



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

January 5, 2017

Augustinus Ong, Administrator  
State of New Hampshire  
Department of Health and Human Services  
Radiological Health Section  
29 Hazen Drive  
Concord, New Hampshire 03301-6503

Dear Mr. Ong:

We have reviewed the final revisions to the New Hampshire Radiological Health Rules He-P 4003, 4020, 4030, 4031, 4032, 4035, and 4037, received by our office on November 7, 2016. These regulations were reviewed by comparison to the equivalent U.S. Nuclear Regulatory Commission (NRC) rules and the requirements of Regulation Amendment Tracking System Identification Numbers (RATS ID) 2001-1, 2002-2, and 2004-1 as identified in the enclosed State Regulation Status (SRS) Data Sheet. We discussed our review of the regulations with you on January 3, 2017.

As a result of our review, we have 26 comments that have been identified in the enclosure. **In addition to those comments, we have a general comment for New Hampshire to confirm all referenced regulations embedded throughout their submitted rules to ensure that they match the equivalent NRC regulations.** Please note that we have limited our review to regulations required for compatibility and/or health and safety. We have determined that if these regulations 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 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 you revise your regulations to address our comments, 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 location of any changes made by New Hampshire, in response to our comments, 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 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 NMSS State Communication Portal: <https://scp.nrc.gov/rulemaking.html>.

A. Ong

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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](mailto:michelle.beardsley@nrc.gov)) or Lizette Roldán-Otero at (817) 200-1596 ([lizette.roldan@nrc.gov](mailto:lizette.roldan@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. New Hampshire SRS Data Sheet

A. Ong

-2-

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Donna Janda, RSAO  
New Hampshire File

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DATE	12/30/16	12/30/16	12/30/16	1/5 /17	1/5 /17

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**COMPATIBILITY COMMENTS ON NEW HAMPSHIRE FINAL REGULATIONS**

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
1	4031.04 (e)(11)	31.5(c)(9)(i)	2001-1	C	<p><b>Certain detecting, measuring, gauging, or controlling devices and certain devices for producing light or an ionized atmosphere.</b></p> <p>NH regulations do not contain the essential objectives of 31.5(c)(9)(i) as follows:</p> <p>NH omits “a copy of this section, a copy of Secs. 31.2, 30.51, 20.2201, and 20.2202 of this chapter” from its regulation.</p> <p>NH needs to add “a copy of this section, a copy of Secs. 31.2, 30.51, 20.2201, and 20.2202 of this chapter” and replace the NRC regulation with their equivalent regulation in 4031.04(e)(11).</p> <p>NH needs to make the above changes to meet the Compatibility Category C designation assigned to 10 CFR 31.5.</p>
2	4031.04 (e)(15)	31.5(c)(13)	2001-1	C	<p><b>Certain detecting, measuring, gauging, or controlling devices and certain devices for producing light or an ionized atmosphere.</b></p> <p>NH needs to add “3.7 megabecquerel (0.1 millicuries) of radium-226” to the list of radionuclides in 4031.04(e)(15).</p> <p>NH omits “mailing address for the location of use”.</p> <p>NH needs to make the above change to 4031.04</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					to meet the Compatibility Category C designation assigned to 10 CFR 31.5.  <b>COMMENT MODIFIED FROM LETTER DATED JULY 24, 2014 (ML14093A168)</b>
3	4031.05	31.6	2001-1	C	<b>General license to install devices generally licensed in 31.5</b>  NH did not include the reference to the regulation after the phrase "as defined in 10 CFR" in 4031.05.  NH needs to add the equivalent regulation to reference 150.3(f) in order to meet the essential objectives in 4031.05.  NH needs to make the above changes to meet the Compatibility Category C designation assigned to 10 CFR 31.6.
4	4032.03 (d)	32.51a(a)	2001-1	B	<b>Same: Conditions of license</b>  NH replaced the words "policy is to issue high civil penalties" for "shall take enforcement action"; NH needs to add that the general licensee should expect the NRC to take enforcement action in the event of improper disposal.  NH regulations state "the following:" rather than "required information includes," NH should add "includes" before "the following:".  NH needs to make the changes indicated above to 4032.03 to meet the Compatibility Category B designation assigned to 10 CFR 32.51a(a).

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
5	4032.03	32.52(b)	2001-1	B	<p><b>Same: material transfer reports and records</b></p> <p>NH equivalent regulations should include use of the form for transfers—as written it only includes the form for receipts.</p> <p>NH needs to include use of the form for transfers to meet the Compatibility Category B designation assigned to 10 CFR 32.52(b).</p>
6	4032.03 (m) – (n)	32.52(c)	2001-1	B	<p><b>Same: material transfer reports and records</b></p> <p>NH should change “Records required by (l)” in subsection “n” of 4032.03 to “Records required by this paragraph”.</p> <p>NH needs to make the above correction to meet the Compatibility Category B designation assigned to 10 CFR 32.52(c).</p>
7	4032.05 (b)(1) & (b)(2)b.	32.72 (b)(1)& (b)(2)(ii)	2002-2	B	<p><b>Manufacture, preparation, or transfer for commercial distribution of radioactive drugs containing byproduct material for medical use under Part 35</b></p> <p>NH regulations state, “Shall prepare radioactive drugs”. This should be changed to “May prepare radioactive drugs”.</p> <p>NH needs to add a reference to the equivalent of 10 CFR 35.2 definition of medical use.</p> <p>NH needs to make the changes indicated above in 4032.05 to meet the Compatibility Category B</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					designation assigned to 10 CFR 32.72(b)(1) and (b)(2)(ii).
8	4035.09 (b)(1) and 4035.10 (f)	35.24(f)	2002-2	H&S	<p><b>Authority and responsibilities for the radiation protection program</b></p> <p>As NH has divided their equivalent regulations to 35.24(f) into two separate regulations, there needs to be a cross-reference to show that the committee required in 4035.10(f) must meet the requirements in 4035.09(b)(1).</p> <p>NH needs to include a cross-reference to 4035.09(b)(1) in 4035.10(f). Alternatively, NH could include the committee's requirements in both places.</p> <p>NH needs to make the changes indicated above to meet the Comptibility Category H&amp;S assigned to 10 CFR 35.24(f).</p>
9	4035.70	35.51	2002-2	B	<p><b>Training for an authorized medical physicist</b></p> <p>NH regulations are not essentially identical to 35.51 as follows:</p> <p>a) NH needs to rewrite 4035.70(a) to read, "Is certified by a specialty board whose certification process has been recognized...and who meets the requirements in He-P 4035.70 (b)(5) and (b)(6)".</p> <p>b) NH needs to rewrite 4035.70(b)(5) to read "Has obtained written attestation that the individual has satisfactorily completed the requirements in 4035.70 (b)(1), (b)(2) and (b)(6), or 4035.70(b)(3), (b)(4) and (b)(6)".</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<p>c) NH needs to replace “In addition to the requirements of (b) above,” with “In addition to the requirements of (b)(1) and (b)(2) above,”.</p> <p>NH needs to make the above changes to meet the Compatibility Category B designation assigned to 10 CFR 35.51.</p> <p><b>COMMENT STANDS FROM LETTER DATED APRIL 18, 2016 (ML16035A164)</b></p>
10	4035.74	35.55	2002-2	B	<p><b>Training for an authorized nuclear pharmacist</b></p> <p>NH regulations are not essentially identical to 35.55 as follows:</p> <p>a) NH needs to replace the word “didactic” with the words “classroom and laboratory” in front of the word “training” in 4035.74(c)(1)a.</p> <p>b) NH needs to add the word “practical” between “Supervised” and “experience” in 4035.74(c)(1)b.</p> <p>NH needs to make the above changes to meet the Compatibility Category B designation assigned to 10 CFR 35.55.</p> <p><b>COMMENT STANDS FROM LETTER DATED APRIL 18, 2016 (ML16035A164);</b></p> <p><b>And New Comment:</b></p> <p>In 4035.74(d) NH needs to replace</p>



STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					the reference "4035.74(b)" with "4035.74(b)(1)(2) and (3).
11	4035.73	35.59	2002-1	B	<p><b>Recentness of training</b></p> <p>In 4035.73 NH needs to change the wording, "on-going education and applicable experience" to "related continuing education and experience", as stated in 10 CFR 35.59.</p> <p>NH needs to make the change indicated above to meet the Compatibility Category B designation assigned to 10 CFR 35.59.</p>
12	4035.18	35.61	2002-2	H&S	<p><b>Calibration of survey instruments</b></p> <p>NH regulations in 4035.18(c) state, "shall use if less than 20%". As stated this does not prohibit use of the survey instrument if above 20% as required by 10 CFR 35.61.</p> <p>NH needs to make the change indicated above to meet the Compatibility Category H&amp;S designation assigned to 10 CFR 35.61.</p>
13	4035.35	35.300	2002-2	H&S	<p><b>Use of unsealed byproduct material for which a written directive is required</b></p> <p>NH regulations do not contain the essential health and safety objectives of 35.300 as follows:</p> <p>a) NH needs to change the phrase "Prepared by, excluding (a) above..." to "Excluding production of PET radionuclides, prepared by..." in 4035.35(b).</p> <p>b) NH needs to change the phrase</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<p>“Obtained from and prepared by DHHS/RHS...” to “Obtained from and prepared by a DHHS/RHS licensee”.</p> <p>NH needs to make the above changes to meet the Category H&amp;S designation assigned to 10 CFR 35.300.</p> <p><b>COMMENT STANDS FROM LETTER DATED APRIL 18, 2016 (ML16035A164)</b></p>
14	4035.37	35.315	2002-2	H&S	<p><b>Safety precautions</b></p> <p>NH omits the word “visibly” before “post” in (a)(2).</p> <p>NH needs to change “their contamination” in (a)(3) to “their radioactivity”.</p> <p>NH needs to make the changes indicated above to meet the Compatibility Category H&amp;S designation assigned to 10 CFR 35.315.</p>
15	4035.65	35.390	2002-2	B	<p><b>Training for use of unsealed byproduct material for which a written directive is required</b></p> <p>NH regulations state:  “(b) To have its certification process recognized, a specialty board shall require all candidates for certification to:  (1) Complete residency training in a radiation therapy or nuclear training program or a ...”.</p> <p>NH needs to add “medicine” between “nuclear” and “training program” in</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<p>(b), and add "Successfully" at the beginning of (1) before "Complete".</p> <p>In (c)(1): after "shall include," NH needs to add "classroom and laboratory training in the following areas:".</p> <p>In (c)(2): NH needs to add their equivalent of 35.390(b), i.e., 4035.65(c), (d), and (e).</p> <p>NH needs to make sure that (c)(2)b. is considered part of required work experience. As written, it is structurally separate.</p> <p>NH needs to add the equivalent of NRC footnote 2.</p> <p>NH needs to make the changes indicated above to meet the Compatibility Category B designation assigned to 10 CFR 35.390.</p>
16	4035.66 (a)-(c)	35.392	2002-2	B	<p><b>Training for the oral administration of sodium iodide I-131 requiring a written directive in quantities less than or equal to 1.22 Gigabecquerels (33 millicuries)</b></p> <p>NH regulations are not essentially identical to 35.392 as follows:</p> <p>a) NH needs to add the words "requiring a written directive" after the word "procedures" at the end of the sentence in 4035.66(b).</p> <p>b) NH needs to change the first sentence in 4035.66(b)(2) to read "Have work experience, under the supervision of an authorized user who meets the requirements in He-P 4035.65, He-P 4035.66(a)</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<p>and (b), He-P 4035.66(d) and (e),...".</p> <p>NH needs to make the above changes to meet the compatibility Category B designation assigned to 10 CFR 35.392.</p> <p><b>COMMENT MODIFIED FROM LETTER DATED APRIL 18, 2016 (ML16035A164);</b></p> <p><b>And New Comment:</b></p> <p>NH needs to check the structure of the regulation to ensure that the use and placement of "and" and "or" properly correspond to the NRC regulation.</p>
17	4035.66 (d)-(i)	35.394	2002-2	B	<p><b>Training for the oral administration of sodium iodide I-131 requiring a written directive in quantities greater than 1.22 Gigabequerels (33 millicuries)</b></p> <p>NH regulations are not essentially identical to 35.394 as follows:</p> <ul style="list-style-type: none"> <li>a) NH needs to change the word "user" to the word "under" between the words "authorized" and "He-P 4035.35" at the end of the sentence in 4035.66(g).</li> <li>b) In He-P 4035.66(i)(2), NH needs to change "He-P 4035.66(g)" to "He-P 4035.66(i)(4) – (i)(6) and (j)".</li> <li>c) NH needs to change 4035.66(i)(4) to remove the words "An authorized user who does not meet the requirements of He-P 4035.65(c) above,".</li> </ul>

STATE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
				<p><b>COMMENT STANDS FROM LETTER DATED APRIL 18, 2016 (ML16035A164);</b></p> <p><b>And New Comment:</b></p> <p>NH needs to add "He-P 4035.66(h) after 4035.66(g) in (d)(2).</p>
18	4035.44(a)	35.406	2002-2	<p><b>H&amp;S</b></p> <p><b>Brachytherapy sources accountability</b></p> <p>NH regulations do not contain the essential health and safety objectives of 35.406 as follows:</p> <p>NH needs to add the word "research" between the words "human" and "subject" in 4035.44(a)(2).</p> <p>NH needs to make the above change to meet the Category H&amp;S designation assigned to 10 CFR 35.406.</p> <p><b>COMMENT STANDS FROM LETTER DATED APRIL 18, 2016 (ML16035A164)</b></p>
19	4035.42	35.410	2002-2	<p><b>H&amp;S</b></p> <p><b>Safety precautions</b></p> <p>NH regulations do not contain the essential health and safety objectives of 35.410 as follows:</p> <ul style="list-style-type: none"> <li>a) NH needs to add the words "radiation safety" between the words "provide" and "instruction" in 4035.42(a).</li> <li>b) NH needs to remove the words "in case of a dislodged source" at the end of 4035.42(c)(2).</li> </ul>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<p>NH needs to make the above changes to meet the Category H&amp;S designation assigned to 10 CFR 35.410.</p> <p><b>COMMENT STANDS FROM LETTER DATED APRIL 18, 2016 (ML16035A164)</b></p>
20	4035.68	35.590	2002-2	B	<p><b>Training for use of sealed sources for diagnosis</b></p> <p>NH regulations are not essentially identical to 35.590 as follows:</p> <p>NH needs to change the word "instruction" to the words "classroom and laboratory training" in 4035.68(b).</p> <p>NH needs to make the above change to meet the Compatibility Category B designation assigned to 10 CFR 35.590.</p> <p><b>COMMENT STANDS FROM LETTER DATED APRIL 18, 2016 (ML16035A164)</b></p>
21	4035.54 (g)-(n)	35.633	2002-2	H&S	<p><b>Full calibration measurements on teletherapy units</b></p> <p>In NH regulations 4035.54(n), the reference to 4035.53(g) should be corrected to read "4035.54(g)".</p> <p>NH needs to make the change indicated above to meet the Compatibility Category H&amp;S designation assigned to 10 CFR 35.632.</p>

22	4035.55 (a)-(e)	35.642	2002-2	H&S	<p><b>Periodic spot-checks for teletherapy units</b></p> <p>NH regulations do not contain the essential health and safety objectives of 35.642 as follows:</p> <ul style="list-style-type: none"> <li>a) NH needs to add the word “written” between “ in accordance with” and “procedures established by ” to 4035.55(b).</li> <li>b) NH needs to add parentheses around the words “restriction of source housing angulation or elevation, carriage or stand travel and operation of the beam on-off mechanism” in 4035.55(d)(2).</li> <li>c) NH needs to replace the word “malfunctions” with “indicates the malfunction of any system” in 4035(e).</li> </ul> <p>NH needs to make the above changes to meet the Category H&amp;S designation assigned to 10 CFR 35.642.</p> <p><b>COMMENT STANDS FROM LETTER DATED APRIL 18, 2016 (ML16035A164)</b></p>
23	4035.55 (p)-(u)	35.645	2002-2	H&S	<p><b>Periodic spot-checks for gamma stereotactic radiosurgery units</b></p> <p>NH regulations do not contain the essential health and safety objectives of 35.645 as follows:</p> <ul style="list-style-type: none"> <li>a) In 4035.55(r), NH needs to replace “He-P 4035.55(o)(1)” with “He-P 4035.55(p)(1)”.</li> <li>b) In 4035.55(s), NH needs to add the requirement for spot checks to ensure proper operation of radiation monitors used to indicate</li> </ul>

					<p>room exposures to the list of spot checks in this section.</p> <p>NH needs to make the above changes to meet the Category H&amp;S designation assigned to 10 CFR 35.645.</p> <p><b>COMMENT STANDS FROM LETTER DATED APRIL 18, 2016 (ML16035A164)</b></p>
24	4035.56 (a) and (b)	35.652	2002-2	H&S	<p><b>Radiation surveys</b></p> <p>In 4035.56(b), NH needs to add the words “the unit or” between “compromise the radiation safety of” and “the source(s)”.</p> <p>NH needs to make the above changes to meet the Category H&amp;S designation assigned to 10 CFR 35.652.</p> <p><b>COMMENT STANDS FROM LETTER DATED APRIL 18, 2016 (ML16035A164)</b></p>
25	4035.14	35.3045	2002-2	C	<p><b>Report and notification of a medical event</b></p> <p>NH omits an equivalent regulation corresponding to 10 CFR 35.3045(g)(2).</p> <p>NH needs to add the above regulation in order to meet the Compatibility Category C designation assigned to 10 CFR 35.3045.</p> <p><b>COMMENT STANDS FROM LETTER DATED APRIL 18, 2016 (ML16035A164)</b></p> <p><b>And New Comment:</b></p>



					NH regulation 4035.14(n) omits the requirement that if a verbal notification is made, the licensee shall inform the individual, or responsible relative or guardian, that a written description of the event can be obtained from the licensee upon request as required by 10 CFR 35.3045(e).
26	4035.38	35.3047	2002-2	C	<p><b>Report and notification of a dose to an embryo/fetus or a nursing child</b></p> <p>In 4035.38(a), NH needs to include the words “or radiation from byproduct material” between “a result of an administration of byproduct material” and “to a pregnant individual”.</p> <p>NH needs to make the above change in order to meet the Compatibility Category C designation assigned to 10 CFR 35.3047.</p> <p><b>COMMENT STANDS FROM LETTER DATED APRIL 18, 2016 (ML16035A164)</b></p>

**EDITORIAL/TYPOGRAPHICAL COMMENTS  
ON NEW HAMPSHIRE FINAL REGULATIONS**

4035.64	35.290	2002-2	<b>Training for imaging and localization studies</b>  NH needs to change “elute” to “eluate”.
4035.69	35.490	2002-2	<b>Training for use of manual brachytherapy sources</b>  In (a)(1)b. NH needs to change “administering” to “administered”.
4035.53	35.630	2002-2	<b>Dosimetry equipment</b>  NH needs to add a period or some sort of punctuation between “4 years” and “eighteen to thirty months”. As written, it reads like one longer period of time.

**STATE REGULATION STATUS**

State: New Hampshire

Tracking Ticket Number: 17-09  
Date: 1/ 5 /2017

[# 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 <b>(Superceded by 1997-5)</b>	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 <b>(Superceded by 1997-5)</b>	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 and 70 56 FR 64980;	10/15/1994	Final	No Comments	
1992-1	Quality Management Program and Misadministrations Part 35 56 FR 34104 <b>(Superceded by 2002-2)</b>	01/27/1995	Final	No Comments	New Hampshire 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	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 <sup>i</sup>	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 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	New Hampshire does not have the 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 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 and 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 Reporting Parts 20 and 61 60 FR 15649; 60 FR 25983	03/01/1998	Final	No Comments 08/1998	
1995-4	Performance Requirements for Radiography Equipment Part 34 60 FR 28323 <b>(Superceded by 1997-5)</b>	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 and 20 60 FR 36038	08/14/1998	Final	No Comments	

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	No Comments	
1995-7	Medical Administration of Radiation and Radioactive Materials Parts 20 and 35 60 FR 48623 <b>(Superceded by 2002-2 and 2005-2)</b>	10/20/1998	Final	No Comments	New Hampshire has not yet adopted Final Regulations equivalent to RATS ID 2005-2. They have adopted Final Regulations to RATS ID 2002-2..
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	No Comments	New Hampshire has adopted Final Regulations 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 ML061990609	No Comments 08/10/2006 ML062220004	
1997-1	Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act Part 20 61 FR 65120	01/9/2000	Final ML061990609	No Comments 08/10/2006 ML062220004	

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 ML061990609	No Comments 08/10/2006 ML062220004	
1997-3	Criteria for the Release of Individuals Administered Radioactive Material Parts 20 and 35 62 FR 4120	05/29/2000	R <sup>2</sup> ML12171A302  License Condition ML12171A302  Proposed ML12341A216  Final ML16035A295	No Comments 07/24/2012 ML12200A082  No Comments 07/24/2012 ML12200A082  Comments 03/28/2013 ML13035A121  No Comments 04/18/2016 ML16035A164	Part 35 only
1997-4	Fissile Material Shipments and Exemptions Part 71 62 FR 5907 <b>(Superceded by 2004-1)</b>	02/10/2000	Not Required	Not Required	These regulation changes are not required to be adopted for purposes of Compatibility. (See STP-97-078)

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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	No Comments	
1997-6	Radiological Criteria for License Termination Parts 20, 30, 40 and 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 and 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 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 <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)



RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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, 32, 35, 36 and 39 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.

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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 and 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 and 32 65 FR 79162	02/16/2004	R <sup>2</sup> ML14093A273	Comments 07/24/2014 ML14093A168	
2002-1	Revision of the Skin Dose Limit Part 20 67 FR 16298	04/05/2005	Final ML061990609	No Comments 08/10/2006 ML062220004	

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2002-2	Medical Use of Byproduct Material Parts 20, 32 and 35 67 FR 20249	10/24/2005	Proposed ML12341A216  Proposed ML14093A273  Final ML16035A295	Comments 03/28/2013 ML13035A121  Comments 07/24/2014 ML14093A168  Comments 04/18/2016 ML16035A164	Part 35 only  Part 20 and 32
2003-1	Financial Assurance for Materials Licensees Parts 30, 40 and 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	License Condition ML083390515  Proposed ML092600622	No Comments 12/19/2008 ML083460317  Comments 11/20/2009 ML092960157	
2005-1	Security Requirements for Portable Gauges Containing Byproduct Material Part 30 70 FR 2001	07/11/2008	License Condition ML073040537	No Comments 11/26/2007 ML073300061	

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	Proposed ML12341A216	Comments 03/28/2013 ML13035A121	Part 35 only
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	Proposed ML12341A216  Proposed ML14093A273	Comments 03/28/2013 ML13035A121  Comments 07/24/2014 ML14093A168	Part 35 only  Parts 20, 30, 32, 40, & 70
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  Proposed ML14093A273	No Comments 11/03/2009 ML092870528  No Comments 07/24/2014 ML14093A168	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
2006-3	National Source Tracking System Part 20 71 FR 65685, 72 FR 59162	01/31/2009	License Condition ML083370040  Proposed ML14093A273	No Comments 12/17/2008 ML083390033  Comments 07/24/2014 ML14093A168	
2007-1	Medical Use of Byproduct Material - Minor Corrections and Clarifications Parts 32 and 35 72 FR 45147, 54207	10/29/2010	Proposed ML12341A216  Proposed ML14093A273	Comments 03/28/2013 ML13035A121  Comments 07/24/2014 ML14093A168	Part 35  Part 32
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	Proposed ML14093A273	Comments 07/24/2014 ML14093A168	
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	Proposed ML12341A216  Proposed ML14093A273	Comments 03/28/2013 ML13035A121  Comments 07/24/2014 ML14093A168	Part 35 only  Parts 20, 30, 31, 32, 33, 61, and 150

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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 and 20 72 FR 68043	02/15/2011	Proposed ML14093A273	No Comments 07/24/2014 ML14093A168	
2009-1	Medical Use of Byproduct Material – Authorized User Clarification Part 35 74 FR 33901	09/28/2012	Proposed ML12341A216	Comments 03/28/2013 ML13035A121	Part 35 only
2011-1	Decommissioning Planning Parts 20, 30, 40 and 70 76 FR 35512	12/17/2015	Proposed ML14093A273	No Comments 07/24/2014 ML14093A168	Parts 20, 30, 40 and 70
2011-2	Licenses, Certifications, and Approvals for Materials Licensees Parts 30, 36, 39, 40, 70 and 150 76 FR 56951	11/14/2014	Proposed ML14325A633	Comments 12/31/2014 ML14342A832	
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	Proposed ML14093A273	Comments 07/24/2014 ML14093A168	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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 ML15042A534	Comments 03/10/2015 ML15042A264	Note: NH incorporated Part 71 by reference. Comments were related to provisions that were not part of the RATS ID
2012-3	Technical Corrections Parts 30, 34, 40 and 71 77 FR 39899	08/06/2015	Proposed ML15099A764	No Comments 05/13/2015 ML15099A761	
2012-4	Requirements for Distribution of Byproduct Material Parts 30, 31, 32, 40 and 70 77 FR 43666	10/23/2015	Proposed ML15133A476	Comments 06/04/15 ML15159A989	
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 ML15303A132  License Condition ML16057A038  Final ML16179A110	Comments 11/30/2015 ML15303A124  No Comments 03/01/16 ML16057A035  Comments 07/27/16 ML16179A097	Part 37 only   All Parts
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			

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
2015-1	Domestic Licensing of Special Nuclear Material – Written Reports and Clarifying Amendments Part 70 79 FR 57721, 80 FR 143	01/26/2018			
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			
2015-3	Revisions to Transportation Safety Requirements and Harmonization with International Atomic Energy Agency Transportation Requirements Part 71 80 FR 33987	07/13/2018			
2015-4	Miscellaneous Corrections, Parts 37 and 40 80 FR 45841	09/02/2018			
2015-5	Miscellaneous Corrections, Parts 19, 20, 30, 32, 37, 40, 61, 70, 71 and 150 80 FR 74974	12/31/2018			

<sup>i</sup> IMPEP Team: verify that New Hampshire does not have any licensees subject to these regulations during each review.

<sup>2</sup> R means proposed revision to a final rule