



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
2100 RENAISSANCE BLVD., SUITE 100
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

March 29, 2022

James Grice, Director
Colorado Department of Public Health and Environment
HMWM-RAD-B2
4300 Cherry Creek Drive South
Denver, CO 80246-1530

Dear Mr. Grice:

The U.S. Nuclear Regulatory Commission (NRC) uses the Integrated Materials Performance Evaluation Program (IMPEP) for the evaluation of Agreement State programs. Per our previous discussion, I will be the team leader for the IMPEP review of the Colorado Agreement State Program scheduled for May 2-6, 2022. The review team will include Randy Erickson NRC Region IV; Stephen Poy, NRC NMSS; Thomas Lancaster, NRC NMSS; Gehan Flanders, NRC Region III; Stuart Belva, State of Tennessee; and an additional team member to be determined.

Enclosed is the "Integrated Materials Performance Evaluation Program Questionnaire." Based on previous conversations, you have received and are working on the questionnaire. I ask that you send your responses to the questionnaire via e-mail to Farrah.Gaskins@nrc.gov by April 18, 2022. I encourage you to use electronic documents and provide them in advance of the review to the extent possible.

Also included with the questionnaire is the document "Materials Requested to Be Available for the On-Site Portion of an IMPEP Review." We encourage you to have these items prepared prior to the IMPEP team's arrival.

Finally, I request that you set up an appointment with the appropriate Senior Managers to discuss the preliminary results of the IMPEP review on May 6, 2022. If you have any questions, please call me at (610) 337-5143.

Sincerely,

Farrah C. Gaskins
Regional State Agreements Officer
Division of Radiological Safety and Security
U.S. NRC Region I

Enclosures:
IMPEP Questionnaire
State Regulation Summary Sheet

Distribution:

KWilliams, NMSS
 TClark, NMSS
 RJohnson, NMSS
 DWhite, NMSS
 BWellington, RI
 TBloomer, RI
 MMuessle, RIV
 GMiller, RIV
 RErickson, RIV
 JCook, RIV
 SPoy, NMSS
 TLancaster, NMSS
 GFlanders, RIII
 SBelva, TN

DOCUMENT NAME: S:\State Agreement Files\IMPEP\Colorado IMPEP 2022\2022 CO IMPEP Scheduling and Questionnaire Letter (1).docx

<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
OFFICE	Region I				
NAME	FGaskins /RA/				
DATE	3/29/22				

OFFICIAL RECORD COPY

INTEGRATED MATERIALS PERFORMANCE EVALUATION PROGRAM
QUESTIONNAIRE

Reporting Period: April 13, 2018 – May 6, 2022

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.

GENERAL

1. Please prepare a summary of the status of the State's or Region's actions taken in response to each of the open recommendations from previous IMPEP reviews.

COMMON PERFORMANCE INDICATORS

Technical Staffing and Training

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

A chart showing positions from the Governor down to the Radiation Control Program Director;

A chart showing positions of the radiation control program, including management; and

Equivalent charts for sealed source and device evaluation, low-level radioactive waste and uranium recovery programs, if applicable.

3. Please provide a staffing plan, or complete a listing using the suggested format below, of the professional (technical) full-time equivalents (FTE) applied to the radioactive materials 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, low-level radioactive waste, uranium recovery, other. If these regulatory responsibilities are divided between offices, the table should be consolidated to include all personnel contributing to the radioactive materials program.

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%

¹Estimated 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.

Please provide a listing of all new professional personnel hired into your radioactive materials program since the last review, indicate the date of hire; the degree(s) they received, if applicable; additional training; and years of experience in health physics or other disciplines, as appropriate.

Please list all professional staff who have not yet met the qualification requirements for a radioactive materials license reviewer or inspector. For each, list the courses or equivalent training/experience they need and a tentative schedule for completion of these requirements.

Identify any changes to your qualification and training procedure that occurred during the review period.

Please identify the technical staff that left your radioactive materials program during the review period and indicate the date they left.

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

For Agreement States, does your program have an oversight board or committee which provides direction to the program and is composed of licensees and/or members of the public? If so, please describe the procedures used to avoid any potential conflict of interest.

Status of Materials Inspection Program

10. Please identify individual licensees or categories of licensees the State is inspecting less frequently than called for in NRC's Inspection Manual Chapter (IMC) 2800 and explain the reason for the difference. The list only needs to include the following information: license category or licensee name and license number, your inspection interval, and rationale for the difference.

11. Please provide the number of routine inspections of Priority 1, 2, and 3 licensees, as defined in IMC 2800 and the number of initial inspections that were completed during each year of the review period.

12. Please submit a table, or a computer printout, that identifies inspections of Priority 1, 2, and 3 licensees and initial inspections that were conducted overdue.

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

- (1) Licensee Name
- (2) License Number
- (3) Priority (IMC 2800)
- (4) Last inspection date or license issuance date, if initial inspection
- (5) Date Due
- (6) Date Performed
- (7) Amount of Time Overdue
- (8) Date inspection findings issued

13. Please submit a table or computer printout that identifies any Priority 1, 2, and 3 licensees-and initial inspections that are currently overdue, per IMC 2800. At a minimum, the list should include the same information for each overdue inspection provided for Question 12 plus your action plan for completing the inspection. Also include your plan for completing the overdue inspections.

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

Technical Quality of Inspections

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

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

Inspector Supervisor License Category Date

17. 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 throughout the review period?

Technical Quality of Licensing Actions

18. How many specific radioactive material licenses does your program regulate at this time?

19. 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.

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

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

22. Identify by licensee name and license number any renewal applications that have been pending for one year or more. Please indicate why these reviews have been delayed and describe your action plan to reduce the backlog.

V. Technical Quality of Incident and Allegation Activities

23. For Agreement States, please provide a list of any reportable incidents not previously submitted to NRC (See 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

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

NON-COMMON PERFORMANCE INDICATORS

Compatibility Requirements

25. Please list all currently effective legislation that affects the radiation control program. Denote any legislation that was enacted or amended during the review period.

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

27. Please review and verify that the information in the enclosed State Regulation Status (SRS) 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 and they have not been reviewed by NRC for compatibility, please describe their use.

28. 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 (SS&D) Evaluation Program

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

<u>SS&D Registry Number</u>	<u>Manufacturer, Distributor or Custom User</u>	<u>Product Type or Use</u>	<u>Date Issued</u>	<u>Type of Action</u>
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30. Please include information on the following questions in Section A, as they apply to the SS&D Program:

Technical Staffing and Training - Questions 2-9

Technical Quality of Licensing Actions - Questions 18-22

Technical Quality of Incident and Allegation Activities - Questions 23-24

III. Low-level Radioactive Waste Disposal Program

31. 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 2-9

Status of Materials Inspection Program - Questions 10-14

Technical Quality of Inspections - Questions 15-17

Technical Quality of Licensing Actions - Questions 18-22

Technical Quality of Incident and Allegation Activities - Questions 23-24

IV. Uranium Recovery Program

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

Technical Staffing and Training - Questions 2-9

Status of Materials Inspection Program - Questions 10-14

Technical Quality of Inspections - Questions 15-17

Technical Quality of Licensing Actions - Questions 18-22

Technical Quality of Incident and Allegation Activities - Questions 23-24

MATERIALS REQUESTED TO BE AVAILABLE FOR
THE ON-SITE 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.

List of all licensing actions completed during the review period (sorted by license reviewer, if possible).

Copy of current log or other document used to track inspections.

List of all inspections completed during the review period (sorted by inspector, if possible).

List of inspection frequencies 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.

List of all licenses that your agency has imposed additional security requirements upon.

ALSO, PLEASE HAVE THE FOLLOWING DOCUMENTS AVAILABLE:

All State regulations

Documented training plan, if applicable

Statutes affecting the regulatory authority of the State program

Records of results of supervisory accompaniments of inspectors

Standard license conditions

Emergency plan and communications list

Technical procedures for licensing, model licenses, review guides

Procedures for investigating allegations

SS&D review procedures, guides, and standards

Procedures for investigating incidents

Instrument calibration records

Enforcement procedures, including procedures for escalated enforcement, severity levels, civil penalties (as applicable)

Inspection procedures and guides

Job descriptions

Inspection report forms

STATE REGULATION STATUS DATA SHEET

State: Colorado

[5 amendment(s) reviewed identified by a * at the beginning of the equivalent NRC requirement.]

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
1991-1	Safety Requirements for Radiographic Equipment Part 34 55 FR 843 (Superceded by 1997-5)	01/10/1994	Final	Comments 05/29/1997	Colorado has adopted Final Regulations equivalent to RATS ID 1997-5.
1991-2	ASNT Certification of Radiographers Part 34 56 FR 11504 (Superceded by 1997-5)	none	Not Required	Not Required	Colorado has adopted Final Regulations equivalent to RATS ID 1997-5.
1991-3	Standards for Protection Against Radiation Part 20 56 FR 23360; 56 FR 61352; 57 FR 38588; 57 FR 57877; 58 FR 67657; 59 FR 41641; 60 FR 20183	01/01/1994	Final	No Comments 08/18/1997	
1991-4	Notification of Incidents Parts 20, 30, 31, 34, 39, 40, and 70 56 FR 64980	10/15/1994	Final	Comments 05/29/1997	
1992-1	Quality Management Program and Misadministrations Part 35 56 FR 34104 (Superceded by 2002-2)	01/27/1995	Not Required	Not Required	Colorado has adopted Final Regulations equivalent with RATS ID: 2002-2.
1992-2	Eliminating the Recordkeeping Requirements for Departures from Manufacturer's Instructions Parts 30 and 35 57 FR 45566	none	Not Required	Not Required	These regulation changes are not required to be adopted for purposes of Compatibility.

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RATS ID	NRC Chronology Identification	Date Due for State Adoption	IncomingLetter	OutgoingPackage	Notes
1993-1	Decommissioning Recordkeeping and License Termination: Documentation Additions [Restricted areas and spill sites] Parts 30 and 40 58 FR 39628	10/25/1996	Final	No Comments 06/14/2000	
1993-2	Licensing and Radiation Safety Requirements for Irradiators Part 36 58 FR 7715	07/01/1996	Final	No Comments 05/29/1997	
1993-3	Definition of Land Disposal and Waste Site QA Program Part 61 58 FR 33886	07/22/1996	Final ML043290167	No Comments 01/05/2005 ML050050164	
1994-1	Self-Guarantee as an Additional Financial Mechanism Parts 30, 40, and 70 58 FR 68726; 59 FR 1618	none	Final	No Comments 06/14/2000	These regulation changes are not required to be adopted for purposes of Compatibility.
1994-2	Uranium Mill Tailings Regulations: Conforming NRC Requirements to EPA Standards Part 40 59 FR 28220	07/01/1997	Final ML043290167	No Comments 01/05/2005 ML050050164	
1994-3	Timeliness in Decommissioning Material Facilities Parts 30, 40, and 70 59 FR 36026	08/15/1997	Final	No Comments 06/14/2000	
1995-1	Preparation, Transfer for Commercial Distribution, and Use of Byproduct Material for Medical Use Parts 30, 32, and 35 59 FR 61767; 59 FR 65243; 60 FR 322	01/01/1998	Final	No Comments 06/14/2000	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	IncomingLetter	OutgoingPackage	Notes
1995-2	Frequency of Medical Examinations for Use of Respiratory Protection Equipment Part 20 60 FR 7900	03/13/1998	Final	No Comments 06/14/2000	
1995-3	Low-Level Waste Shipment Manifest Information and Reporting Parts 20 and 61 60 FR 15649; 60 FR 25983	03/01/1998	Final ML043290167	No Comments 01/05/2005 ML050050164	
1995-4	Performance Requirements for Radiography Equipment Part 34 60 FR 28323 (Superceded by 1997-5)	06/30/1998	Final	No Comments 06/14/2000	Colorado has adopted Final Regulations equivalent to RATS ID 1997-5.
1995-5	Radiation Protection Requirements: Amended Definitions and Criteria Parts 19 and 20 60 FR 36038	08/14/1998	Final ML080770375	No Comments 05/02/2008 ML081221012	
1995-6	Clarification of Decommissioning Funding Requirements Parts 30, 40, and 70 60 FR 38235	11/24/1998	Final ML043290167	No Comments 01/05/2005 ML050050164	
1995-7	Medical Administration of Radiation and Radioactive Materials Parts 20 and 35 60 FR 48623 (Superceded by 2002-2 and 2005-2)	10/20/1998	Final ML043290167	No Comments 01/05/2005 ML050050164	Colorado has adopted Final Regulations equivalent to RATS IDs: 2002-2 and 2005-2.

RATS ID	NRC Chronology Identification	Date Due for State Adoption	IncomingLetter	OutgoingPackage	Notes
1996-1	Compatibility with the International Atomic Energy Agency Part 71 60 FR 50248; 61 FR 28724 (Superceded by 2004-1)	04/01/1999	Final	No Comments 03/22/2001	Colorado has adopted Final Regulations equivalent to RATS ID 2004-1.
1996-2	One Time Extension of Certain Byproduct, Source and Special Nuclear Materials Licenses Parts 30, 40, and 70 61 FR 1109	02/15/1999	Not Required	Not Required	These regulation changes are not required to be adopted for purposes of Compatibility.
1996-3	Termination or Transfer of Licensed Activities: Recordkeeping Requirements Parts 20, 30, 40, 61, and 70 61 FR 24669	06/17/1999	Final ML043290167	No Comments 01/05/2005 ML050050164	
1997-1	Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act Part 20 61 FR 65120	01/9/2000	Final	No Comments 08/08/2000	
1997-2	Recognition of Agreement State Licenses in Areas Under Exclusive Federal Jurisdiction Within an Agreement State Part 150 62 FR 1662	02/27/2000	Final	No Comments 06/14/2000	
1997-3	Criteria for the Release of Individuals Administered Radioactive Material Parts 20 and 35 62 FR 4120	05/29/2000	Final	No Comments 06/14/2000	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	IncomingLetter	OutgoingPackage	Notes
1997-4	Fissile Material Shipments and Exemptions Part 71 62 FR 5907 (Superseded by 2004-1)	02/10/2000	Not Required	Not Required	Colorado has adopted Final Regulations equivalent to RATS ID 2004-1. (See STP-97-078)
1997-5	Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiography Operations Parts 30, 34, 71, and 150 62 FR 28947	06/27/2000	Final	No Comments 08/08/2000	
1997-6	Radiological Criteria for License Termination Parts 20, 30, 40, and 70 62 FR 39057	08/20/2000	Final	No Comments 07/13/1999	
1997-7	Exempt Distribution of a Radioactive Drug Containing One Microcurie of Carbon-14 Urea Part 30 62 FR 63634	01/02/2001	Final	No Comments 06/14/2000	
1998-1	Deliberate Misconduct by Unlicensed Persons Parts 30, 40, 61, 70, 71, and 150 63 FR 1890; 63 FR 13773	02/12/2001	Final ML010380248	No Comments 09/17/2001 ML012630207	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	IncomingLetter	OutgoingPackage	Notes
1998-2	Self-Guarantee of Decommissioning Funding by Nonprofit and Non-Bond-Issuing Licensees Parts 30, 40, and 70 63 FR 29535	07/01/2001	Not Required	Not Required	These regulation changes are not required to be adopted for purposes of Compatibility.
1998-3	License Term for Medical Use Licenses Part 35 63 FR 31604 (Superseded by 2002-2)	07/10/2001	Not Required	Not Required	These regulation changes are not required to be adopted for purposes of Compatibility. (See STP-98-074) Colorado has adopted Final Regulations equivalent to RATS ID: 2002-2.
1998-4	Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations Part 34 63 FR 37059	07/09/2001	Final	No Comments 08/08/2000	
1998-5	Minor Corrections, Clarifying Changes, and a Minor Policy Change Parts 20, 32, 35, 36, and 39 63 FR 39477; 63 FR 45393	10/26/2001	Final ML043290167	No Comments 01/05/2005 ML050050164	
1998-6	Transfer for Disposal and Manifests: Minor Technical Conforming Amendment Part 20 63 FR 50127	11/20/2001	Final ML042440167	No Comments 01/05/2005 ML050050164	
1999-1	Radiological Criteria for License Termination of Uranium Recovery Facilities Part 40 64 FR 17506	06/11/2002	Final ML020320440	No Comments 03/28/2002 ML020880468	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	IncomingLetter	OutgoingPackage	Notes
1999-2	Requirements for Those Who Possess Certain Industrial Devices Containing Byproduct Material to Provide Requested Information Part 31 64 FR 42269	10/04/2002	Not Required	Not Required	These regulation changes are not required to be adopted for purposes of Compatibility.
1999-3	Respiratory Protection and Controls to RestrictInternal Exposure Part 20 64 FR 54543; 64 FR 55524	02/02/2003	Final ML043290167	No Comments 01/05/2005 ML050050164	
2000-1	Energy Compensation Sources for Well Logging and Other Regulatory Clarifications Part 39 65 FR 20337	05/17/2003	Final ML051580379	No Comments 07/11/2005 ML051930014	
2000-2	New Dosimetry Technology Parts 34, 36, and 39 65 FR 63750	01/08/2004	Final ML043290167	No Comments 01/05/2005 ML050050164	
2001-1	Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material Parts 30, 31, and 32 65 FR 79162	02/16/2004	Final ML14258B206	No Comments 11/19/2014 ML14301A452	
2002-1	Revision of the Skin Dose Limit Part 20 67 FR 16298	04/05/2005	Final ML043290167	No Comments 01/05/2005 ML050050164	
2002-2	Medical Use of Byproduct Material Parts 20, 32, and 35 67 FR 20249	10/24/2005	Final ML 051580379	No Comments 07/11/2005 ML051930014	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	IncomingLetter	OutgoingPackage	Notes
2003-1	Financial Assurance for Materials Licensees Parts 30, 40, and 70 68 FR 57327	12/03/2006	Final ML043290167	No Comments 01/05/2005 ML050050164	
2004-1	Compatibility With IAEA Transportation Safety Standards and Other Transportation Safety Amendments Part 71 69 FR 3697	10/01/2007	R ¹ ML14083A534 Final ML16147A093	Comments 06/10/2014 ML14083A527 No Comments 07/05/2016 ML16147A077	
2005-1	Security Requirements for Portable Gauges Containing Byproduct Material Part 30 70 FR 2001	07/11/2008	Final ML052010436	No Comments 08/05/2005 ML052220212	
2005-2	Medical Use of Byproduct Material - Recognition of Specialty Boards Part 35 70 FR 16336; 71 FR 1926	04/29/2008	Final ML051580379	No Comments 07/11/2005 ML051930014	
2005-3	Increased Controls for Risk-Significant Radioactive Sources (NRC Order EA-05-090) 70 FR 72128	12/01/2005	License Condition ML052580384	No Comments 09/19/2005 ML052630557	
2006-1	Minor Amendments Parts 20, 30, 32, 35, 40, and 70 71 FR 15005	03/27/2009	Final ML14258B206	No Comments 11/19/2014 ML14301A452	
2006-2	National Source Tracking System - Serialization Requirements Part 32 with reference to Part 20 Appendix E 71 FR 65685	02/06/2007	Final ML13176A122	No Comments 09/16/2013 ML13176A118	Part 20 only Colorado does not have any licensees subject to these regulations. (See SECY-95-112)

RATS ID	NRC Chronology Identification	Date Due for State Adoption	IncomingLetter	OutgoingPackage	Notes
2006-3	National Source Tracking System Part 20 71 FR 65685, 72 FR 59162	01/31/2009	License Condition ML082730235 Final ML13176A122	No Comments 10/21/2008 ML082880091 No Comments 09/16/2013 ML13176A118	
2007-1	Medical Use of Byproduct Material - Minor Corrections and Clarifications Parts 32 and 35 72 FR 45147, 54207	10/29/2010	Final ML14258B206	No Comments 11/19/2014 ML14301A452	
2007-2	Exemptions From Licensing, General Licenses, and Distribution of Byproduct Material: Licensing and Reporting Requirements Parts 30, 31, 32, and 150 72 FR 58473	12/17/2010	Final ML14258B206	No Comments 11/19/2014 ML14301A452	
2007-3	Requirements for Expanded Definition of Byproduct Material Parts 20, 30, 31, 32, 33, 35, 61, and 150 72 FR 55864	11/30/2010	Final ML121150500 Final ML14258B206 Final ML13176A122	No Comments 06/21/2012 ML12150A112 No Comments 11/19/2014 ML14301A452 No Comments 09/16/2013 ML13176A118	Part 35 only Parts 30, 31, 32, 33, 61, and 150 Part 20 only

RATS ID	NRC Chronology Identification	Date Due for State Adoption	IncomingLetter	OutgoingPackage	Notes
2007-4	Order Imposing Fingerprinting Requirements and Criminal History Records Check Requirements for Unescorted Access to Certain Radioactive Material NRC Order EA-07-305 72 FR 70901	06/05/2008	License Condition ML081070079	No Comments 05/13/2008 ML081260713	
2008-1	Occupational Dose Records, Labeling Containers, and Total Effective Dose Equivalent Parts 19 and 20 72 FR 68043	02/15/2011	Final ML13162A626 Final ML13176A122	No Comments 08/15/2013 ML13162A614 No Comments 09/16/2013 ML13176A118	Definitions associated with RATS ID 2008-1 only Part 20 only
2009-1	Medical Use of Byproduct Material – Authorized User Clarification Part 35 74 FR 33901	09/28/2012	Final ML121150500 Revised Final ML20009E749	Comments 06/21/2012 ML12150A112 No Comments 02/20/2020 ML20009E714	
2011-1	Decommissioning Planning Parts 20, 30, 40, and 70 76 FR 35512	12/17/2015	Final ML13176A122 Final ML14258B206 Revised Final ML15225A210	No Comments 09/16/2013 ML13176A118 Comments 11/19/2014 ML14301A452 No Comments 09/29/2015 ML15225A190	Part 20 only Parts 30, 40, and 70

RATS ID	NRC Chronology Identification	Date Due for State Adoption	IncomingLetter	OutgoingPackage	Notes
2011-2	Licenses, Certifications, and Approvals for Materials Licensees Parts 30, 36, 39, 40, 70, and 150 76 FR 56951	11/14/2014	Proposed ML15225A210	Comments 09/29/2015 ML15225A190	
			Proposed ML16043A255	Comment 03/18/2016 ML16043A249	Comment on 6 CCR 1007-1,16.3 / 10 CFR 39.13
			Final ML16175A368	No Comments 08/03/2016 ML16175A362	Parts 30, 40, 70, and 150 only
			Final ML16271A427	No Comments 10/31/2016 ML16271A417	Part 39 only, resolves comment on 6 CCR 1007-1, 16.3 / 10 CFR 39.13 above
			Final ML16278A122	No Comments 11/10/2016 ML16278A105	Part 36 only
					*Final regulations have addressed all comments for all Parts
2012-1	Change of Compatibility of Parts 31.5 and 31.6 (See RATS ID: 2001-1 for Rule text) 77 FR 3640	01/25/2015	Final ML14258B206	No Comments 11/19/2014 ML14301A452	
2012-2	Advance Notification to Native American Tribes of Transportation of Certain Types of Nuclear Waste Part 71 77 FR 34194	08/10/2015	Proposed ML14083A534	Comments 06/10/2014 ML14083A527	
			Final ML16147A093	No Comments 07/05/2016 ML16147A077	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	IncomingLetter	OutgoingPackage	Notes
2012-3	Technical Corrections Parts 30, 34, 40, and 71 77 FR 39899	08/06/2015	Proposed ML14083A534 Final ML16147A093	No Comments 06/10/2014 ML14083A527 No Comments 07/05/2016 ML16147A077	Part 71 only
2012-4	Requirements for Distribution of Byproduct Material Parts 30, 31, 32, 40, and 70 77 FR 43666	10/23/2015	Proposed ML15225A210 Final ML16175A368	No Comments 09/29/2015 ML15225A190 No Comments 08/03/2016 ML16175A362	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	IncomingLetter	OutgoingPackage	Notes
2013-1	Physical Protection of Byproduct Material Parts 20, 30, 32, 33, 34, 35, 36, 37, 39, and 71 78 FR 16922	03/19/2016	Proposed ML14083A534	No Comments 06/10/2014 ML14083A527	Part 71 only
			Proposed ML15077A245	Comments 04/13/2015 ML15077A234	All Parts; Comments were re: 30.13, 37.23(g), 37.73(c), and 71.97
			Final ML15252A221	Comments 11/03/2015 ML15252A219	Part 37 only; Comments were re: 37.43(c)(3), 37.77(a)(1) and 71.97
			Final ML16147A093	No Comments 07/05/2016 ML16147A077	Part 71 only
			Final ML16175A368	Comment 08/03/2016 ML16175A362	Part 30 only; Comment was re: 30.13
			Revised Final ML16343B063	No Comments 12/27/2016 ML16343B061	CO submitted equivalent regs to 30.13 and 37.43 only
			Revised Final ML17207A208	No Comments 08/07/2017 ML17207A203	CO submitted regulations to 30.13, 37.43(c)(3) and 37.77(a)(1) *Final regulations have addressed all comments for all Parts

RATS ID	NRC Chronology Identification	Date Due for State Adoption	IncomingLetter	OutgoingPackage	Notes
2013-2	Distribution of Source Material to Exempt Persons and to General Licensees and Revision of General License and Exemptions, Parts 30, 40, and 70 78 FR 32310	08/27/2016	Proposed ML15225A210 Final ML16175A368	Comment 09/29/2015 ML15225A190 No Comments 08/03/2016 ML16175A362	
2015-1	Domestic Licensing of Special Nuclear Material – Written Reports and Clarifying Amendments Part 70 79 FR 57721, 80 FR 143	01/26/2018	Final ML15134A311	No Comments 06/18/2015 ML15134A303	
2015-2	Safeguards Information - Modified Handling Categorization, Change for Materials Facilities Parts 30, 37, 70, and 150 79 FR 58664, 80 FR 3865	01/28/2018	Proposed ML15077A245 Final ML15252A221	No Comments 04/13/2015 ML15077A234 No Comments 11/03/2015 ML15252A219	

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2015-3	Revisions to Transportation Safety Requirements and Harmonization with International Atomic Energy Agency Transportation Requirements Part 71 80 FR 33987	07/13/2018 *extended to 08/15/2020 See STC 17-060	Proposed ML17052A094 Final ML18025B179 Revised Final ML20097D395 Revised Final ML20322A190	Comments 04/06/2017 ML17052A080 Comment 03/08/2018 ML18025A867 Comments 04/24/2020 ML20097D175 No Comments 12/17/2020 ML20342A183	
2015-4	Miscellaneous Corrections, Parts 37 and 40 80 FR 45841	09/02/2018	Final ML15252A221	No Comments 11/03/2015 ML15252A219	

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2015-5	Miscellaneous Corrections, Parts 19, 20, 30, 32, 37, 40, 61, 70, 71, and 150 80 FR 74974	12/31/2018	Proposed ML16343B063	Comment 12/27/2016 ML16343B061	CO submitted equivalent regulations to 37.27(c)(1) only
			Proposed ML17052A094	No Comments 04/06/2017 ML17052A080	CO submitted equivalent regulations to Part 71 only
			Final ML17207A208	No Comments 08/07/2017 ML17207A203	CO submitted equivalent regulations to 37.27(c)(1) only
			Final ML18025B179	Comment 03/08/2018 ML18025A867	CO submitted all equivalent regulations; comment re: 37.77(a)(1).
			Revised Final ML20097D395	No Comments 04/24/2020 ML20097D175	
2018-1	Medical Use of Byproduct Material – Medical Event Definitions, Training and Experience, and Clarifying Amendments Parts 30, 32 and 35	01/14/2022	Proposed ML20007E74	Comments 02/20/2020 ML20007E714	
			Final ML20281A368	No Comments 10/28/2020 ML20281A277	
2018-2	Miscellaneous Corrections – Organizational Changes Parts 37, 40, 70 and 71	12/21/2021	Proposed ML20097D395	Comments 04/24/2020 ML20097D175	
			Final ML20322A190	No Comments 12/17/2020 ML20342A183	

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2018-3	Miscellaneous Corrections Parts 1, 2, 34, 37, 50, 71, 73, and 140	7/30/2022	Proposed ML20097D395 Final ML20322A190	No Comments 04/24/2020 ML20097D175 No Comments 12/17/2020 ML20342A183	
2019-1	Miscellaneous Corrections Parts 2, 21, 37, 50, 52, 73, and 100	12/18/2022	Proposed ML20097D395 Final ML20322A190	No Comments 04/24/2020 ML20097D175 No Comments 12/17/2020 ML20342A183	
2019-2	Organizational Changes and Conforming Amendments Parts 1, 2, 37, 40, 50, 51, 52, 55, 71, 72, 73, 74, 100, 140, and 150	12/30/2022	Proposed ML20097D395 Final ML20332A190	No Comments 04/24/2020 ML20097D175 No Comments 12/17/2020 ML20342A183	
*2020-1	Individual Monitoring Devices Parts 34, 36, and 39	06/16/2023	Proposed ML20352A327 Proposed ML21352A327 Final ML21238A230	No Comments 01/05/2021 ML20352A309 Comment 04/16/2021 ML21352A309 No Comments 09/23/2021 ML21238A218	CO submitted equivalent regulations; to Parts 36 and 39 only. CO submitted equivalent regulations to Part 34.

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2020-2	Social Security Number Fraud Prevention Parts 9 and 35	08/17/2023	Final ML20281A368	No Comments 10/28/2020 ML20281A277	
2020-3	Miscellaneous Corrections 10 CFR Parts 1, 2, 19, 20, 21, 30, 34, 35, 40, 50, 51, 52, 60, 61, 62, 63, 70, 71, 72, 73, 74, 75, 76, 110, and 140	11/16/2023			
2021-1	Miscellaneous Corrections 10 CFR Parts 2, 11, 20, 25, 32, 35, 37, 50, 52,55, 70, 72, 73, 95, and 110	09/08/2024			
N/A	Part 20.1003	N/A	Final ML13162A626	No Comments 08/15/2013 ML13162A614	
N/A	Part 40	N/A	R ¹ ML13316A107 Final ML16175A368	Comments 01/14/2014 ML13316A058 No Comments 08/03/2016 ML16175A362	N/A

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N/A	Legislation	N/A	Final ML111080623 Revised Final ML15033A229 Revised Final ML15225A210 Revised Final ML16162A172	Comments 10/24/2011 ML112630034 Comments 02/18/2015 ML15033A220 Comments 09/29/2015 ML15225A190 No Comments 07/15/2016 ML16162A165	
N/A	Parts 20.1403(a), 20.1901 and 20.2104	N/A	Final ML13176A122	No Comments 09/16/2013 ML13176A118	
N/A	Revision to Radiation Control Act	N/A	Final ML14107A082 Revised Final ML16162A172	Comments 05/29/2014 ML14084A381 No Comments 07/15/2016 ML16162A165	

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N/A	Part 40, Appendix A, Criterion 10	N/A	Final ML14258B206 Revised Final ML15225A210 Final ML16175A368	Comments 11/19/2014 ML14301A452 No Comments 09/29/2015 ML15225A190 No Comments 08/03/2016 ML16175A362	
N/A	Part 40, Appendix A, Criterion 6	N/A	Revised Final ML15225A210 Final ML16175A368	Comments 09/29/2015 ML15225A190 No Comments 08/03/2016 ML16175A362	
N/A	Part 20, Appendices B and C, decay-in-storage and 40.61	N/A	Final ML15261A410 Revised Final ML16343B063 Revised Final ML17207A208	Comments 11/18/2015 ML15261A381 No Comments 12/27/2016 ML16343B061 No Comments 08/07/2017 ML17207A203	CO submitted 10 CFR 20, Appendix C only CO submitted 10 CFR Appendices B&C

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N/A	Part 39	N/A	Proposed ML16043A255 Final ML16271A427	Comments 03/18/2016 ML16043A249 No Comments 10/31/2016 ML16271A417	

¹ R stands for revisions to final rule