



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

February 2, 2017

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

Dear Mr. Schmidt:

We have reviewed the proposed revisions to the regulations in Wisconsin Chapter DHS 157, received by our office on December 20, 2016. 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) 2013-1, 2015-1, 2015-2, 2015-4, and 2015-5 as identified in the enclosed State Regulation Status (SRS) Data Sheet. We discussed our review of the regulations with Mark Paulson on January 31, 2017.

As a result of our review, we have four 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 Wisconsin 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 Wisconsin 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 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 NMSS State Communication Portal: <https://scp.nrc.gov/rulemaking.html>.

P. Schmidt

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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.rolan@nrc.gov).

Sincerely,

/RA Paul Michalak for/

Pamela J. Henderson, Deputy Director
Division of Material Safety, State, Tribal
and Rulemaking Programs
Office of Nuclear Material Safety
and Safeguards

Enclosures:

1. Compatibility Comments
2. Wisconsin SRS Data Sheet

COMPATIBILITY COMMENTS ON WISCONSIN PROPOSED REGULATIONS

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
1	157.102(1)	37.25(a)	2013-1	B	<p>Background investigations</p> <p>In their equivalent regulations to 37.25(a)(2), Wisconsin uses the phrase, “including but not limited to...” , rather than “e.g.”. As written, this requires that the licensee review <u>all</u> of the forms listed which is more restrictive and not essentially identical to 10 CFR 37.25(a).</p> <p>Wisconsin needs to change the phrase “including, but not limited to” to “e.g.” to meet the Compatibility Category B designation assigned to 10 CFR 37.25(a).</p>
2	157.103(3) (a) & (b)	37.27(c)	2013-1 2015-5	B	<p>Requirements for criminal history records checks of individuals granted unescorted access to category 1 or category 2 quantities of radioactive material</p> <p>Wisconsin needs to update the Mail Stop to TWB-05 B32M, and replace “Office of the Chief Information Services” to “Office of the Chief Information Officer” in DHS 157.103(3)(a).</p> <p>Wisconsin needs to update the phone number to 301-492-3531 in DHS 157.103(3)(b).</p> <p>Wisconsin needs to make the updates described above to DHS 157.103(a) and (b), respectively, to meet the Compatibility Category B designation assigned to 10 CFR 37.27(c)(1)</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
3	157.106	37.33	2013-1	C	<p>Access authorization program review</p> <p>Wisconsin needs to add the phrase “noncompliance that is” at the end of the second sentence between the last two words “any” and “identified.” in DHS 157.106(1).</p> <p>Wisconsin needs to make the update described above to meet the Compatibility Category C designation assigned to 10 CFR 37.33.</p>
4	157.03(166 m)	71.4, Indian Tribe	2015-5	B	<p>Definitions</p> <p>Wisconsin needs to capitalize the word “Tribe” in the definition.</p> <p>Wisconsin needs to make the change described above to meet the Compatibility Category B designation assigned to 10 CFR 71.4.</p>

The following comments are editorial in nature and are not related to compatibility

1	157 various sections	various	various	various	In multiple sections of their regulations, Wisconsin should capitalize, “Nuclear Regulatory Commission”, and “the Commission” where applicable.
2	157.108(3)	37.43(c)(1)-(c)(3)	2013-1	B	<p>General security program requirements</p> <p>In their equivalent regulation to 37.43(c)(3), Wisconsin regulations state “shall include the all the following:”. Wisconsin should edit the statement to read “all of the following”.</p>

STATE REGULATION STATUS

State: Wisconsin

Tracking Ticket Number: 17-20

Date: February 2, 2017

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

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
1991-1	Safety Requirements for Radiographic Equipment Part 34 55 FR 843 (Superceded by 1997-5)	01/10/1994	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, and 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.

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing 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 Termination: Documentation Additions [Restricted areas and spill sites] Parts 30 and 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.
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, and 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.

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
1994-3	Timeliness in Decommissioning Material Facilities Parts 30, 40, and 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, and 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 and 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 (Superceded by 1997-5)	06/30/1998	Not Required	Not Required	Wisconsin has adopted Final Regulations equivalent to RATS ID: 1997-5.
1995-5	Radiation Protection Requirements: Amended Definitions and Criteria Parts 19 and 20 60 FR 36038	08/14/1998	Final	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 Letter	Outgoing Package	Notes
1995-6	Clarification of Decommissioning Funding Requirements Parts 30, 40, and 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 and 35 60 FR 48623 (Superceded by 2002-2 and 2005-2)	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 (Superceded by 2004-1)	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, 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: Record keeping Requirements Parts 20, 30, 40, 61, and 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.

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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	08/01/02	Regulations adopted with the package including Wisconsin's application to become an Agreement State.
1997-3	Criteria for the Release of Individuals Administered Radioactive Material Parts 20 and 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 (Superceded by 2004-1)	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, and 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, and 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 Microcurie 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.

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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	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, and 70 63 FR 29535	07/01/2001	Not Required	Not Required	These regulation changes are not required to be adopted for purposes of Compatibility.
1998-3	License Term for Medical Use Licenses Part 35 63 FR 31604 (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) Wisconsin has adopted Final Regulations equivalent to RATS ID: 2002-2.
1998-4	Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations Part 34 63 FR 37059	07/09/2001	Final	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, and 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.

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 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 Parts 34, 36, and 39 65 FR 63750	01/08/2004	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 Letter	Outgoing Package	Notes
2001-1	Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material Parts 30, 31, and 32 65 FR 79162	02/16/2004	Final ML101400048	No Comments 07/14/2010 ML101580437	
2002-1	Revision of the Skin Dose Limit Part 20 67 FR 16298	04/05/2005	Final ML063120323	No Comments 01/09/2007 ML070090076	
2002-2	Medical Use of Byproduct Material Parts 20, 32, and 35 67 FR 20249	10/24/2005	Final ML070530037	No Comments 03/13/2007 ML070720431	
2003-1	Financial Assurance for Materials Licensees Parts 30, 40, and 70 68 FR 57327	12/03/2006	Final ML063120323	No Comments 01/09/2007 ML070090076	
2004-1	Compatibility With IAEA Transportation Safety Standards and Other Transportation Safety Amendments Part 71 69 FR 3697	10/01/2007	Final ML101400048	No Comments 07/14/2010 ML101580437	
2005-1	Security Requirements for Portable Gauges Containing Byproduct Material Part 30 70 FR 2001	07/11/2008	Final ML063120323	No Comments 01/09/2007 ML070090076	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
2005-2	Medical Use of Byproduct Material - Recognition of Specialty Boards Part 35 70 FR 16336; 71 FR 1926	04/29/2008	Final ML101400048	No Comments 07/14/2010 ML101580437	
2005-3	Increased Controls for Risk-Significant Radioactive Sources (NRC Order EA-05-090) 70 FR 72128	12/01/2005	License Condition ML052560315	No Comments 09/14/2005 ML052580010	
2006-1	Minor Amendments Parts 20, 30, 32, 35, 40, and 70 71 FR 15005	03/27/2009	Final ML101400048	No Comments 07/14/2010 ML101580437	
2006-2	National Source Tracking System - Serialization Requirements Part 32 with reference to Part 20 Appendix E 71 FR 65685	02/06/2007	Final ML101400048	No Comments 07/14/2010 ML101580437	
2006-3	National Source Tracking System Part 20 71 FR 65685, 72 FR 59162	01/31/2009	Final ML101400048 License Condition ML082600587	No Comments 07/14/2010 ML101580437 No Comments 09/29/2008 ML082620071	
2007-1	Medical Use of Byproduct Material - Minor Corrections and Clarifications Parts 32 and 35 72 FR 45147, 54207	10/29/2010	Final ML101400048	No Comments 07/14/2010 ML101580437	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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 ML101400048	No Comments 07/14/2010 ML101580437	
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 ML101400048	No Comments 07/14/2010 ML101580437	
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	
2008-1	Occupational Dose Records, Labeling Containers, and Total Effective Dose Equivalent Parts 19 and 20 72 FR 68043	02/15/2011	Final ML101400048	No Comments 07/14/2010 ML101580437	
2009-1	Medical Use of Byproduct Material – Authorized User Clarification Part 35 74 FR 33901	09/28/2012	Final ML101400048	Comments 07/14/2010 ML101580437	
2011-1	Decommissioning Planning Parts 20, 30, 40, and 70 76 FR 35512	12/17/2015			

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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	Proposed ML16358A462	Comments 01/27/2017 ML16358A452	
2012-3	Technical Corrections Parts 30, 34, 40, and 71 77 FR 39899	08/06/2015	Proposed ML16358A462	Comments 01/27/2017 ML16358A452	
2012-4	Requirements for Distribution of Byproduct Material Parts 30, 31, 32, 40, and 70 77 FR 43666	10/23/2015	Proposed ML16358A462	Comments 01/27/2017 ML16358A452	
*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	License Condition ML14028A018 Proposed ML16358A568	No Comments 02/20/2014 ML14028A016 Comments 02/02/2017 ML16358A451	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
2013-2	Distribution of Source Material to Exempt Persons and to General Licensees and Revision of General License and Exemptions, Parts 30, 40, and 70 78 FR 32310	08/27/2016	License Condition ML16153A311 Revised License Condition ML16221A414 Proposed ML16358A462	Comments 6/27/2016 ML16153A228 No Comments 08/15/2016 ML16222A345 Comments 01/27/2017 ML16358A452	
*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 ML16358A568	No Comments 02/02/2017 ML16358A451	
*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 ML16358A568	No Comments 02/02/2017 ML16358A451	
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 ML16358A462	Comments 01/27/2017 ML16358A452	
*2015-4	Miscellaneous Corrections, Parts 37 and 40 80 FR 45841	09/02/2018	Proposed ML16358A568	No Comments 02/02/2017 ML16358A451	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
*2015-5	Miscellaneous Corrections, Parts 19, 20, 30, 32, 37, 40, 61, 70, 71, and 150 80 FR 74974	12/31/2018	Proposed ML16358A568	Comments 02/02/2017 ML16358A451	

ⁱ R Means proposed revisions to a final rule
