



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

November 28, 2017

Mr. Michael Snee  
Bureau of Radiation Protection  
Ohio Department of Health  
246 North High Street  
Columbus, OH 43215

Dear Mr. Snee:

We have reviewed the proposed revisions to the Ohio regulations in the Ohio Administrative Code Chapter 3701, received by our office on October 16, 2017. These regulations were reviewed by comparison to the equivalent U.S. Nuclear Regulatory Commission (NRC) rules and Regulation Amendment Tracking System Identification Numbers (RATS IDs) 2015-3 and 2015-5 as identified in the enclosed State Regulation Status (SRS) Data Sheet. We discussed our review of the regulations with you on November 27, 2017.

As a result of our review, we have eight 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. Under our current procedure, a finding that the Ohio regulations meet the compatibility and health and safety categories of the equivalent NRC regulation may only be made based on a review of the final Ohio regulations. However, we have determined that if your proposed regulations were adopted, 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 the proposed regulations are adopted and published as final regulations, 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 final changes, 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 Ohio 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: <https://scp.nrc.gov/rulemaking.html>.

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](mailto:Michelle.Beardsley@nrc.gov)) or Jim Lynch at (630) 829-9661 ([James.Lynch@nrc.gov](mailto:James.Lynch@nrc.gov)).

Sincerely,

**/RA/  
LRakovan 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. Ohio SRS Data Sheet

M. Snee

-2-

SUBJECT: OHIO PROPOSED REGULATIONS TO RATS IDS 2015-3 AND 2015-5.  
DATE: NOVEMBER 28, 2017

DISTRIBUTION: SP07  
DIR RF (18-03)  
JLynch, RSAO  
Ohio File

| OFFICE | RIII             | ASPB       | OGC                  | ASPB:BC                | MSTR:DD                |
|--------|------------------|------------|----------------------|------------------------|------------------------|
| NAME   | JLynch via email | MBeardsley | TSmith NLO via email | LRakovan for PMichalak | LRakovan for KWilliams |
| DATE   | 10/31/17         | 10/31/17   | 11/27 /17            | 11/28/17               | 11/28/17               |

**ML17304A706**

**OFFICIAL RECORD COPY**

**Package ML17290A051**

## COMPATIBILITY COMMENTS ON OHIO PROPOSED REGULATIONS

| STATE SECTION |                     | NRC SECTION | RATS ID | CATEGORY | SUBJECT and COMMENTS   |
|---------------|---------------------|-------------|---------|----------|--|
| 1             | 3701: 1-50-07 (C)   | 71.17       | 2015-3  | B        | <p><b>General license: NRC approved package</b></p> <p>The Ohio rule references the “Division of Spent Fuel Project” instead of the “Division of Spent Fuel <b>Storage and Transportation</b>”</p> <p>Ohio needs to correct the NRC division name to “Division of Spent Fuel <b>Storage and Transportation</b>” to meet the Compatibility Category B designation assigned to 10 CFR 71.17.</p> |
| 2             | 3701: 1-50-10 (A)   | 71.21       | 2015-3  | B        | <p><b>General license: Use of foreign approved package</b></p> <p>Ohio regulation section 3701: 1-50-01(A) is missing a specific Ohio reference. Ohio needs to modify paragraph (A) to read “any Ohio licensee to transport, or....”.</p> <p>Ohio needs to make the change indicated above to meet the Compatibility Category B designation assigned to 10 CFR 71.21.</p>                      |
| 3             | 3701: 1-50-20 (B-C) | 71.91       | 2015-3  | C        | <p><b>Records</b></p> <p>Ohio should delete the phrase “certificate holder, and applicant for a CoC” from the Ohio rule 3701: 1-50-20 as these terms apply to the NRC only.</p> <p>Ohio needs to delete the phrase “certificate holder, and applicant for a CoC” from 3701: 1-50-20 to meet the Compatibility Category C designation assigned to 10 CFR 71.91.</p>                             |

|   |                     |        |        |   |   |
|---|---------------------|--------|--------|---|---|
| 4 | 3701: 1-50-24       | 71.101 | 2015-3 | C | <p><b>Quality assurance requirements</b></p> <p>Ohio should delete the phrase “certificate holder, and applicant for a CoC” from the Ohio rule as these terms apply to the NRC only.</p> <p>Additionally, Ohio cites references to 10 CFR Part 71 throughout 3701: 1-50-24. As Ohio’s rule contains their equivalent regulations to these requirements, Ohio needs to cite their specific regulations, and not the NRC’s, in order to avoid a duplication of requirements.</p> <p>Ohio needs to make the changes as indicated above to meet the Compatibility Category C designation assigned to 10 CFR 71.101.</p> |
| 5 | 3701: 1-50-24 (E)   | 71.103 | 2015-3 | C | <p><b>Quality assurance organization</b></p> <p>Ohio should delete the phrase “certificate holder, and applicant for a CoC” from the Ohio rule 3701: 1-50-24 as these terms apply to the NRC only.</p> <p>Ohio needs to delete the phrase “certificate holder, and applicant for a Certificate of Compliance” from 3701: 1-50-24 to meet the Compatibility Category C designation assigned to 10 CFR 71.103.</p>  |
| 6 | 3701: 1-50-24 (O-Q) | 71.106 | 2015-3 | C | <p><b>Changes to quality assurance program</b></p> <p>Ohio needs to replace “NRC” with the State Agency throughout 3701: 1-50-24.</p> <p>Ohio needs to make the changes indicated above to meet the Compatibility Category C designation</p>  |

|   |                   |                     |        |   |   |
|---|-------------------|---------------------|--------|---|---|
|   |                   |                     |        |   | assigned to 10 CFR 71.106.  |
| 7 | 3701: 1-50-24 (R) | 71.135              | 2015-3 | C | <p><b>Quality assurance records</b></p> <p>Ohio should delete the phrase “certificate holder, and applicant for a CoC” from the Ohio rule 3701: 1-50-24 as these terms apply to the NRC only.</p> <p>Ohio needs to delete the phrase “certificate holder, and applicant for a Certificate of Compliance” from 3701: 1-50-24 to meet the Compatibility Category C designation assigned to 10 CFR 71.135.</p> |
| 8 | 3701: 1-50-25 (D) | Part 71, Appendix A | 2015-3 | B | <p><b>Determination of A1 and A2</b></p> <p>The formula in 3701: 1-50-25 (D)(6) is missing a fraction bar.</p> <p>Ohio needs to add a fraction bar in the 3701: 1-50-25 (D)(6) formula to meet the Compatibility Category B designation assigned to 10 CFR Part 71, Appendix A.</p>   |

**STATE REGULATION STATUS**

State: Ohio

Tracking Ticket Number: 18-03

Date: 11/28/2017

[ # 2 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<br>Part 34<br>55 FR 843<br><b>(Superceded by 1997-5)</b>  | 01/10/1994                  | Final<br>ML023250117 | No Comments<br>01/09/2003<br>ML030060349 | Ohio has adopted Final Regulations equivalent to RATS ID: 1997-5.                      |
| 1991-2  | ASNT Certification of Radiographers<br>Part 34<br>56 FR 11504<br><b>(Superceded by 1997-5)</b>   | none                        | Final<br>ML023250117 | No Comments<br>01/09/2003<br>ML030060349 | Ohio has adopted Final Regulations equivalent to RATS ID: 1997-5.                      |
| 1991-3  | Standards for Protection Against Radiation<br>Part 20<br>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<br>ML040920160 | No Comments<br>04/14/2004<br>ML041060011 |  |
| 1991-4  | Notification of Incidents<br>Parts 20, 30, 31, 34, 39, 40, and 70<br>56 FR 64980   | 10/15/1994                  | Final<br>ML083200007 | No Comments<br>12/10/2008<br>ML083220971 |  |
| 1992-1  | Quality Management Program and Misadministrations<br>Part 35<br>56 FR 34104<br><b>(Superceded by 2002-2)</b>                                       | 01/27/1995                  | Final<br>ML061440106 | No Comments<br>06/08/2006<br>ML061590424 | Ohio has adopted Final Regulations equivalent to RATS ID: 2002-2.                      |
| 1992-2  | Eliminating the Recordkeeping Requirements for Departures from Manufacturer's Instructions<br>Parts 30 and 35<br>57 FR 45566                       | none                        | Final<br>ML061440106 | No Comments<br>06/08/2006<br>ML061590424 | These regulation changes are not required to be adopted for purposes of Compatibility. |

| RATS ID | NRC Chronology Identification   | Date Due for State Adoption | Incoming Letter      | Outgoing Package                         | Notes |
|---------|---|-----------------------------|----------------------|--|-------|
| 1993-1  | Decommissioning Recordkeeping and License Termination: Documentation Additions [Restricted areas and spill sites]<br>Parts 30 and 40<br>58 FR 39628             | 10/25/1996                  | Final<br>ML083200007 | No Comments<br>12/10/2008<br>ML083220971 |       |
| 1993-2  | Licensing and Radiation Safety Requirements for Irradiators<br>Part 36<br>58 FR 7715  | 07/01/1996                  | Final<br>ML023250117 | No Comments<br>01/09/2003<br>ML030060349 |       |
| 1993-3  | Definition of Land Disposal and Waste Site QA Program<br>Part 61<br>58 FR 33886   | 07/22/1996                  | Final                | No Comments<br>10/09/1998                |       |
| 1994-1  | Self-Guarantee as an Additional Financial Mechanism<br>Parts 30, 40, and 70<br>58 FR 68726; 59 FR 1618  | none                        | Final                | No Comments<br>10/09/1998                |       |
| 1994-2  | Uranium Mill Tailings Regulations: Conforming NRC Requirements to EPA Standards<br>Part 40<br>59 FR 28220   | 07/01/1997                  | Final                | No Comments<br>10/09/1998                |       |
| 1994-3  | Timeliness in Decommissioning Material Facilities<br>Parts 30, 40, and 70<br>59 FR 36026  | 08/15/1997                  | R <sup>1</sup>       | No Comments<br>7/26/00                   |       |
| 1995-1  | Preparation, Transfer for Commercial Distribution, and Use of Byproduct Material for Medical Use<br>Parts 30, 32, and 35<br>59 FR 61767; 59 FR 65243; 60 FR 322 | 01/01/1998                  | Final<br>ML061440106 | No Comments<br>06/08/2006<br>ML061590424 |       |



| RATS ID | NRC Chronology Identification   | Date Due for State Adoption | Incoming Letter         | Outgoing Package                         | Notes   |
|---------|---|-----------------------------|-------------------------|--|---|
| 1995-2  | Frequency of Medical Examinations for Use of Respiratory Protection Equipment<br>Part 20<br>60 FR 7900                                      | 03/13/1998                  | Final<br>ML041240504    | No Comments<br>06/14/2004<br>ML041670402 |   |
| 1995-3  | Low-Level Waste Shipment Manifest Information and Reporting<br>Parts 20 and 61<br>60 FR 15649; 60 FR 25983                                  | 03/01/1998                  | Final<br>ML040920160    | No Comments<br>04/14/2004<br>ML041060011 |   |
| 1995-4  | Performance Requirements for Radiography Equipment<br>Part 34<br>60 FR 28323<br><b>(Superceded by 1997-5)</b>                               | 06/30/1998                  | Final<br>ML023250117    | No Comments<br>01/09/2003<br>ML030060349 | Ohio has adopted Final Regulations equivalent to RATS ID: 1997-5. |
| 1995-5  | Radiation Protection Requirements: Amended Definitions and Criteria<br>Parts 19 and 20<br>60 FR 36038                                       | 08/14/1998                  | Final<br>ML040920160    | No Comments<br>04/14/2004<br>ML041060011 |   |
| 1995-6  | Clarification of Decommissioning Funding Requirements<br>Parts 30, 40, and 70<br>60 FR 38235  | 11/24/1998                  | R <sup>1</sup>          | No Comments<br>07/26/2000                |   |
| 1995-7  | Medical Administration of Radiation and Radioactive Materials<br>Parts 20 and 35<br>60 FR 48623<br><b>(Superceded by 2002-2 and 2005-2)</b> | 10/20/1998                  | Proposed<br>ML042230062 | No Comments<br>10/14/2004<br>ML042890002 |   |
| 1996-1  | Compatibility with the International Atomic Energy Agency<br>Part 71<br>60 FR 50248; 61 FR 28724<br><b>(Superceded by 2004-1)</b>           | 04/01/1999                  | Not Required            | Not Required                             | Ohio has adopted Final Regulations equivalent to RATS ID: 2004-1. |

| RATS ID | NRC Chronology Identification   | Date Due for State Adoption | Incoming Letter      | Outgoing Package                         | Notes   |
|---------|---|-----------------------------|----------------------|--|---|
| 1996-2  | One Time Extension of Certain Byproduct, Source and Special Nuclear Materials Licenses<br>Parts 30, 40, and 70<br>61 FR 1109                            | 02/15/1999                  | R <sup>1</sup>       | No Comments<br>07/26/2000                |   |
| 1996-3  | Termination or Transfer of Licensed Activities:<br>Recordkeeping Requirements<br>Parts 20, 30, 40, 61, and 70<br>61 FR 24669                            | 06/17/1999                  | R <sup>1</sup>       | No Comments<br>07/26/2000                |   |
| 1997-1  | Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act<br>Part 20<br>61 FR 65120                                   | 01/9/2000                   | Final<br>ML041900134 | No Comments<br>08/09/2004<br>ML042220269 |   |
| 1997-2  | Recognition of Agreement State Licenses in Areas Under Exclusive Federal Jurisdiction Within an Agreement State<br>Part 150<br>62 FR 1662               | 02/27/2000                  | Final<br>ML041240504 | No Comments<br>06/14/2004<br>ML041670402 |   |
| 1997-3  | Criteria for the Release of Individuals Administered Radioactive Material<br>Parts 20 and 35<br>62 FR 4120  | 05/29/2000                  | R <sup>1</sup>       | No Comments<br>07/26/2000                |   |
| 1997-4  | Fissile Material Shipments and Exemptions<br>Part 71<br>62 FR 5907<br><b>(Superceded by 2004-1)</b>   | 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 Safety Requirements for Industrial Radiography Operations<br>Parts 30, 34, 71, and 150<br>62 FR 28947 | 06/27/2000                  | Final<br>ML083020271 | No Comments<br>12/05/2008<br>ML083150069 |   |

| RATS ID | NRC Chronology Identification  | Date Due for State Adoption | Incoming Letter                              | Outgoing Package                         | Notes   |
|---------|--|-----------------------------|--|--|---|
| 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>10/09/1998                |   |
| 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<br>ML041240504                         | No Comments<br>06/14/2004<br>ML041670402 |   |
| 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                  | R <sup>1</sup><br>ML010380259<br>ML010870344 | No Comments<br>12/12/01<br>ML013530072   |   |
| 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                  | Final  | No Comments<br>10/09/1998                | These regulation changes are not required to be adopted for purposes of Compatibility.  |
| 1998-3  | License Term for Medical Use Licenses<br>Part 35<br>63 FR 31604<br><b>(Superceded by 2002-2)</b>   | 07/10/2001                  | Not Required                                 | Not Required                             | These regulation changes are not required to be adopted for purposes of Compatibility. (See STP-98-074) Ohio has adopted Final Regulations 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>ML041240504                         | No Comments<br>06/14/2004<br>ML041670402 |   |
| 1998-5  | Minor Corrections, Clarifying Changes, and a Minor<br>Policy Change<br>Parts 20, 32, 35, 36, and 39<br>63 FR 39477; 63 FR 45393              | 10/26/2001                  | Final  | No Comments<br>10/09/1998                |   |

| RATS ID | NRC Chronology Identification  | Date Due for State Adoption | Incoming Letter      | Outgoing Package                         | Notes  |
|---------|--|-----------------------------|----------------------|--|--|
| 1998-6  | Transfer for Disposal and Manifests: Minor Technical Conforming Amendment<br>Part 20<br>63 FR 50127  | 11/20/2001                  | Final<br>ML041900134 | No Comments<br>08/09/2004<br>ML042220269 |  |
| 1999-1  | Radiological Criteria for License Termination of Uranium Recovery Facilities<br>Part 40<br>64 FR 17506   | 06/11/2002                  | Final<br>ML060580024 | No Comments<br>04/13/2006<br>ML061030457 |  |
| 1999-2  | Requirements for Those Who Possess Certain Industrial Devices Containing Byproduct Material to 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. |
| 1999-3  | Respiratory Protection and Controls to Restrict Internal Exposure<br>Part 20<br>64 FR 54543; 64 FR 55524   | 02/02/2003                  | Final<br>ML040920160 | No Comments<br>04/14/2004<br>ML041060011 |  |
| 2000-1  | Energy Compensation Sources for Well Logging and Other Regulatory Clarifications<br>Part 39<br>65 FR 20337   | 05/17/2003                  | Final<br>ML023250117 | No Comments<br>01/09/2003<br>ML030060349 |  |
| 2000-2  | New Dosimetry Technology<br>Parts 34, 36, and 39<br>65 FR 63750  | 01/08/2004                  | Final<br>ML023250117 | No Comments<br>01/09/2003<br>ML030060349 |  |
| 2001-1  | Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material<br>Parts 30, 31, and 32<br>65 FR 79162                    | 02/16/2004                  | Final<br>ML12361A139 | No Comments<br>02/06/2013<br>ML13011A272 |  |

| <b>RATS ID</b> | <b>NRC Chronology Identification</b>  | <b>Date Due for State Adoption</b> | <b>Incoming Letter</b>              | <b>Outgoing Package</b>                  | <b>Notes</b> |
|----------------|---|------------------------------------|-------------------------------------|--|--------------|
| 2002-1         | Revision of the Skin Dose Limit<br>Part 20<br>67 FR 16298   | 04/05/2005                         | Final<br>ML061440106                | No Comments<br>06/08/2006<br>ML061590424 |              |
| 2002-2         | Medical Use of Byproduct Material<br>Parts 20, 32, and 35<br>67 FR 20249  | 10/24/2005                         | Final<br>ML061440106                | No Comments<br>06/08/2006<br>ML061590424 |              |
| 2003-1         | Financial Assurance for Materials Licensees<br>Parts 30, 40, and 70<br>68 FR 57327  | 12/03/2006                         | Final<br>ML090120129                | No Comments<br>02/06/2009<br>ML090150553 |              |
| 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>ML063170453                | No Comments<br>12/15/2006<br>ML063490049 |              |
| 2005-1         | Security Requirements for Portable Gauges<br>Containing Byproduct Material<br>Part 30<br>70 FR 2001                               | 07/11/2008                         | Final<br>ML071010099                | No Comments<br>04/25/2007<br>ML071150005 |              |
| 2005-2         | Medical Use of Byproduct Material - Recognition of<br>Specialty Boards<br>Part 35<br>70 FR 16336; 71 FR 1926                      | 04/29/2008                         | Final<br>ML090120129                | No Comments<br>02/06/2009<br>ML090150553 |              |
| 2005-3         | Increased Controls for Risk-Significant Radioactive<br>Sources (NRC Order EA-05-090)<br>70 FR 72128                               | 12/01/2005                         | License<br>Condition<br>ML053120143 | No Comments<br>11/10/2005<br>ML053180026 |              |
| 2006-1         | Minor Amendments<br>Parts 20, 30, 32, 35, 40, and 70<br>71 FR 15005   | 03/27/2009                         | Final<br>ML103120326                | No Comments<br>01/12/2011<br>ML103360248 |              |

| RATS ID | NRC Chronology Identification  | Date Due for State Adoption | Incoming Letter                  | Outgoing Package                         | Notes |
|---------|--|-----------------------------|----------------------------------|--|-------|
| 2006-2  | National Source Tracking System - Serialization Requirements<br>Part 32 with reference to Part 20 Appendix E<br>71 FR 65685  | 02/06/2007                  | Final<br>ML083050030             | No Comments<br>12/18/2008<br>ML083400038 |       |
| 2006-3  | National Source Tracking System<br>Part 20<br>71 FR 65685, 72 FR 59162   | 01/31/2009                  | Final<br>ML083050030             | No Comments<br>12/18/2008<br>ML083400038 |       |
| 2007-1  | Medical Use of Byproduct Material - Minor Corrections and Clarifications<br>Parts 32 and 35<br>72 FR 45147, 54207  | 10/29/2010                  | Final<br>ML103120326             | No Comments<br>01/12/2011<br>ML103360248 |       |
| 2007-2  | Exemptions From Licensing, General Licenses, and Distribution of Byproduct Material: Licensing and Reporting Requirements<br>Parts 30, 31, 32, and 150<br>72 FR 58473                  | 12/17/2010                  | Final<br>ML091380031             | No Comments<br>07/02/2009<br>ML091600466 |       |
| 2007-3  | Requirements for Expanded Definition of Byproduct Material<br>Parts 20, 30, 31, 32, 33, 35, 61, and 150<br>72 FR 55864   | 11/30/2010                  | R <sup>1</sup><br>ML120100267    | No Comments<br>02/21/2012<br>ML120370416 |       |
| 2007-4  | Order Imposing Fingerprinting Requirements and Criminal History Records Check Requirements for Unescorted Access to Certain Radioactive Material<br>NRC Order EA-07-305<br>72 FR 70901 | 06/05/2008                  | License Condition<br>ML080460449 | No Comments<br>03/12/2008<br>ML080720077 |       |
| 2008-1  | Occupational Dose Records, Labeling Containers, and Total Effective Dose Equivalent<br>Parts 19 and 20<br>72 FR 68043  | 02/15/2011                  | Final<br>ML091380048             | No Comments<br>07/07/2009<br>ML091600652 |       |

| <b>RATS ID</b> | <b>NRC Chronology Identification</b>   | <b>Date Due for State Adoption</b> | <b>Incoming Letter</b>                              | <b>Outgoing Package</b>  | <b>Notes</b> |
|----------------|--|------------------------------------|---|--|--------------|
| 2009-1         | Medical Use of Byproduct Material – Authorized User Clarification<br>Part 35<br>74 FR 33901                                  | 09/28/2012                         | Final<br>ML120100267                                | No Comments<br>02/21/2012<br>ML120370416   |              |
| 2011-1         | Decommissioning Planning<br>Parts 20, 30, 40, and 70<br>76 FR 35512  | 12/17/2015                         | Final<br>ML13330A553                                | No Comments<br>12/23/2013<br>ML13330A097   |              |
| 2011-2         | Licenses, Certifications, and Approvals for Materials Licensees<br>Parts 30, 36, 39, 40, 70, and 150<br>76 FR 56951          | 11/14/2014                         | Final<br>ML13228A018                                | No Comments<br>09/18/2013<br>ML13228A016   |              |
| 2012-1         | Change of Compatibility<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>ML12361A139                                | No Comments<br>02/06/2013<br>ML13011A272   |              |
| 2012-2         | Advance Notification to Native American Tribes of Transportation of Certain Types of Nuclear Waste<br>Part 71<br>77 FR 34194 | 08/10/2015                         | Final<br>ML12361A139                                | No Comments<br>02/06/2013<br>ML13011A272   |              |
| 2012-3         | Technical Corrections<br>Parts 30, 34, 40, and 71<br>77 FR 39899   | 08/06/2015                         | Proposed<br>ML14352A073<br><br>Final<br>ML15176A551 | No Comments<br>01/16/2015<br>ML14352A062<br><br>No Comments<br>07/23/2015<br>ML15176A515 |              |

| RATS ID | NRC Chronology Identification   | Date Due for State Adoption | Incoming Letter   | Outgoing Package  | Notes                      |
|---------|---|-----------------------------|---|---|----------------------------|
| 2012-4  | Requirements for Distribution of Byproduct Material Parts 30, 31, 32, 40, and 70<br>77 FR 43666   | 10/23/2015                  | Proposed<br>ML15097A046<br><br>Final<br>ML15314A591<br><br>Revised Final<br>ML17173A405 | No Comments<br>05/04/2015<br>ML15097A044<br><br>Comment<br>12/9/2015<br>ML15314A562<br><br>No Comments<br>06/27/2017<br>ML17173A404 |                            |
| 2013-1  | Physical Protection of Byproduct Material Parts 20, 30, 32, 33, 34, 35, 36, 37, 39, and 71<br>78 FR 16922   | 03/19/2016                  | Final<br>ML14161A337  | No Comments<br>07/30/2014<br>ML14157A0700   |                            |
| 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<br>78 FR 32310 | 08/27/2016                  | Proposed<br>ML15091A243<br><br>Final<br>ML15355A134<br><br>Final<br>ML16015A278         | No Comments<br>04/28/2015<br>ML15091A235<br><br>Comment<br>01/13/2016<br>ML15355A129<br><br>Comment<br>02/04/2016<br>ML16015A270    | Request to rescind comment |
| 2015-1  | Domestic Licensing of Special Nuclear Material – Written Reports and Clarifying Amendments Part 70<br>79 FR 57721, 80 FR 143                                  | 01/26/2018                  | Proposed<br>ML15336A030<br><br>Final<br>ML16137A688                                     | No Comments<br>12/15/2015<br>ML15336A029<br><br>No Comments<br>08/26/2016<br>ML16137A662  |                            |



| RATS ID | NRC Chronology Identification  | Date Due for State Adoption                                | Incoming Letter                                     | Outgoing Package   | Notes |
|---------|--|--|---|--|-------|
| 2015-2  | Safeguards Information - Modified Handling Categorization, Change for Materials Facilities Parts 30, 37, 73, and 150<br>79 FR 58664, 80 FR 3865              | 01/28/2018   | Proposed<br>ML15181A443<br><br>Final<br>ML15327A068 | No Comments<br>07/21/2015<br>ML15181A434<br><br>No Comments<br>12/10/2015<br>ML15327A060 |       |
| *2015-3 | Revisions to Transportation Safety Requirements and Harmonization with International Atomic Energy Agency Transportation Requirements Part 71<br>80 FR 33987 | 07/13/2018<br>*extended to<br>08/15/2020<br>See STC 17-060 | Proposed<br>ML17290A052                             | Comments<br>11/28/2017<br>ML17290A051  |       |
| 2015-4  | Miscellaneous Corrections Parts 37 and 40<br>80 FR 45841   | 09/02/2018   | Proposed<br>ML15308A488<br><br>Final<br>ML16137A688 | No Comments<br>11/25/2015<br>ML15308A487<br><br>No Comments<br>06/13/16<br>ML16145A404   |       |
| *2015-5 | Miscellaneous Corrections Parts 19, 20, 30, 32, 37, 40, 61, 70, 71, and 150<br>80 FR 74974   | 12/31/2018   | Proposed<br>ML17290A052                             | No Comments<br>11/28/2017<br>ML17290A051   |       |

\*R stands for proposed changes to a final rule.