

## UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

January 16, 2018

Mr. Scott T. Anderson, Director Division of Waste Management and Radiation Control Utah Department of Environmental Quality 195 North 1950 West P.O. Box 14485 Salt Lake City, UT 84116

Dear Mr. Anderson:

We have reviewed the final revisions to the Utah Radiation Control Rules, Utah Administrative Code R313-12, R313-19, R313-21, and R313-22, received by our office on November 30, 2017. These regulations were reviewed by comparison to the equivalent U.S. Nuclear Regulatory Commission (NRC) rules and the requirements of Regulation Amendment Tracking System Identification Number (RATS ID) 2013-2 and other provisions to Title 10 of the *Code of Federal Regulations* Part 40 not associated with a RATS ID as identified in the enclosed State Regulation Status (SRS) Data Sheet. We discussed our review of the regulations with Rusty Lundberg on January 11, 2018.

As a result of our review, we have five comments that have been identified in the enclosure. Please note that we have limited our review to regulations required for compatibility and/or health and safety. We have determined that if these regulations are revised, incorporating our comments and without other significant change, they would meet the compatibility and health and safety categories established in the Office of Nuclear Material Safety and Safeguards (NMSS) Procedure SA-200, "Compatibility Categories and Health and Safety Identification for NRC Regulations and Other Program Elements."

We request that when you revise your regulations to address our comments, a copy of the "as published" regulations be provided to us for review. As requested in NMSS Procedure SA-201, "Review of State Regulatory Requirements," please highlight the location of any changes made by Utah, in response to our comments, and provide a copy to Division of Material Safety, State, Tribal, and Rulemaking Programs, NMSS. The SRS Data Sheet summarizes our knowledge of the status of other Utah regulations, as indicated. Please let us know if you note any inaccuracies, or have any comments on the information contained in the SRS Data Sheet. This letter, including the SRS Data Sheet, is posted on the NMSS State Communication Portal: <a href="https://scp.nrc.gov/rulemaking.html">https://scp.nrc.gov/rulemaking.html</a>.

If you have any questions regarding the comments, the compatibility and health and safety categories, or any of the NRC regulations used in the review, please contact Michelle Beardsley, State Regulation Review Coordinator, at (267) 884-2305 (Michelle.Beardsley@nrc.gov) or Kathy Modes at (215) 872-5804 (Kathy.Modes@nrc.gov).

Sincerely,

/RA/ PMichalak for KWilliams

Kevin Williams, Deputy Director Division of Material Safety, State, Tribal and Rulemaking Programs Office of Nuclear Material Safety and Safeguards

## Enclosures:

- 1. Compatibility Comments
- 2. Utah SRS Data Sheet

SUBJECT: UTAH FINAL REGULATIONS TO RATS ID 2013-2, AND 10 CFR PART 40 PROVISIONS NOT ASSOCIATED WITH A RATS ID. DATE: JANUARY 16, 2018

DISTRIBUTION: SP[08]

DIR RF (18-13)
B. Tharakan, RSAO

Utah File

| OFFICE | ASPB     | ASPB       | OGC           | ASPB:BC   | MSTR:DD       |
|--------|----------|------------|---------------|-----------|---------------|
| NAME   | KModes   | MBeardsley | TCampbell NLO | PMichalak | PMichalak for |
|        |          |            | via email     |           | KWilliams     |
| DATE   | 12/21/17 | 12/21/17   | 1/05/18       | 1/16/18   | 1/16/18       |

ML17360A106 OFFICIAL RECORD COPY Package ML17339A950

## **COMPATIBILITY COMMENTS ON UTAH FINAL REGULATIONS**

| STA | TE SECTION                | NRC SECTION     | RATS ID | CATEGORY | SUBJECT and COMMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----|---------------------------|-----------------|---------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | R313-19-<br>13(1)(c)(vii) | 40.13(c)(7)(i)  | 2013-2  | В        | Unimportant quantities of source material  In R313-19-13(1)(c)(vii)(A), Utah omitted the word "mirror." Utah needs to add the word "mirror" so that the regulation reads as follows: "The shaping, grinding or polishing of such lens or mirror or manufacturing processes other than the assembly of such lens or mirror into optical systems and devices without any alteration of the lens or mirror."  In R313-19-13(1)(c)(vii)(B), Utah omits the word "uranium." Utah needs to add the word "uranium" so that the regulation reads as follows, "The receipt, possession, use, or transfer of uranium or thorium contained in contact lenses, or in spectacles, or in eyepieces in binoculars or other optical instruments."  Utah needs to make the above changes in order to meet the Compatibility Category B designation assigned to 10 CFR 40.13(c)(7)(i). |
| 2   | R313-19-<br>13(1)(c)(ix)  | 40.13(c)(10)(i) | 2013-2  | В        | Unimportant quantities of source material  In R313-19-13(1)(c)(ix), Utah omits the effective date of the regulations. Utah needs to add the effective date.  In R313-19-13(1)(c)(ix)(B), Utah needs to reference NRC regulations as follows, "A person authorized to manufacture, process, or produce these materials or products containing source material by an Agreement State, and a person who imports                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

|     |                                   |                | D. 170 ID | 0.1-T-0.0-DV |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----|-----------------------------------|----------------|-----------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STA | TE SECTION                        | NRC SECTION    | RATS ID   | CATEGORY     | finished products or parts, for sale or distribution must be authorized by a license issued under 10 CFR 40.52 for distribution only and are exempt from the requirements of Rules R313-15 and R313-18, Subsections R313-22-33(1)(a) and (b), and 10 CFR 40.32(b) and (c)."  Utah needs to make the above changes in order to meet the Compatibility Category B designation assigned to 10 CFR 40.13(c)(10)(i).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 3   | R313-21-<br>21(2)(a) to<br>(2)(c) | 40.22 (b)(1-3) | 2013-2    | В            | Utah omits references to certain Part 40 requirements in their equivalent regulations to 10 CFR 40.22(b). Utah needs to revise their regulations to read, "Is subject to the provisions in 10 CFR 40.2a through 40.4; 10 CFR 40.41(a) (b) and (c); 40.46; 40.51(a), (b)(1)-(5), (b)(7), (c) and (d); 40.60(a) (b) (c)(1) and (2); and 40.61(a) (b) (d) (e) and (f), which are incorporated by reference in Section R313-24-4, Section R313-12-3, Section R313-19-5, Section R313-19-50, Section R313-19-41, Section R313-19-50, Section R313-19-41, Section R313-12-53, Section R313-19-61, and Rule R313-14."  Utah needs to make the above changes in order to meet the Compatibility Category B designation assigned to 10 CFR 40.22(b)(1-3).  COMMENT MODIFIED from NRC letter dated March 7, 2017/ML17017A278 to omit those regulations that are designated as Compatibility Category NRC. |

| STA | TE SECTION           | NRC SECTION | RATS ID | CATEGORY | SUBJECT and COMMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----|----------------------|-------------|---------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4   | R313-22-<br>55(1)(c) | 40.55(c)    | 2013-2  | В        | Conditions of licenses to initially transfer source material for use under the 'small quantities of source material' general license: Quality control, safety instructions, and records and reports  In R313-22-55(1)(c)(i), Utah omitted references to 10 CFR 40.22 and 40.51 as stated in 10 CFR 40.55(c)(1).  Utah needs to make the above changes in order to meet the Compatibility Category B designation assigned to 10 CFR 40.55(c).                                                                                                                                                                                                    |
| 5   | R313-22-<br>55(1)(d) | 40.55(d)    | 2013-2  | В        | Conditions of licenses to initially transfer source material for use under the 'small quantities of source material' general license: Quality control, safety instructions, and records and reports  In R313-22-55(1)(d) Utah needs to include the following language: "File a report with the Director, Office of Nuclear Material Safety and Safeguards*, U.S. Nuclear Regulatory Commission, Washington, DC 20555 for all transfers to non-Agreement States. The report shall include the following information"  Utah needs to make the above change in order to meet the Compatibility Category B designation assigned to 10 CFR 40.55(d). |

## **STATE REGULATION STATUS**

State: Utah Tracking Ticket Number: 18-13

Date: 1/16/2018

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

| RATS ID | NRC Chronology Identification                                                                                                                | Date Due for<br>State Adoption | Incoming<br>Letter   | Outgoing<br>Package                      | Notes                                                                |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------|------------------------------------------|----------------------------------------------------------------------|
| 1991-1  | Safety Requirements for Radiographic Equipment Part 34 55 FR 843 (Superceded by 1997-5)                                                      | 01/10/1994                     | Final<br>ML032180130 | No Comments<br>08/28/2003<br>ML032400630 | Utah 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                             | Utah has adopted Final Regulations<br>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<br>02/10/1998                |                                                                      |
| 1991-4  | Notification of Incidents Parts 20, 30, 31, 34, 39, 40 and 70 56 FR 64980                                                                    | 10/15/1994                     | Final<br>ML032180130 | No Comments<br>08/28/2003<br>ML032400630 | See correction to SRS sheet submitted in ML14303A210                 |
| 1992-1  | Quality Management Program and Misadministrations Part 35 56 FR 34104 (Superceded by 2002-2)                                                 | 01/27/1995                     | Not Required         | Not Required                             | Utah has adopted Final Regulations Equivalent to RATS ID: 2002-2.    |

| RATS ID | NRC Chronology Identification                                                                                                                             | Date Due for<br>State Adoption | Incoming<br>Letter   | Outgoing<br>Package                      | Notes                                                                                  |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------|------------------------------------------|----------------------------------------------------------------------------------------|
| 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. |
| 1993-1  | Decommissioning Recordkeeping and License<br>Termination: Documentation Additions [Restricted<br>areas and spill sites]<br>Parts 30 and 40<br>58 FR 39628 | 10/25/1996                     | Final                | No Comments<br>01/08/1997                |                                                                                        |
| 1993-2  | Licensing and Radiation Safety Requirements for Irradiators Part 36 58 FR 7715                                                                            | 07/01/1996                     | Final                | No Comments<br>06/14/2000                |                                                                                        |
| 1993-3  | Definition of Land Disposal and Waste Site QA<br>Program<br>Part 61<br>58 FR 33886                                                                        | 07/22/1996                     | Final<br>ML071990559 | No Comments<br>09/04/2007<br>ML072470237 |                                                                                        |
| 1994-1  | Self-Guarantee as an Additional Financial<br>Mechanism<br>Parts 30, 40 and 70<br>58 FR 68726; 59 FR 1618                                                  | none                           | Not Required         | Not Required                             | 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<br>ML023100574 | No Comments<br>11/22/2002<br>ML023290240 |                                                                                        |
| 1994-3  | Timeliness in Decommissioning Material Facilities Parts 30, 40 and 70 59 FR 36026                                                                         | 08/15/1997                     | Final                | No Comments<br>02/10/1998                |                                                                                        |

| RATS ID | NRC Chronology Identification                                                                                                                            | Date Due for<br>State Adoption | Incoming<br>Letter   | Outgoing<br>Package                      | Notes                                                                |
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| 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<br>02/10/1998                |                                                                      |
| 1995-2  | Frequency of Medical Examinations for Use of<br>Respiratory Protection Equipment<br>Part 20<br>60 FR 7900                                                | 03/13/1998                     | Final<br>ML071990559 | No Comments<br>09/04/2007<br>ML072470237 |                                                                      |
| 1995-3  | Low-Level Waste Shipment Manifest Information and Reporting Parts 20 and 61 60 FR 15649; 60 FR 25983                                                     | 03/01/1998                     | Final<br>ML071990559 | No Comments<br>09/04/2007<br>ML072470237 |                                                                      |
| 1995-4  | Performance Requirements for Radiography Equipment Part 34 60 FR 28323 (Superceded by 1997-5)                                                            | 06/30/1998                     | Final<br>ML032180130 | No Comments<br>08/28/2003<br>ML032400630 | Utah has adopted Final Regulations<br>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<br>ML071990559 | No Comments<br>09/04/2007<br>ML072470237 |                                                                      |
| 1995-6  | Clarification of Decommissioning Funding Requirements Parts 30, 40 and 70 60 FR 38235                                                                    | 11/24/1998                     | Final                | No Comments<br>02/10/1998                |                                                                      |

| RATS ID | NRC Chronology Identification                                                                                                                   | Date Due for<br>State Adoption | Incoming<br>Letter   | Outgoing<br>Package                      | Notes                                                                                  |
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| 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                     | Not Required         | Not Required                             | Utah has adopted Final Regulations Equivalent to RATS IDs: 2002-2 and 2005-2.          |
| 1996-1  | Compatibility with the International Atomic Energy<br>Agency<br>Part 71<br>60 FR 50248; 61 FR 28724<br>(Superceded by 2004-1)                   | 04/01/1999                     | Final                | No Comments<br>04/16/1999                |                                                                                        |
| 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:<br>Record Keeping Requirements<br>Parts 20, 30, 40, 61 and 70<br>61 FR 24669                    | 06/17/1999                     | Final                | No Comments<br>02/10/1998                | Part 30 only                                                                           |
| 1997-1  | Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act Part 20 61 FR 65120                                 | 01/9/2000                      | Final<br>ML071990559 | No Comments<br>09/04/2007<br>ML072470237 |                                                                                        |
| 1997-2  | Recognition of Agreement State Licenses in Areas<br>Under Exclusive Federal Jurisdiction Within an<br>Agreement State<br>Part 150<br>62 FR 1662 | 02/27/2000                     | Final<br>ML032180130 | No Comments<br>08/28/2003<br>ML032400630 |                                                                                        |

| RATS ID | NRC Chronology Identification                                                                                                                                | Date Due for<br>State Adoption | Incoming<br>Letter   | Outgoing<br>Package                      | Notes                                                                                                   |
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| 1997-3  | Criteria for the Release of Individuals Administered<br>Radioactive Material<br>Parts 20 and 35<br>62 FR 4120                                                | 05/29/2000                     | Final<br>ML071990559 | No Comments<br>09/04/2007<br>ML072470237 |                                                                                                         |
| 1997-4  | Fissile Material Shipments and Exemptions Part 71 62 FR 5907 (Superceded by 2004-1)                                                                          | 02/10/2000                     | Not Required         | Not Required                             | These regulation changes are not required to be adopted for purposes of Compatibility. (See STP-97-078) |
| 1997-5  | Licenses for Industrial Radiography and Radiation<br>Safety Requirements for Industrial Radiography<br>Operations<br>Parts 30, 34, 71 and 150<br>62 FR 28947 | 06/27/2000                     | Final                | No Comments<br>04/01/1998                |                                                                                                         |
| 1997-6  | Radiological Criteria for License Termination<br>Parts 20, 30, 40 and 70<br>62 FR 39057                                                                      | 08/20/2000                     | Final                | No Comments<br>06/14/2000                |                                                                                                         |
| 1997-7  | Exempt Distribution of a Radioactive Drug<br>Containing One Microcurie of Carbon-14 Urea<br>Part 30<br>62 FR 63634                                           | 01/02/2001                     | Final                | No Comments<br>04/16/1999                |                                                                                                         |
| 1998-1  | Deliberate Misconduct by Unlicensed Persons<br>Parts 30, 40, 61, 70, 71 and 150<br>63 FR 1890; 63 FR 13773                                                   | 02/12/2001                     | Final<br>ML011100015 | No Comments<br>07/31/2001<br>ML012150220 |                                                                                                         |
| 1998-2  | Self-Guarantee of Decommissioning Funding by<br>Nonprofit and Non-Bond-Issuing Licensees<br>Parts 30, 40 and 70<br>63 FR 29535                               | 07/01/2001                     | Not Required         | Not Required                             | These regulation changes are not required to be adopted for purposes of Compatibility.                  |

| RATS ID | NRC Chronology Identification                                                                                                                                | Date Due for<br>State Adoption | Incoming<br>Letter   | Outgoing<br>Package                      | Notes                                                                                                                                                                     |
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| 1998-3  | License Term for Medical Use Licenses Part 35 63 FR 31604 (Superceded 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)  Utah has adopted Final Regulation equivalent to RATS ID: 2002-2. |
| 1998-4  | Licenses for Industrial Radiography and Radiation<br>Safety Requirements for Industrial Radiographic<br>Operations<br>Part 34<br>63 FR 37059                 | 07/09/2001                     | Final<br>ML071990559 | No Comments<br>09/04/2007<br>ML072470237 |                                                                                                                                                                           |
| 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<br>ML032510947 | No Comments<br>09/16/2003<br>ML032730694 |                                                                                                                                                                           |
| 1998-6  | Transfer for Disposal and Manifests: Minor Technical Conforming Amendment Part 20 63 FR 50127                                                                | 11/20/2001                     | Final<br>ML013530478 | No Comments<br>02/07/2002<br>ML020390486 |                                                                                                                                                                           |
| 1999-1  | Radiological Criteria for License Termination of Uranium Recovery Facilities Part 40 64 FR 17506                                                             | 06/11/2002                     | Final<br>ML023100574 | No Comments<br>11/22/2002<br>ML023290240 |                                                                                                                                                                           |
| 1999-2  | Requirements for Those Who Possess Certain<br>Industrial Devices Containing Byproduct Material to<br>Provide Requested Information<br>Part 31<br>64 FR 42269 | 10/04/2002                     | Not Required         | Not Required                             | These regulation changes are not required to be adopted for purposes of Compatibility.                                                                                    |

| RATS ID | NRC Chronology Identification                                                                                                | Date Due for<br>State Adoption | Incoming<br>Letter   | Outgoing<br>Package                      | Notes |
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| 1999-3  | Respiratory Protection and Controls to Restrict<br>Internal Exposure<br>Part 20<br>64 FR 54543; 64 FR 55524                  | 02/02/2003                     | Final<br>ML013530478 | No Comments<br>02/07/2002<br>ML020390486 |       |
| 2000-1  | Energy Compensation Sources for Well Logging and Other Regulatory Clarifications Part 39 65 FR 20337                         | 05/17/2003                     | Final<br>ML012850044 | No Comments<br>12/27/2001<br>ML020020182 |       |
| 2000-2  | New Dosimetry Technology<br>Parts 34, 36 and 39<br>65 FR 63750                                                               | 01/08/2004                     | Final<br>ML052850130 | No Comments<br>10/20/2005<br>ML052940121 |       |
| 2001-1  | Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material Parts 30, 31 and 32 65 FR 79162 | 02/16/2004                     | Final<br>ML040580276 | No Comments<br>03/08/2004<br>ML040690493 |       |
| 2002-1  | Revision of the Skin Dose Limit Part 20 67 FR 16298                                                                          | 04/05/2005                     | Final<br>ML052640263 | No Comments<br>10/18/2005<br>ML052930360 |       |
| 2002-2  | Medical Use of Byproduct Material Parts 20, 32 and 35 67 FR 20249                                                            | 10/24/2005                     | Final<br>ML052640263 | No Comments<br>10/18/2005<br>ML052930360 |       |
| 2003-1  | Financial Assurance for Materials Licensees<br>Parts 30, 40 and 70<br>68 FR 57327                                            | 12/03/2006                     | Final<br>ML062910213 | No Comments<br>11/09/2006<br>ML063130115 |       |

| RATS ID | NRC Chronology Identification                                                                                                     | Date Due for<br>State Adoption | Incoming<br>Letter                  | Outgoing<br>Package                       | Notes |
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| 2004-1  | Compatibility With IAEA Transportation Safety<br>Standards and Other Transportation Safety<br>Amendments<br>Part 71<br>69 FR 3697 | 10/01/2007                     | Final<br>ML080350285                | No Comments<br>02/26/2008<br>ML080560403  |       |
| 2005-1  | Security Requirements for Portable Gauges<br>Containing Byproduct Material<br>Part 30<br>70 FR 2001                               | 07/11/2008                     | Final<br>ML070370332                | No Comments<br>03/06/2007<br>ML0706050102 |       |
| 2005-2  | Medical Use of Byproduct Material - Recognition of Specialty Boards Part 35 70 FR 16336; 71 FR 1926                               | 04/29/2008                     | Final<br>ML062000081                | No Comments<br>08/02/2006<br>ML062150142  |       |
| 2005-3  | Increased Controls for Risk-Significant Radioactive Sources (NRC Order EA-05-090) 70 FR 72128                                     | 12/01/2005                     | License<br>Condition<br>ML052920243 | No Comments<br>10/20/2005<br>ML052940078  |       |
| 2006-1  | Minor Amendments Parts 20, 30, 32, 35, 40 and 70 71 FR 15005                                                                      | 03/27/2009                     | Final<br>ML091540302                | No Comments<br>07/02/2009<br>ML091730130  |       |
| 2006-2  | National Source Tracking System - Serialization<br>Requirements<br>Part 32 with reference to Part 20 Appendix E<br>71 FR 65685    | 02/06/2007                     | Final<br>ML080370626                | No Comments<br>02/28/2008<br>ML080590006  |       |
| 2006-3  | National Source Tracking System Part 20 71 FR 65685, 72 FR 59162                                                                  | 01/31/2009                     | Final<br>ML080370626                | No Comments<br>02/28/2008<br>ML080590006  |       |

| RATS ID | NRC Chronology Identification                                                                                                                                                    | Date Due for<br>State Adoption | Incoming<br>Letter                  | Outgoing<br>Package                      | Notes |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------|------------------------------------------|-------|
| 2007-1  | Medical Use of Byproduct Material - Minor<br>Corrections and Clarifications<br>Parts 32 and 35<br>72 FR 45147, 54207                                                             | 10/29/2010                     | Final<br>ML091540302                | No Comments<br>07/02/2009<br>ML091730130 |       |
| 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<br>ML110120370                | No Comments<br>02/23/2011<br>ML110250295 |       |
| 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<br>ML120790065                | No Comments<br>04/17/2012<br>ML120930319 |       |
| 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<br>Condition<br>ML080980588 | No Comments<br>05/01/2008<br>ML081220351 |       |
| 2008-1  | Occupational Dose Records, Labeling Containers, and Total Effective Dose Equivalent Parts 19 and 20 72 FR 68043                                                                  | 02/15/2011                     | Final<br>ML110120370                | No Comments<br>02/23/2011<br>ML110250295 |       |
| 2009-1  | Medical Use of Byproduct Material – Authorized User Clarification Part 35 74 FR 33901                                                                                            | 09/28/2012                     | Final<br>ML110120370                | No Comments<br>02/23/2011<br>ML110250295 |       |

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|---------|------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------|------------------------------------------|-------|
| 2011-1  | Decommissioning Planning<br>Parts 20, 30, 40 and 70<br>76 FR 35512                                                     | 12/17/2015                     | Proposed<br>ML16014A720 | Comment<br>02/08/16<br>ML16014A719       |       |
|         |                                                                                                                        |                                | Final<br>ML16145A321    | No Comments<br>06/22/2016<br>ML16145A315 |       |
| 2011-2  | Licenses, Certifications, and Approvals for Materials<br>Licensees<br>Parts 30, 36, 39, 40, 70 and 150<br>76 FR 56951  | 11/14/2014                     | Proposed<br>ML1423A425  | No Comments<br>10/10/2014<br>ML14232A322 |       |
|         | 70110 30931                                                                                                            |                                | Final<br>ML15223B281    | No Comments<br>10/15/2015<br>ML15223B269 |       |
| 2012-1  | Change of Compatibility of<br>Parts 31.5 and 31.6<br>(See RATS ID: 2001-1 for Rule text)<br>77 FR 3640                 | 01/25/2015                     | Final<br>ML14303A327    | No Comments<br>12/03/2014<br>ML14303A210 |       |
| 2012-2  | Advance Notification to Native American Tribes of Transportation of Certain Types of Nuclear Waste Part 71 77 FR 34194 | 08/10/2015                     | Final<br>ML15098A613    | No Comments<br>05/07/2015<br>ML15098A595 |       |
| 2012-3  | Technical Corrections Parts 30, 34, 40 and 71 77 FR 39899                                                              | 08/06/2015                     | Final<br>ML15197A182    | No Comments<br>08/14/2015<br>ML15197A173 |       |

| RATS ID | NRC Chronology Identification                                                                                                                              | Date Due for<br>State Adoption | Incoming<br>Letter           | Outgoing<br>Package                      | Notes |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------|------------------------------------------|-------|
| 2012-4  | Requirements for Distribution of Byproduct Material Parts 30, 31, 32, 40 and 70 77 FR 43666                                                                | 10/23/2015                     | Final<br>ML15267A376         | Comments<br>11/13/2015<br>ML15267A359    |       |
|         |                                                                                                                                                            |                                | Revised Final<br>ML16247A487 | No Comments<br>08/15/2016<br>ML16247A486 |       |
| 2013-1  | Physical Protection of Byproduct Material,<br>Parts 20, 30, 32, 33, 34, 35, 36, 37, 39 and 71<br>78 FR 16922                                               | 03/19/2016                     | Proposed<br>ML14276A635      | Comments<br>12/16/2014<br>ML14273A445    |       |
|         |                                                                                                                                                            |                                | Final<br>ML15098A618         | No Comments<br>05/07/2015<br>ML15098A595 |       |
| *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<br>ML16363A224      | Comment<br>03/07/2017<br>ML16363A219     |       |
|         |                                                                                                                                                            |                                | Final<br>ML17339A952         | Comments<br>01/16/2018<br>ML17339A950    |       |
| 2015-1  | Domestic Licensing of Special Nuclear Material –<br>Written Reports and Clarifying Amendments<br>Part 70<br>79 FR 57721, 80 FR 143                         | 01/26/2018                     | Final<br>ML17360A133         | No Comments<br>01/09/2018<br>ML17360A131 |       |

| RATS ID | NRC Chronology Identification                                                                                                                             | Date Due for<br>State Adoption                             | Incoming<br>Letter   | Outgoing<br>Package                      | Notes                         |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------|------------------------------------------|-------------------------------|
| 2015-2  | Safeguards Information - Modified Handling<br>Categorization, Change for Materials Facilities<br>Parts 30, 37, 73 and 150<br>79 FR 58664, 80 FR 3865      | 01/28/2018                                                 |                      |                                          |                               |
| 2015-3  | Revisions to Transportation Safety Requirements and Harmonization with International Atomic Energy Agency Transportation Requirements Part 71 80 FR 33987 | 07/13/2018<br>*extended to<br>08/15/2020<br>See STC 17-060 |                      |                                          |                               |
| 2015-4  | Miscellaneous Corrections, Parts 37 and 40 80 FR 45841                                                                                                    | 09/02/2018                                                 |                      |                                          |                               |
| 2015-5  | Miscellaneous Corrections,<br>Parts 19, 20, 30, 32, 37, 40, 61, 70, 71 and 150<br>80 FR 74974                                                             | 12/31/2018                                                 |                      |                                          |                               |
| N/A     | 10 CFR 61.13 and 40.13                                                                                                                                    | N/A                                                        | Final<br>ML102000008 | No Comments<br>08/06/2010<br>ML102090537 |                               |
| N/A     | 10 CFR 61.13, Technical analyses                                                                                                                          | N/A                                                        | Final<br>ML110730004 | No Comments<br>04/05/2011<br>ML110800571 |                               |
| N/A     | 10 CFR Part 34, not associate with a specific RATS ID                                                                                                     | N/A                                                        | Final<br>ML120790065 | Comments<br>04/17/2012<br>ML120930319    |                               |
| N/A     | Enabling Legislation                                                                                                                                      | N/A                                                        | ML12255A021          | No Comments<br>10/25/2012<br>ML12289A098 | Radiation Control Agency only |

| RATS ID | NRC Chronology Identification                                               | Date Due for<br>State Adoption | Incoming<br>Letter                               | Outgoing<br>Package                      | Notes |
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| N/A     | Radiation Control Amendments to Enabling<br>Legislation                     | N/A                            | Final<br>ML13051A474                             | No Comments<br>08/29/2013<br>ML13091A047 |       |
| N/A     | Parts 30, 39 and 61, not associated with a specific RATS ID                 | N/A                            | Final and<br>License<br>Condition<br>ML14126A497 | Comments<br>07/24/2014<br>ML14126A095    |       |
|         |                                                                             |                                | Revised Final<br>ML15113B137                     | No Comments<br>05/15/2015<br>ML15113B128 |       |
| *N/A    | Minor editorial revisions to Part 40 not associated with a specific RATS ID | N/A                            | Proposed<br>ML16363A224                          | No Comments<br>03/07/2017<br>ML16363A219 |       |
|         |                                                                             |                                | Final<br>ML17339A952                             | No Comments<br>01/16/2018<br>ML17339A950 |       |
| N/A     | Part 150.31 not associated with a specific RATS                             | 11/14/2014                     | Proposed<br>ML1423A425                           | Comments<br>10/15/2014<br>ML14232A322    |       |
|         |                                                                             |                                | Final<br>ML15222A410                             | No Comments<br>10/15/2015<br>ML15222A346 |       |

| RATS ID | NRC Chronology Identification                                    | Date Due for<br>State Adoption | Incoming<br>Letter      | Outgoing<br>Package                      | Notes                                                                            |
|---------|------------------------------------------------------------------|--------------------------------|-------------------------|------------------------------------------|----------------------------------------------------------------------------------|
| N/A     | Amendments to Legislation regarding the Radiation Control Agency | N/A                            | Proposed<br>ML15058A267 | Comments<br>03/18/2015<br>ML15058A256    |                                                                                  |
|         |                                                                  |                                | Response<br>ML15302A240 | Comments<br>11/25/2015<br>ML15302A236    |                                                                                  |
| N/A     | Medical Use Advisory Committee                                   | N/A                            | Final<br>ML15231A193    | No Comments<br>10/19/2015<br>MI15231A195 |                                                                                  |
| N/A     | Legislation                                                      | N/A                            | Proposed<br>ML16061A069 | Comment<br>03/09/16<br>ML16061A068       | Response to final 2015 IMPEP<br>Report findings/recommendations<br>(ML15306A357) |
|         |                                                                  |                                | Revised<br>ML17013A559  | Comments<br>02/14/2017<br>ML17013A556    |                                                                                  |
|         |                                                                  |                                | Revised<br>ML17131A350  | No Comments<br>06/27/2017<br>ML17131A348 |                                                                                  |