



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

June 27, 2017

Mr. Steven Harrison, Director
Office of Radiological Health
Virginia Department of Health
James Madison Building
109 Governor Street, Room 736
Richmond, VA 23219

Dear Mr. Harrison:

We have reviewed the final and proposed revisions to the Virginia Radioactive Materials Program regulations 12VAC5-481, received by our office on May 18, 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) 2013-2, 2015-1, 2015-2, 2015-3, 2015-4, and 2015-5 as identified in the enclosed State Regulation Status (SRS) Data Sheet. We discussed our review of the regulations with you on June 23, 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 Virginia 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 Virginia 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 Virginia 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) or Lizette Roldán-Otero, Ph.D. at (817) 200-1596 (Lizette.Roldan@nrc.gov).

Sincerely,

/RA/

J. O'Hara 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. Virginia SRS Data Sheet

S. Harrison

-2-

SUBJECT: VIRGINIA PROPOSED REGULATIONS TO RATS IDS 2015-1, 2015-2, 2015-3,
2015-4, AND 2015-5, AND REVISED FINAL REGULATIONS TO RATS ID 2013-2.
DATE: June 27, 2017.

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|--------|---------------|------------|----------------------------|--------------------------|---------------------------|
| OFFICE | ASPB | ASPB | OGC | ASPB:BC | MSTR:DD |
| NAME | LRoldán-Otero | MBeardsley | TCampbell NLO via email | JO'Hara for PMichalak | J.O'hara for KWilliams |
| DATE | 6/7/17 | 6/7/17 | 6/23/17 | 6/27/17 | 6/27/17 |

ML17159A622

OFFICIAL RECORD COPY

Package ML17139D381

COMPATIBILITY COMMENTS ON VIRGINIA PROPOSED REGULATIONS

| STATE SECTION | | NRC SECTION | RATS ID | CATEGORY | SUBJECT and COMMENTS |
|---------------|---------------|-------------|---------|----------|---|
| 1 | 12VAC5-481-10 | 71.4 | 2015-3 | B | <p>Definitions: Low Specific Activity material</p> <p>VA's definition of Low Specific Activity is not essentially identical to NRC's definition.</p> <p>VA needs to revise its definition of Low Specific Activity to be essentially identical to NRC's definition in order to meet the Compatibility Category B designation assigned to 71.4, Definition: Low Specific Activity (LSA) material.</p> |
| 2 | 12VAC5-481-10 | 71.4 | 2015-3 | B | <p>Definitions: Special form radioactive material</p> <p>VA needs to revise its definition of Special form radioactive material to include the specific appropriate NRC regulations that are referenced throughout the definition. In addition, VA needs to add the language in the parenthesis after "June 30, 1983", i.e., "(see 10 CFR part 71, revised as of January 1, 1983)" to read as follows:</p> <p>"(2) The piece or capsule has at least one dimension not less than 5 mm (0.2 in); and (3) It satisfies the requirements of §71.75. A special form encapsulation designed in accordance with the requirements of § 71.4 in effect on June 30, 1983 (see 10 CFR part 71, revised as of January 1, 1983), and constructed before July 1, 1985; a special form encapsulation designed in accordance with the requirements</p> |

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|---|-----------------------|-------------|--------|---|---|
| | | | | | <p>of § 71.4 in effect on March 31, 1996 (see 10 CFR part 71, revised as of January 1, 1996), and constructed before April 1, 1998; and special form material that was successfully tested before September 10, 2015 in accordance with the requirements of § 71.75(d) of this section in effect before September 10, 2015 may continue to be used.”</p> <p>VA needs to make the changes as stated above in order to meet the Compatibility Category B designation assigned to 71.4, Definition: Special form radioactive material.</p> |
| 3 | 12VAC5-481-2970.B.1-3 | 71.14(a)(1) | 2015-3 | B | <p>Definitions</p> <p>VA needs to replace the acronymm NARM with the words, “Natural material”.</p> <p>VA needs to make the changes as stated above in order to meet the Compatibility Category B designation assigned to 71.14(a)(1).</p> |
| 4 | 12VAC5-481-3000 | 71.17 | 2015-3 | B | <p>General license: NRC approved package</p> <p>VA regulations should contain the appropriate VA reference and the VA point of contact for 481-3000.B.3.</p> <p>In 481-3000B.1. VA needs to remove the word “specific” before “license”.</p> <p>VA needs to make the changes indicated above in order to meet the Compatibility Category B designation assigned to 10 CFR 71.17.</p> |

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|---|---------------------------|----------------------------------|--------|---|---|
| 5 | 12VAC5-481-3070 | 71.85(a) through (c) | 2015-3 | B | <p>Preliminary determinations</p> <p>VA needs to remove 481-3070, paragraph 1. as this is reserved to the NRC.</p> <p>VA needs to make the change indicated above in order to meet the Compatibility Category NRC designation assigned to 71.85(a) through (c).</p> |
| 6 | 12VAC5-481-3130.H | 71.106 | 2015-3 | C | <p>Changes to quality assurance program</p> <p>VA needs to remove the NRC reference throughout 12VAC5-481-3130.H as the State would approve their licensee's Quality Assurance Program (QAP).</p> <p>In addition, VA needs to replace the word "test" with "text" in 12VAC5-481-3130.H.2.b.</p> <p>VA needs to make the changes as stated above in order to meet the Compatibility Category C designation assigned to 10 CFR 71.106.</p> |
| 7 | 12VAC5-481-3770.F Table 1 | Appendix A to Part 71, Table A-1 | 2015-3 | B | <p>A1 and A2 Values for Radionuclides</p> <p>VA needs to make the following changes to "Table 1. A₁ and A₂ Values for Radionuclides": (1) for Cf-252 remove the reference to footnote (h); (2) for Ir-192 remove the reference to footnote (c) next to Ir-192, and add the reference to footnote (c) in the A₁ columns only (first two columns); and (3) for Mo-99 replace the reference to footnote (i) for (h).</p> |

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|---|---------------------------|----------------------------------|--------|---|--|
| | | | | | <p>In addition, VA should remove footnote (h) and redesignate footnote (i) as footnote (h).</p> <p>Also, in footnote (a), VA needs to make the following changes: (1) replace the daughter of Ru-103 from Ru-103m to Rh-103m; (2) replace the daughter of Ru-106 from Ru-106 to Rh-106; (3) add Tl-208 as a daughter radionuclide to Pb-212; and (4) add Tl-209 as a daughter radionuclide to Ac-225.</p> <p>VA needs to make the changes as stated above in order to meet the Compatibility Category B designation assigned to Appendix A to 10 CFR Part 71, Table A-1.</p> |
| 8 | 12VAC5-481-3770.G Table 2 | Appendix A to Part 71, Table A-2 | 2015-3 | B | <p>Exempt Material Activity Concentrations and Exempt Consignment Activity Limits for Radionuclides.</p> <p>VA needs to make the following changes to footnote (b) of "Appendix A, Table A-2": (1) remove Th-226 and daughter radionuclides; and (2) remove U-240 and daughter radionuclide.</p> <p>VA needs to make the changes as stated above in order to meet the Compatibility Category B designation assigned to Appendix A to 10 CFR Part 71, Table A-2.</p> |

STATE REGULATION STATUS

State: Virginia

Tracking Ticket Number: 17-42

Date: June 27, 2017

[6 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 ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1991-2 | ASNT Certification of Radiographers Part 34 56 FR 11504 (Superceded by 1997-5) | none | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 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 ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1991-4 | Notification of Incidents Parts 20, 30, 31, 34, 39, 40 and 70 56 FR 64980 | 10/15/1994 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1992-1 | Quality Management Program and Misadministrations Part 35 56 FR 34104 (Superceded by 2002-2) | 01/27/1995 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |

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|---------|---|-----------------------------|-------------------------------------|--|-------|
| 1992-2 | Eliminating the Recordkeeping Requirements for Departures from Manufacturer's Instructions Parts 30 and 35 57 FR 45566 | none | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 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 ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1993-2 | Licensing and Radiation Safety Requirements for Irradiators Part 36 58 FR 7715 | 07/01/1996 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1993-3 | Definition of Land Disposal and Waste Site QA Program Part 61 58 FR 33886 | 07/22/1996 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1994-1 | Self-Guarantee as an Additional Financial Mechanism Parts 30, 40 and 70 58 FR 68726; 59 FR 1618 | none | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1994-2 | Uranium Mill Tailings Regulations: Conforming NRC Requirements to EPA Standards Part 40 59 FR 28220 | 07/01/1997 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |

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|---------|---|-----------------------------|-------------------------------------|--|-------|
| 1994-3 | Timeliness in Decommissioning Material Facilities Parts 30, 40 and 70 59 FR 36026 | 08/15/1997 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 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 ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1995-2 | Frequency of Medical Examinations for Use of Respiratory Protection Equipment Part 20 60 FR 7900 | 03/13/1998 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1995-3 | Low-Level Waste Shipment Manifest Information and Reporting Parts 20 and 61 60 FR 15649; 60 FR 25983 | 03/01/1998 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1995-4 | Performance Requirements for Radiography Equipment Part 34 60 FR 28323 (Superceded by 1997-5) | 06/30/1998 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1995-5 | Radiation Protection Requirements: Amended Definitions and Criteria Parts 19 and 20 60 FR 36038 | 08/14/1998 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |

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|---------|---|-----------------------------|-------------------------------------|--|-------|
| 1995-6 | Clarification of Decommissioning Funding Requirements Parts 30, 40 and 70 60 FR 38235 | 11/24/1998 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 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 ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 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 ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 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 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1996-3 | Termination or Transfer of Licensed Activities: Recordkeeping Requirements Parts 20, 30, 40, 61 and 70 61 FR 24669 | 06/17/1999 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1997-1 | Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act Part 20 61 FR 65120 | 01/9/2000 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |

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|---------|--|-----------------------------|-------------------------------------|--|-------|
| 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 ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1997-3 | Criteria for the Release of Individuals Administered Radioactive Material Parts 20 and 35 62 FR 4120 | 05/29/2000 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1997-4 | Fissile Material Shipments and Exemptions Part 71 62 FR 5907 (Superseded by 2004-1) | 02/10/2000 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 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 ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1997-6 | Radiological Criteria for License Termination Parts 20, 30, 40 and 70 62 FR 39057 | 08/20/2000 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1997-7 | Exempt Distribution of a Radioactive Drug Containing One Micro curie of Carbon-14 Urea Part 30 62 FR 63634 | 01/02/2001 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |

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|---------|--|-----------------------------|-------------------------------------|--|-------|
| 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 ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 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 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1998-3 | License Term for Medical Use Licenses Part 35 63 FR 31604 (Superseded by 2002-2) | 07/10/2001 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1998-4 | Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations Part 34 63 FR 37059 | 07/09/2001 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 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 ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1998-6 | Transfer for Disposal and Manifests: Minor Technical Conforming Amendment Part 20 63 FR 50127 | 11/20/2001 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |

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|---------|--|-----------------------------|-------------------------------------|--|-------|
| 1999-1 | Radiological Criteria for License Termination of Uranium Recovery Facilities Part 40 64 FR 17506 | 06/11/2002 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 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 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 1999-3 | Respiratory Protection and Controls to Restrict Internal Exposure Part 20 64 FR 54543; 64 FR 55524 | 02/02/2003 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 2000-1 | Energy Compensation Sources for Well Logging and Other Regulatory Clarifications Part 39 65 FR 20337 | 05/17/2003 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 2000-2 | New Dosimetry Technology Parts 34, 36 and 39 65 FR 63750 | 01/08/2004 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 2001-1 | Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material Parts 30, 31 and 32 65 FR 79162 | 02/16/2004 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |

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|---------|---|-----------------------------|-------------------------------------|--|-------|
| 2002-1 | Revision of the Skin Dose Limit Part 20 67 FR 16298 | 04/05/2005 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 2002-2 | Medical Use of Byproduct Material Parts 20, 32 and 35 67 FR 20249 | 10/24/2005 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 2003-1 | Financial Assurance for Materials Licensees Parts 30, 40 and 70 68 FR 57327 | 12/03/2006 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 2004-1 | Compatibility With IAEA Transportation Safety Standards and Other Transportation Safety Amendments Part 71 69 FR 3697 | 10/01/2007 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 2005-1 | Security Requirements for Portable Gauges Containing Byproduct Material Part 30 70 FR 2001 | 07/11/2008 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 2005-2 | Medical Use of Byproduct Material - Recognition of Specialty Boards Part 35 70 FR 16336; 71 FR 1926 | 04/29/2008 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 2005-3 | Increased Controls for Risk-Significant Radioactive Sources (NRC Order EA-05-090) 70 FR 72128 | 12/01/2005 | Final ML100280901 | No Comments 03/02/2010 ML100350973 | |

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|---------|--|-----------------------------|-------------------------------------|--|-------|
| 2006-1 | Minor Amendments Parts 20, 30, 32, 35, 40 and 70 71 FR 15005 | 03/27/2009 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 2006-2 | National Source Tracking System - Serialization Requirements Part 32 with reference to Part 20 Appendix E 71 FR 65685 | 02/06/2007 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 2006-3 | National Source Tracking System Part 20 71 FR 65685, 72 FR 59162 | 01/31/2009 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 2007-1 | Medical Use of Byproduct Material - Minor Corrections and Clarifications Parts 32 and 35 72 FR 45147, 54207 | 10/29/2010 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 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 ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 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 ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |

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|---------|--|-----------------------------|---|--|--|
| 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 | Final ML100280901 | Comments 03/02/2010 ML100350973 | |
| 2008-1 | Occupational Dose Records, Labeling Containers, and Total Effective Dose Equivalent Parts 19 and 20 72 FR 68043 | 02/15/2011 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | |
| 2009-1 | Medical Use of Byproduct Material – Authorized User Clarification Part 35 74 FR 33901 | 09/28/2012 | Final ML081760528 ML082960329 | No Comments 11/10/2008 ML082970632 | Adopted Part 35 by reference when became an Agreement State. |
| 2011-1 | Decommissioning Planning Parts 20, 30, 40 and 70 76 FR 35512 | 12/17/2015 | Proposed ML14307B118 Final ML16203A332 | Comments 02/19/2015 ML14307B093 No Comments 9/7/2016 ML16203A306 | |
| 2011-2 | Licenses, Certifications, and Approvals for Materials Licensees Parts 30, 36, 39, 40, 70 and 150 76 FR 56951 | 11/14/2014 | Proposed ML14307B118 Final ML16203A332 | No Comments 02/19/2015 ML14307B093 No Comments 9/7/2016 ML16203A306 | |

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|---------|---|-----------------------------|---|--|-------|
| 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 | Proposed ML14307B118 Final ML16203A332 | Comments 02/19/2015 ML14307B093 No Comments 9/7/2016 ML16203A306 | |
| 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 ML14307B118 Final ML16203A332 Revised Final ML17052A675 | Comments 20/19/2015 ML14307B093 Comments 9/7/2016 ML16203A306 No Comments 03/22/2017 ML17052A607 | |
| 2012-3 | Technical Corrections Parts 30, 34, 40 and 71 77 FR 39899 | 08/06/2015 | Proposed ML14307B118 Final ML16203A332 Revised Final ML17052A675 | Comments 02/19/2015 ML14307B093 Comments 9/7/2016 ML16203A306 No Comments 03/22/2017 ML17052A607 | |

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|---------|---|-----------------------------|---|--|-------|
| 2012-4 | Requirements for Distribution of Byproduct Material Parts 30, 31, 32, 40 and 70 77 FR 43666 | 10/23/2015 | Proposed ML14307B118 Final ML16203A332 Revised Final ML17052A675 | Comments 02/19/2015 ML14307B093 Comments 9/7/2016 ML16203A306 No Comments 03/22/2017 ML17052A607 | |
| 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 ML14307B118 Final ML16054A490 | Comments 02/19/2015 ML14307B093 Comments 03/04/2016 ML16054A371 | |

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|---------|---|-----------------------------|---|--|-------|
| *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 ML14307B118 Final ML16203A332 Revised Final ML17052A675 Revised Final ML17139D382 | Comments 02/19/2015 ML14307B093 Comments 9/7/2016 ML16203A306 Comment 03/22/2017 ML17052A607 No Comments 06/27/2017 ML17139D381 | |
| *2015-1 | Domestic Licensing of Special Nuclear Material – Written Reports and Clarifying Amendments Part 70 79 FR 57721, 80 FR 143 | 01/26/2018 | Proposed ML17139D382 | No Comments 06/27/2017 ML17139D381 | |
| *2015-2 | Safeguards Information - Modified Handling Categorization, Change for Materials Facilities Parts 30, 37, 73 and 150 79 FR 58664, 80 FR 3865 | 01/28/2018 | Proposed ML17139D382 | No Comments 06/27/2017 ML17139D381 | |
| *2015-3 | Revisions to Transportation Safety Requirements and Harmonization with International Atomic Energy Agency Transportation Requirements Part 71 80 FR 33987 | 07/13/2018 | Proposed ML17139D382 | Comments 06/27/2017 ML17139D381 | |

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|---------|---|-----------------------------|-------------------------|--|-------|
| *2015-4 | Miscellaneous Corrections, Parts 37 and 40 80 FR 45841 | 09/02/2018 | Proposed ML17139D382 | No Comments 06/27/2017 ML17139D381 | |
| *2015-5 | Miscellaneous Corrections, Parts 19, 20, 30, 32, 37, 40, 61, 70, 71 and 150 80 FR 74974 | 12/31/2018 | Proposed ML17139D382 | No Comments 06/27/2017 ML17139D381 | |