

December 23, 2013

Paul Schmidt, Manager  
Radiation Protection Section  
Division of Public Health  
Department of Health Services  
P.O. Box 2659  
Madison, Wisconsin 53701-2659

Dear Mr. Schmidt:

We have reviewed the Wisconsin legally binding requirements in the draft license condition received by our office on October 4, 2013. These requirements were reviewed by comparison to the equivalent Nuclear Regulatory Commission (NRC) rules in 10 CFR Parts 20, 30, 32, 33, 34, 35, 36, 37, 39, 71 and the requirements of the one amendment identified in the enclosed State Regulation Status (SRS) Data Sheet. We discussed our review of the regulations with Cheryl Rogers on December 20, 2013.

As a result of our review, we have ten comments that have been identified in the enclosure. Please note that we have limited our review to the legally binding requirements required for compatibility and/or health and safety. We have determined that if these requirements 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 Federal and State Materials and Environmental Management Programs (FSME) Procedure SA-200, "Compatibility Categories and Health and Safety Identification for NRC Regulations and Other Program Elements."

We request that when you revise your legally binding requirements to address our comments, a copy of the revised legally binding requirements be provided to us for review. As requested in FSME Procedure SA-201, "Review of State Regulatory Requirements," please highlight the location of any changes made by Wisconsin, in response to our comments, and provide a copy to Division of Materials Safety and State Agreements, FSME.

Additionally, please note that NRC has issued certain security Orders to two Wisconsin licensees. We have not listed the names of the licensees in this letter because that information is Official Use Only and cannot be made publicly available. Because the NRC-issued Orders are still legally binding, they must be rescinded by NRC concurrent with Wisconsin amending those specific licenses with the legally binding requirements. Accordingly, close coordination is needed between NRC and your office to ensure there are no conflicts, duplications, or gaps regarding the security-related requirements for these two licensees. Please contact Adelaide Giantelli, Branch Chief, Source Management and Protection Branch, FSME at (301) 415-3521 ([adelaide.giantelli@nrc.gov](mailto:adelaide.giantelli@nrc.gov)) for information regarding the affected Wisconsin licensees and for coordination with rescission of the NRC-issued Orders and Wisconsin imposition of the legally binding requirement on these licensees after NRC's review of the revised legally binding requirement.

P. Schmidt

-2-

The SRS Data Sheet summarizes our knowledge of the status of other Wisconsin 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 FSME website: <http://nrc-stp.ornl.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 Kathleen Schneider, State Regulation Review Coordinator, at 301-415-2320 ([Kathleen.Schneider@nrc.gov](mailto:Kathleen.Schneider@nrc.gov)) or Janine Katanic at 817-200-1151 ([Janine.Katanic@nrc.gov](mailto:Janine.Katanic@nrc.gov)).

Sincerely,

*/RA A.D. White for/*

Pamela J. Henderson, Deputy Director  
Division of Materials Safety and State Agreements  
Office of Federal and State Materials  
and Environmental Management Programs

Enclosures:

1. Compatibility Comments
2. Wisconsin SRS Data Sheet

P. Schmidt

-2-

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Sincerely,

**/RA A.D. White for/**

Pamela J. Henderson, Deputy Director  
Division of Materials Safety and State Agreements  
Office of Federal and State Materials  
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Enclosures:

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2. Wisconsin SRS Data Sheet

DISTRIBUTION: SP07

WI File, 13-40  
JLynch, RIII/RSOA  
AGiantelli, MSSA

Incoming Document: ML13280A010

OFFICE	ASPB	ASPB	OGC	ASPB:BC	MSSA:DD
NAME	JFKatanic / via email	KSchneider	BJones/ <b>jwo</b>	ADWhite	PHenderson/adw
DATE	12/05/13	12/05/13	12/19/13	12/23/13	12/23/13

ML13326A055

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Package ML13280A009

## COMPATIBILITY COMMENTS ON WISCONSIN LEGALLY BINDING REQUIREMENT

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
1	Legally Binding Requirement	37.5	2013-1	[B]	<p><b>Definitions: Agreement State</b></p> <p>Part (b) of the LBR states that any reference to the Commission or NRC shall be deemed to be a reference to the Wisconsin Department of Health Services (DHS) except in 37.27 (c). However, use of NRC in the definition of Agreement State is appropriate and should not be replaced with Wisconsin DHS. Wisconsin needs to include the definition Agreement State as an exception in the LBR(b).</p> <p>Wisconsin needs to make the above change in order to meet the Compatibility Category [B] designation assigned to 10 CFR 37.5 Definition: Agreement State.</p>
2	Legally Binding Requirement	37.5	2013-1	[H&S]	<p><b>Definitions: Byproduct material</b></p> <p>Part (b) of the LBR states that any reference to the Commission or NRC shall be deemed to be a reference to the Wisconsin DHS except in 37.27(c). However, use of “the Commission” in the definition of Byproduct material (see (4)(i)) is appropriate and should not be replaced with Wisconsin DHS. Wisconsin needs to include the definition Byproduct material as an exception in the LBR(b).</p> <p>Wisconsin needs to make the above change in order to meet the Category [H&amp;S] designation assigned to 10 CFR 37.5 Definition: Byproduct material.</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
3	Legally Binding Requirement	37.5	2013-1	D	<p><b>Definitions: Commission</b></p> <p>Part (b) of the LBR states that any reference to the Commission or NRC shall be deemed to be a reference to the Wisconsin DHS except in 37.27(c). Although this definition is assigned Compatibility Category D, the term "Commission" is used in sections of 10 CFR Part 37 to mean the NRC "Commission" and not Wisconsin DHS.</p> <p>Wisconsin needs to include the definition Commission as an exception in the LBR(b) in order to avoid any conflicts, duplications or gaps.</p>
4	Legally Binding Requirement	37.5	2013-1	C	<p><b>Definitions: Fingerprint orders</b></p> <p>Part (b) of the LBR states that any reference to the Commission or NRC shall be deemed to be a reference to the Wisconsin DHS except in 37.27(c). However, use of NRC in the definition of Fingerprint orders is appropriate and should not be replaced with Wisconsin DHS. Wisconsin needs to include the definition Fingerprint orders as an exception in the LBR(b).</p> <p>Wisconsin needs to make the above change in order to meet the Compatibility Category C designation assigned to 10 CFR 37.5 Definition: Fingerprint orders.</p>
5	Legally Binding Requirement	37.5	2013-1	[C]	<p><b>Definitions: Person</b></p> <p>Part (b) of the LBR states that any reference to the Commission or NRC shall be deemed to be a reference to the Wisconsin DHS except in 37.27(c). However, use of NRC in the definition of Person is appropriate and should not be replaced with</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<p>Wisconsin DHS. Wisconsin needs to include the definition Person as an exception in the LBR(b).</p> <p>Wisconsin needs to make the above change in order to meet the Compatibility Category [C] designation assigned to 10 CFR 37.5 Definition: Person.</p>
6	Legally Binding Requirement	37.25(b)	2013-1	C	<p><b>Background investigations</b></p> <p>Part (b) of the LBR states that any reference to the Commission or NRC shall be deemed to be a reference to the Wisconsin DHS except in 37.27(c). However, use of NRC in 10 CFR 37.25(b)(2) is appropriate since only NRC issued the referenced security orders under Part 73 and NRC should not be replaced with Wisconsin DHS.</p> <p>Wisconsin needs to list 10 CFR 37.25(b) as an exception in the LBR(b) in order to meet the Compatibility Category C designation assigned to 10 CFR 37.25(b).</p>
7	Legally Binding Requirement	37.27(a)	2013-1	C	<p><b>Requirements for criminal history records checks of individuals granted unescorted access to category 1 or category 2 quantities of radioactive material</b></p> <p>Part (b) of the LBR states that any reference to the Commission or NRC shall be deemed to be a reference to the Wisconsin DHS except in 37.27(c). However, use of Commission in 10 CFR 37.27(a)(1) is appropriate since the fingerprints must only be transmitted to the Commission and not to Wisconsin DHS.</p> <p>Wisconsin needs to list 10 CFR 37.27(a) as an exception in the</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					LBR(b) in order to meet the Compatibility Category C designation assigned to 10 CFR 37.27(a).
8	Legally Binding Requirement	37.29(a)	2013-1	B	<p><b>Relief from fingerprinting, identification, and criminal history records checks and other elements of background investigations for designated categories of individuals permitted unescorted access to certain radioactive materials</b></p> <p>Part (b) of the LBR states that any reference to the Commission or NRC shall be deemed to be a reference to the Wisconsin DHS except in 37.27(c). However, use of the Commission in 10 CFR 37.29(a)(1) is appropriate since employees of the Commission are granted relief. Additionally, the use of NRC in 10 CFR 37.29(a)(7) is appropriate because there will still be employees of Agreement States performing inspections on behalf of NRC in other states being done on behalf of (and in agreement with) NRC. Likewise, the use of NRC in 10 CFR 37.29(a)(8) is appropriate since only NRC can certify IAEA representatives.</p> <p>Wisconsin needs to list 10 CFR 37.29(a) as an exception in the LBR(b) in order to meet the Compatibility Category B designation assigned to 10 CFR 37.29(a).</p>
9	Legally Binding Requirement	37.71(a)-(c)	2013-1	B	<p><b>Additional requirements for transfer of category 1 and category 2 quantities of radioactive material</b></p> <p>Part (b) of the LBR states that any reference to the Commission or NRC shall be deemed to be a reference to the Wisconsin DHS except in 37.27(c). However, use of Commission in 10 CFR 37.71(a)-(b) is appropriate and should not be</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<p>changed to Wisconsin DHS. Additionally, the use of NRC in 10 CFR 37.71(a)-(c) is appropriate because it is NRC's license verification system. Wisconsin needs to list 10 CFR 37.71(a)-(c) as an exception in the LBR(b).</p> <p>The phrase "licensee of the Commission or an Agreement State" in throughout 10 CFR 37.71 should be deemed to be a reference to "licensee of the Wisconsin DHS, NRC or an Agreement State" in order to include transfers from NRC licensees. Wisconsin should add an additional provision to the LBR to address transfers from NRC licensees.</p> <p>Wisconsin needs to make the above changes in order to meet the in order to meet the Compatibility Category B designation assigned to 10 CFR 37.71(a)-(c).</p>
10	Legally Binding Requirement	37.77 (a)-(d)	2013-1	B	<p><b>Advance notification of shipment of category 1 quantities of radioactive material</b></p> <p>Part (e) of the LBR needs to be revised to state "For making required reports of events or notifications in 37.41, 37.45, 37.57, <b>37.77(a)-(d)</b>, and 37.81, use..."</p> <p>Wisconsin needs to make the above change in order to meet the in order to meet the Compatibility Category B designation assigned to 10 CFR 37.77(a)-(d).</p>



# STATE REGULATION STATUS

State: Wisconsin

Tracking Ticket Number: 13-40  
Date: December 23, 2013

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

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Package	Outgoing Package	Notes
1991-1	Safety Requirements for Radiographic Equipment Part 34 55 FR 843 (Superceded by 1997-5)	01/10/1994	Not Required	Not Required	Wisconsin 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	Wisconsin has adopted Final Regulations equivalent to RATS ID: 1997-5.
1991-3	Standards for Protection Against Radiation Part 20 56 FR 23360; 56 FR 61352; 57 FR 38588; 57 FR 57877; 58 FR 67657; 59 FR 41641; 60 FR 20183	01/01/1994	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1991-4	Notification of Incidents Parts 20, 30, 31, 34, 39, 40, 70 56 FR 64980	10/15/1994	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1992-1	Quality Management Program and Misadministrations Part 35 56 FR 34104 (Superceded by 2002-2)	01/27/1995	Final	08/01/02	Wisconsin has adopted Final Regulations equivalent to RATS ID: 2002-2.
1992-2	Eliminating the Recordkeeping Requirements for Departures from Manufacturer's Instructions Parts 30, 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 Termination: Documentation Additions [Restricted areas and spill sites] Parts 30, 40 58 FR 39628	10/25/1996	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.

<b>RATS ID</b>	<b>NRC Chronology Identification</b>	<b>Date Due for State Adoption</b>	<b>Incoming Package</b>	<b>Outgoing Package</b>	<b>Notes</b>
1993-2	Licensing and Radiation Safety Requirements for Irradiators Part 36 58 FR 7715	07/01/1996	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1993-3	Definition of Land Disposal and Waste Site QA Program Part 61 58 FR 33886	07/22/1996	Not Applicable	Not Applicable	Wisconsin does not have authority to regulate this material under its Agreement.
1994-1	Self-Guarantee as an Additional Financial Mechanism Parts 30, 40, 70 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	Not Applicable	Not Applicable	Wisconsin does not have authority to regulate this material under its Agreement.
1994-3	Timeliness in Decommissioning Material Facilities Parts 30, 40, 70 59 FR 36026	08/15/1997	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1995-1	Preparation, Transfer for Commercial Distribution, and Use of Byproduct Material for Medical Use Parts 30, 32, 35 59 FR 61767; 59 FR 65243; 60 FR 322	01/01/1998	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1995-2	Frequency of Medical Examinations for Use of Respiratory Protection Equipment Part 20 60 FR 7900	03/13/1998	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1995-3	Low-Level Waste Shipment Manifest Information and Reporting Parts 20, 61 60 FR 15649; 60 FR 25983	03/01/1998	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1995-4	Performance Requirements for Radiography Equipment Part 34 60 FR 28323	06/30/1998	Not Required	Not Required	Wisconsin has adopted Final Regulations equivalent to RATS ID: 1997-5.

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	<b>(Superceded by 1997-5)</b>				
1995-5	Radiation Protection Requirements: Amended Definitions and Criteria Parts 19, 20 60 FR 36038	08/14/1998	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1995-6	Clarification of Decommissioning Funding Requirements Parts 30, 40, 70 60 FR 38235	11/24/1998	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1995-7	Medical Administration of Radiation and Radioactive Materials Parts 20, 35 60 FR 48623 <b>(Superceded by 2002-2 and 2005-2)</b>	10/20/1998	Final	08/01/02	Wisconsin has adopted Final Regulations equivalent to RATS IDs: 2002-2 and 2005-2.
1996-1	Compatibility with the International Atomic Energy Agency Part 71 60 FR 50248; 61 FR 28724 <b>(Superceded by 2004-1)</b>	04/01/1999	Final	08/01/02	Wisconsin has adopted Final Regulations equivalent to RATS ID: 2004-1.
1996-2	One Time Extension of Certain Byproduct, Source and Special Nuclear Materials Licenses Parts 30, 40, 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: Record keeping Requirements Parts 20, 30, 40, 61, 70 61 FR 24669	06/17/1999	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1997-1	Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act Part 20 61 FR 65120	01/9/2000	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1997-2	Recognition of Agreement State Licenses in Areas Under Exclusive Federal Jurisdiction Within an Agreement State Part 150	02/27/2000	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Package	Outgoing Package	Notes
	62 FR 1662				
1997-3	Criteria for the Release of Individuals Administered Radioactive Material Parts 20, 35 62 FR 4120	05/29/2000	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1997-4	Fissile Material Shipments and Exemptions Part 71 62 FR 5907 <b>(Superceded by 2004-1)</b>	02/10/2000	Final	08/01/02	Wisconsin has adopted Final Regulations equivalent to RATS ID: 2004-1. (See STP-97-078)
1997-5	Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiography Operations Parts 30, 34, 71, 150 62 FR 28947	06/27/2000	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1997-6	Radiological Criteria for License Termination Parts 20, 30, 40, 70 62 FR 39057	08/20/2000	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
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	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1998-1	Deliberate Misconduct by Unlicensed Persons Parts 30, 40, 61, 70, 71, 150 63 FR 1890; 63 FR 13773	02/12/2001	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1998-2	Self-Guarantee of Decommissioning Funding by Nonprofit and Non-Bond-Issuing Licensees Parts 30, 40, 70 63 FR 29535	07/01/2001	Not Required	Not Required	These regulation changes are not required to be adopted for purposes of Compatibility.
1998-3	License Term for Medical Use Licenses Part 35 63 FR 31604 <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) Wisconsin has adopted Final

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					Regulations equivalent to RATS ID: 2002-2.
1998-4	Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations Part 34 63 FR 37059	07/09/2001	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1998-5	Minor Corrections, Clarifying Changes, and a Minor Policy Change Parts 20, 32, 35, 36, 39 63 FR 39477; 63 FR 45393	10/26/2001	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1998-6	Transfer for Disposal and Manifests: Minor Technical Conforming Amendment Part 20 63 FR 50127	11/20/2001	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1999-1	Radiological Criteria for License Termination of Uranium Recovery Facilities Part 40 64 FR 17506	06/11/2002	Not Applicable	Not Applicable	Wisconsin does not have authority to regulate this material under its Agreement.
1999-2	Requirements for Those Who Possess Certain Industrial Devices Containing Byproduct Material to Provide Requested Information Part 31 64 FR 42269	10/04/2002	Not Required	Not Required	These regulation changes are not required to be adopted for purposes of Compatibility.
1999-3	Respiratory Protection and Controls to Restrict Internal Exposure Part 20 64 FR 54543; 64 FR 55524	02/02/2003	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
2000-1	Energy Compensation Sources for Well Logging and Other Regulatory Clarifications Part 39 65 FR 20337	05/17/2003	Final	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
2000-2	New Dosimetry Technology	01/08/2004	Final	08/01/02	Regulations adopted with the package

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	Parts 34, 36, 39 65 FR 63750				including Wisconsin's application to become an Agreement State.
2001-1	Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material Parts 30, 31, 32 65 FR 79162	02/16/2004	Final ML 101400048	No Comments 07/14/2010 ML 101580437	
2002-1	Revision of the Skin Dose Limit Part 20 67 FR 16298	04/05/2005	Final ML 063120323	No Comments 01/09/2007 ML 070090076	
2002-2	Medical Use of Byproduct Material Parts 20, 32, 35 67 FR 20249	10/24/2005	Final ML 070530037	No Comments 03/13/2007 ML 070720431	
2003-1	Financial Assurance for Materials Licensees Parts 30, 40, 70 68 FR 57327	12/03/2006	Final ML 063120323	No Comments 01/09/2007 ML 070090076	
2004-1	Compatibility With IAEA Transportation Safety Standards and Other Transportation Safety Amendments Part 71 69 FR 3697	10/01/2007	Final ML 101400048	No Comments 07/14/2010 ML 101580437	
2005-1	Security Requirements for Portable Gauges Containing Byproduct Material Part 30 70 FR 2001	07/11/2008	Final ML 063120323	No Comments 01/09/2007 ML 070090076	
2005-2	Medical Use of Byproduct Material - Recognition of Specialty Boards Part 35 70 FR 16336; 71 FR 1926	04/29/2008	Final ML 101400048	No Comments 07/14/2010 ML 101580437	
2005-3	Increased Controls for Risk-Significant Radioactive Sources (NRC Order EA-05-090) 70 FR 72128	12/01/2005	License Condition ML 052560315	No Comments 09/14/2005 ML 052580010	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Package	Outgoing Package	Notes
2006-1	Minor Amendments Parts 20, 30, 32, 35, 40 and 70 71 FR 15005	03/27/2009	Final ML 101400048	No Comments 07/14/2010 ML 101580437	
2006-2	National Source Tracking System - Serialization Requirements Part 32 with reference to Part 20 Appendix E 71 FR 65685	02/06/2007	Final ML 101400048	No Comments 07/14/2010 ML 101580437	
2006-3	National Source Tracking System Part 20 71 FR 65685, 72 FR 59162	01/31/2009	Final ML 101400048  License Condition ML082600587	No Comments 07/14/2010 ML 101580437  No Comments 09/29/2008 ML 082620071	
2007-1	Medical Use of Byproduct Material - Minor Corrections and Clarifications Parts 32 and 35 72 FR 45147, 54207	10/29/2010	Final ML 101400048	No Comments 07/14/2010 ML 101580437	
2007-2	Exemptions From Licensing, General Licenses, and Distribution of Byproduct Material: Licensing and Reporting Requirements Parts 30, 31, 32, 150 72 FR 58473	12/17/2010	Final ML 101400048	No Comments 07/14/2010 ML 101580437	
2007-3	Requirements for Expanded Definition of Byproduct Material Parts 20, 30, 31, 32, 33, 35, 61, 150 72 FR 55864	11/30/2010	Final ML 101400048	No Comments 07/14/2010 ML 101580437	
2007-4	Order Imposing Fingerprinting Requirements and Criminal History Records Check Requirements for Unescorted Access to Certain Radioactive Material NRC Order EA-07-305 72 FR 70901	06/05/2008	License Condition ML081080577 ML081230699	No Comments 05/02/2008 ML081221031	

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2008-1	Occupational Dose Records, Labeling Containers, and Total Effective Dose Equivalent Parts 19, 20 72 FR 68043	02/15/2011	Final ML 101400048	No Comments 07/14/2010 ML 101580437	
2009-1	Medical Use of Byproduct Material – Authorized User Clarification Part 35 74 FR 33901	09/28/2012	Final ML 101400048	Comments 07/14/2010 ML 101580437	
2011-1	Decommissioning Planning Parts 20, 30, 40, 70 76 FR 35512	12/17/2015			
2011-2	Licenses, Certifications, and Approvals for Materials Licensees Parts 30, 36, 39, 40, 70, and 150 76 FR 56951	11/14/2014			
2012-1	Change of Compatibility of 10 CFR 31.5 and 31.6 (See RATS ID: 2001-1 for Rule text) 77 FR 3640	01/25/2015			
2012-2	Advance Notification to Native American Tribes of Transportation of Certain Types of Nuclear Waste Part 71 77 FR 34194	08/10/2015			
2012-3	Technical Corrections Part 30, 34, 40 and 70 77 FR 39899	08/06/2015			
2012-4	Requirements for Distribution of Byproduct Material Parts 30, 31, 32, 40 and 70 77 FR 43666	10/23/2015			



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*2013-1	Physical Protection of Byproduct Material, 10 CFR Parts 20, 30, 32, 33, 34, 35, 36, 37, 39, and 71 78 FR 16922	03/19/2016	License Condition ML 13280A010	Comments 12/23/2013 ML 13280A009	
2013-2	Distribution of Source Material to Exempt Persons and to General Licensees and Revision of General License and Exemptions, 10 CFR Parts 30, 40, and 70 78 FR 32310	08/27/2016			

<sup>1</sup> R Means proposed revisions to a final rule