

November 20, 2009

Dennis O'Dowd, Administrator
Radiological Health Section
Division of Public Health Services
Department of Health and Human Services
29 Hazen Drive
Concord, NH 03301-6504

Dear Mr. O'Dowd:

We have reviewed the proposed changes to the New Hampshire regulations Part He-P, "Transportation of Radioactive Material," received by our office on September 24, 2009. These regulations were reviewed by comparison to the equivalent Nuclear Regulatory Commission (NRC) rules in 10 CFR Part 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 you on November 20, 2009.

As a result of our review, we have seven 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 New Hampshire 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 New Hampshire 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 Federal and State Materials and Environmental Management Programs (FSME) Procedure SA-200.

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 FSME Procedure SA-201, Review of State Regulatory Requirements, please highlight the final changes, and provide a copy to Division of Materials Safety and State Agreements, FSME. The SRS Data Sheet summarizes our knowledge of the status of other New Hampshire 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) 415-2230 (kathleen.schneider@nrc.gov) or Karen Meyer at (301) 415-0113 (karen.meyer@nrc.gov).

Sincerely,

/RA/

Terrence Reis, Deputy Director
Division of Materials Safety and State Agreements
Office of Federal and State Materials
and Environmental Management Programs

Enclosures:
As stated

[Concurrence Page]

Enclosures: As stated

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COMPATIBILITY COMMENTS ON *NEW HAMPSHIRE* PROPOSED REGULATIONS

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
1	He-P 4037.04(b)(3)	10 CFR 71.13	2004-1	B	<p>Exemption of physicians</p> <p>New Hampshire regulation He-P 4037.04(b)(3) list 10 CFR 71.13 as a provision that is not incorporated by reference.</p> <p>New Hampshire needs to delete He-P 4037.04(b)(3) in order to meet the compatibility category B designation assigned to 10 CFR 71.13.</p>
2	He-P 4037.04(b)(4)	10CFR 71.14(a) 10CFR 71.14(b)	2004-1	B NRC	<p>Exemption for low-level material</p> <p>New Hampshire does not incorporate 10 CFR 71.14(a) by reference in He-P 4037.04(a) by listing "Title 10 CFR Part 71.14, relating to low level material exemptions" under 4037.04(b)(4).</p> <p>New Hampshire needs to revise He-P 4037.04(b)(4) to list 10 CFR 71.14(b) to the list of sections not incorporated by reference in order to meet the Compatibility Category NRC designation assigned to 10 CFR 71.14(b).</p>
3	He-P 4037.04(b)(6)	10 CFR 71.22	2004-1	[B]	<p>General license: Fissile materials</p> <p>New Hampshire regulation He-P 4037.04(b)(6) lists 10 CFR 71.22 as a provision that is not incorporated by reference.</p> <p>New Hampshire needs to delete He-P 4037.04(b)(6) in order to meet the Compatibility Category B designation assigned to 10 CFR 71.22.</p>
4	He-P 4037.04(b)(8)	10 CFR 71, Subpart E, 10 CFR 71.47	2004-1	NRC [B]	<p>External radiation standards for all packages</p> <p>New Hampshire states in He-P</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<p>4037.04(b)(8) that 10 CFR 71 Subpart E is not incorporated by reference. 10 CFR 71.47 is a provision in 10 CFR Subpart E and is designated as Compatibility Category [B].</p> <p>New Hampshire should specifically list the provisions in 10 CFR Part E in 4037.04(b)(8) that will not be implemented by this regulation, that is, 71.41, 71.43, 71.45, 71.51, 71.55, 71.59, 71.61, 71.63, 71.64 and 71.65.</p> <p>New Hampshire needs to incorporate by reference 10 CFR 71.47 in order to meet the Compatibility Category B designation assigned to 10 CFR 71.47.</p>
5	He-P 4037.04 (b)(11)	10 CFR 71.100 10 CFR 71.103	2004-1	D C	<p>Criminal Penalties</p> <p>New Hampshire lists in He-P 4037.04(b)(11) that the State is not incorporating 10 CFR 71.103 (relating to criminal penalties) by reference; this provision is miscodified and should be 10 CFR 71.100 (relating to criminal penalties). 10 CFR 71.103 is designated as a Compatibility C and needs to be adopted.</p> <p>New Hampshire needs to revise He-P 4037.04(b)(11) by removing "10 CFR 71.103 (relating to criminal penalties)" from the list of sections not incorporated and replace with "10 CFR 71.100 (relating to criminal penalties)" in order to meet the Compatibility Category C designation assigned to 10 CFR 71.103.</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
6	He-P 4037.04(b)	10 CFR 71.101 (c)(2), (d) & (e)	2004-1	NRC	<p>Quality assurance requirements</p> <p>New Hampshire incorporates 10 CFR 71.101 (c)(2), (d) and (e) by reference in He-P 4037.04(a).</p> <p>New Hampshire needs to add 10 CFR 71.101(c)(2), (d) and (e) to the list of sections not incorporated by reference in He-P 4037.04(b) in order to meet the Compatibility Category NRC designation assigned to 10 CFR 71. 101(c)(2), (d) and (e).</p>
7	He-P 4037.04(b)	10 CFR 71, Subpart H	2004-1	NRC	<p>Quality assurance</p> <p>New Hampshire incorporates Subpart H and all its sections by reference.</p> <p>New Hampshire needs to add 10 CFR 71.107, 71.109, 71.111, 71.113, 71.115, 71.117, 71.119, 71.121, 71.123, and 71.125 to the list of sections not incorporated by reference in He-P 4037.04(b) in order to meet the Compatibility Category NRC designation assigned to 10 CFR 71 Subpart H.</p>

STATE REGULATION STATUS

State: New Hampshire

Tracking Ticket Number: 9-46

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

Date: November 20, 2009

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	Final	No Comments	New Hampshire 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	New Hampshire 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	No Comments	
1991-4	Notification of Incidents Parts 20, 30, 31, 34, 39, 40, 70 56 FR 64980;	10/15/1994	Final	No Comments	
1992-1	Quality Management Program and Misadministrations Part 35 56 FR 34104 (Superceded by 2002-2)	01/27/1995	Final	No Comments	New Hampshire has not yet 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.

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Package	Outgoing Package	Notes
1993-1	Decommissioning Recordkeeping and License Termination: Documentation Additions [Restricted areas and spill sites] Parts 30, 40 58 FR 39628	10/25/1996	Final	No Comments	
1993-2	Licensing and Radiation Safety Requirements for Irradiators Part 36 58 FR 7715	07/01/1996	Final ML092710010	No Comments 10/23/2009 ML092800057	
1993-3	Definition of Land Disposal and Waste Site QA Program Part 61 58 FR 33886	07/22/1996	Not Applicable ¹	Not Applicable	New Hampshire does not have any licensees subject to these regulations. (See SECY-95-112)
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	Alabama does not have the 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 ML061990609	No Comments 08/10/2006 ML062220004	
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	No Comments 02/1999	
1995-2	Frequency of Medical Examinations for Use of Respiratory Protection Equipment Part 20 60 FR 7900	03/13/1998	Final	No Comments 08/1998	
1995-3	Low-Level Waste Shipment Manifest Information and	03/01/1998	Final	No Comments	

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	Reporting Parts 20, 61 60 FR 15649; 60 FR 25983			08/1998	
1995-4	Performance Requirements for Radiography Equipment Part 34 60 FR 28323 (Superceded by 1997-5)	06/30/1998	Final	No Comments	New Hampshire has adopted Final Regulations equivalent to RATS ID: 1997-5.
1995-5	Radiation Protection Requirements: Amended Definitions and Criteria Parts 19, 20 60 FR 36038	08/14/1998	Final	No Comments	
1995-6	Clarification of Decommissioning Funding Requirements Parts 30, 40, 70 60 FR 38235	11/24/1998	Final	No Comments	
1995-7	Medical Administration of Radiation and Radioactive Materials Parts 20, 35 60 FR 48623 (Superceded by 2002-2 and 2005-2)	10/20/1998	Final	No Comments	New Hampshire has not yet 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	No Comments	New Hampshire has not yet adopted Final Regulations equivalent to RATS IDs: 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 ML061990609	No Comments 08/10/2006 ML062220004	
1997-1	Resolution of Dual Regulation of Airborne Effluents of	01/9/2000	Final	No Comments	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Package	Outgoing Package	Notes
	Radioactive Materials; Clean Air Act Part 20 61 FR 65120		ML061990609	08/10/2006 ML062220004	
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 ML061990609	No Comments 08/10/2006 ML062220004	
1997-3	Criteria for the Release of Individuals Administered Radioactive Material Parts 20, 35 62 FR 4120	05/29/2000			
1997-4	Fissile Material Shipments and Exemptions Part 71 62 FR 5907 (Superseded by 2004-1)	02/10/2000	Not Required	Not Required	These regulation changes are not required to be adopted for purposes of Compatibility. (See STP-97-078)
1997-5	Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiography Operations Parts 30, 34, 71, 150 62 FR 28947	06/27/2000	Final	No Comments	
1997-6	Radiological Criteria for License Termination Parts 20, 30, 40, 70 62 FR 39057	08/20/2000	Final ML061990609	No Comments 08/10/2006 ML062220004	
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	No Comments	
1998-1	Deliberate Misconduct by Unlicensed Persons Parts 30, 40, 61, 70, 71, 150 63 FR 1890; 63 FR 13773	02/12/2001	Final ML061990609	No Comments 08/10/2006 ML062220004	
1998-2	Self-Guarantee of Decommissioning Funding by Nonprofit	07/01/2001	Not Required	Not Required	These regulation changes are not

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Package	Outgoing Package	Notes
	and Non-Bond-Issuing Licensees Parts 30, 40, 70 63 FR 29535				required to be adopted for purposes of Compatibility.
1998-3	License Term for Medical Use Licenses Part 35 63 FR 31604 (Superseded 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)
1998-4	Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations Part 34 63 FR 37059	07/09/2001	Final ML073040535 License Condition ML082660012	Comments 11/20/2007 ML073240267 No Comments 10/07/2008 ML082730093	
1998-5	Minor Corrections, Clarifying Changes, and a Minor Policy Change Parts 20, 35, 36 63 FR 39477; 63 FR 45393	10/26/2001	Final ML061990609	No Comments 08/10/2006 ML062220004	
1998-6	Transfer for Disposal and Manifests: Minor Technical Conforming Amendment Part 20 63 FR 50127	11/20/2001	Final ML061990609	No Comments 08/10/2006 ML062220004	
1999-1	Radiological Criteria for License Termination of Uranium Recovery Facilities Part 40 64 FR 17506	06/11/2002	Not Applicable	Not Applicable	New Hampshire 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.

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1999-3	Respiratory Protection and Controls to Restrict Internal Exposure Part 20 64 FR 54543; 64 FR 55524	02/02/2003	Final ML061990609	No Comments 08/10/2006 ML062220004	
2000-1	Energy Compensation Sources for Well Logging and Other Regulatory Clarifications Part 39 65 FR 20337	05/17/2003	Final ML042720491 ML042660535	No Comments 10/25/2004 ML043010014	
2000-2	New Dosimetry Technology Parts 34, 36, 39 65 FR 63750	01/08/2004	License Condition ML042720491 ML042660535	No Comments 10/25/2004 ML043010014	
2001-1	Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material Parts 30, 31, 32 65 FR 79162	02/16/2004	Final ML061990609	Comments 08/10/2006 ML062220004	
2002-1	Revision of the Skin Dose Limit Part 20 67 FR 16298	04/05/2005	Final ML061990609	No Comments 08/10/2006 ML062220004	
2002-2	Medical Use of Byproduct Material Parts 20, 32, 35 67 FR 20249	10/24/2005			
2003-1	Financial Assurance for Materials Licensees Parts 30, 40, 70 68 FR 57327	12/03/2006	License Condition ML083390515	No Comments 12/19/2008 ML083460317	
★2004-1	Compatibility With IAEA Transportation Safety Standards and Other Transportation Safety Amendments Part 71 69 FR 3697	10/01/2007	Proposed ML092600622	Comments 11/20/2009 ML092960157	
2005-1	Security Requirements for Portable Gauges Containing	07/11/2008	License Condition	No Comments	

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	Byproduct Material Part 30 70 FR 2001		ML073040537	11/26/2007 ML073300061	
2005-2	Medical Use of Byproduct Material - Recognition of Specialty Boards Part 35 70 FR 16336; 71 FR 1926	04/29/2008			
2005-3	Increased Controls for Risk-Significant Radioactive Sources (NRC Order EA-05-090) 70 FR 72128	12/01/2005	License Condition ML053190108	No Comments 11/17/2005 ML053220519	
2006-1	Minor Amendments Parts 20, 30, 32, 35, 40 and 70 71 FR 15005	03/27/2009			
2006-2	National Source Tracking System - Serialization Requirements Part 32 with reference to Part 20 Appendix E 71 FR 65685	02/06/2007	License Condition ML092860062	No Comments 11/03/2009 ML092870528	
2006-3	National Source Tracking System Part 20 71 FR 65685, 72 FR 59162	01/31/2009	License Condition ML083370040	No Comments 12/17/2008 ML083390033	
2007-1	Medical Use of Byproduct Material - Minor Corrections and Clarifications Parts 32 and 35 72 FR 45147, 54207	10/29/2010			
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			
2007-3	Requirements for Expanded Definition of Byproduct Material Parts 20, 30, 31, 32, 33, 35, 61, 150	11/30/2010			

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Package	Outgoing Package	Notes
	72 FR 55864				
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 ML081270603 ML081350723	No Comments 05/14/2008 ML081350459	
2008-1	Occupational Dose Records, Labeling Containers, and Total Effective Dose Equivalent Parts 19, 20 72 FR 68043	02/15/2011			
2009-1	Medical Use of Byproduct Material – Authorized User Clarification Part 35 74 FR 33901	09/28/2012			

¹ IMPEP Team: verify that New Hampshire does not have any licensees subject to these regulations during each review.