provide details for each case.

24. Identify any changes to your procedures for handling allegations that occurred during the period of this review.

VI. General

25. Please prepare a summary of the status of the State's or Region's actions taken in response to the comments and recommendations following the last review. Provide the results of any program audits (including self audits) completed during the review period.

26. Provide a brief description of your program's strengths and weaknesses. These strengths and weaknesses should be supported by examples of successes, new initiatives, problems or difficulties which occurred during this review period.

B. NON-COMMON PERFORMANCE INDICATORS

I. Legislation and Program Elements Required for Compatibility

27. Please list all currently effective legislation that affects the radiation control program.

28. Are your regulations subject to a "Sunset" or equivalent law? If so, explain and include the next expiration date for your regulations.

29. Please review and verify that the information in the enclosed State Regulation Status sheet is correct. For those regulations that have not been adopted by the State, explain why they were not adopted, and discuss actions being taken to adopt them.

    If legally binding requirements were used in lieu of regulations, please describe their use.

30. If you have not adopted all amendments within three years from the date of NRC rule promulgation, briefly describe your State's procedures for amending regulations in order to maintain compatibility with the NRC, showing the normal length of time anticipated to complete each step.

II. Sealed Source and Device Program

31. Prepare a table listing new and amended (including transfers to inactive status) SS&D registrations of sealed sources and devices issued during the review period. The table heading should be:

SS&D Registry Number	Manufacturer, Distributor or Custom User	Product Type or Use	Date Issued	Type of Action

32. What guides, standards and procedures are used to evaluate registry applications?

33. Please include information on the following questions in Section A, as they apply to the Sealed Source and Device Program:

    Technical Staffing and Training - Questions 1-7
    Technical Quality of Licensing Actions - Questions 17-21
    Responses to Incidents and Allegations - Questions 22-24

III. Low-Level Radioactive Waste Disposal Program

34. Please include information on the following questions in Section A, as they apply to the Low-Level Radioactive Waste Disposal Program:

    Technical Staffing and Training - Questions 1-7
    Status of Materials Inspection Program - Questions 8-11
    Technical Quality of Inspections - Questions 13-16
    Technical Quality of Licensing Actions - Questions 17-21
    Responses to Incidents and Allegations - Questions 22-24

IV. Uranium Recovery Program

35. Please include information on the following questions in Section A, as they apply to the Uranium Recovery Program:

Technical Staffing and Training - Questions 1-7
Status of Materials Inspection Program - Questions 8-11
Technical Quality of Inspections - Questions 13-16
Technical Quality of Licensing Actions - Questions 17-21
Responses to Incidents and Allegations - Questions 22-24

MATERIALS REQUESTED TO BE AVAILABLE FOR
THE ONSITE PORTION OF AN IMPEP REVIEW

Please have the following information available for use by the IMPEP review team when they arrive at your office:

- ☐ List of open license cases, with date of original request, and dates of follow up actions
- ☐ List of licenses terminated during review period.
- ☐ Copy of current log or other document used to track licensing actions
- ☐ Copy of current log or other document used to track inspections
- ☐ List of Inspection frequency by license type
- ☐ List of all allegations occurring during the review period. Show whether the allegation is open or closed and whether it was referred by NRC

ALSO, PLEASE HAVE THE FOLLOWING DOCUMENTS AVAILABLE:

- ☐ All State regulations
- ☐ Statutes affecting the regulatory authority of the state program
- ☐ Standard license conditions
- ☐ Technical procedures for licensing, model licenses, review guides
- ☐ SS&D review procedures
- ☐ Instrument calibration records
- ☐ Inspection procedures and guides
- ☐ Inspection report forms
- ☐ Records of results of supervisory accompaniments of inspectors
- ☐ Emergency plan and communications list
- ☐ Procedures for investigating allegations
- ☐ Procedures for investigating incidents
- ☐ Enforcement procedures, including procedures for escalated enforcement, severity levels, civil penalties (as applicable)
- ☐ Job descriptions