

August 18, 2011

William Passetti, Chief  
Bureau of Radiation Control  
Department of Health  
4052 Bald Cypress Way, BinC21  
Tallahassee, FL 32399-1741

Dear Mr. Passetti:

We have reviewed the proposed changes to the Florida's Control of Radiation Hazards regulations, Chapter 64E-5, Florida Administrative Code (FAC), received by our office on June 08, 2011. These regulations were reviewed by comparison to the equivalent Nuclear Regulatory Commission (NRC) rules in 10 CFR Parts 20, 30, 31, 32, 33, 35, 40, 61, 70, 150, and the requirements of the six amendments identified in the enclosed State Regulation Status (SRS) Data Sheet. We discussed our review of the regulations with Mike Stephens on August 16, 2011.

As a result of our review, we have 11 new comments and 12 standing comments from a previous review, 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 Florida 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 Florida 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 Florida 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>.

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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 Kathleen Schneider, State Regulation Review Coordinator at 301-415-2320 ([kathleen.schneider@nrc.gov](mailto:kathleen.schneider@nrc.gov)) or Leira Cuadrado at 301-415-0707 ([leira.cuadrado@nrc.gov](mailto:leira.cuadrado@nrc.gov)).

Sincerely,

*/RA/*

Mark S. Delligatti, Acting Deputy Director  
Division of Materials Safety and State Agreements  
Office of Federal and State Materials and  
Environmental Management Programs

Enclosures:  
As stated

**COMPATIBILITY COMMENTS ON FLORIDA PROPOSED REGULATIONS**

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
1	64E-5.203(3)(a)3  and  64E-5.203(3)(a)5	30.15	2007-2	B	<p><b>Certain items containing byproduct material</b></p> <p>Florida states “before December 12, 2007” instead of “December 17, 2007.”</p> <p>Florida needs to make the above change to meet the Compatibility Category B designation assigned to 10 CFR 30.15.</p>
2	64E-5.203(2)(a)	30.18	2007-2	B	<p><b>Exempt quantities</b></p> <p>In 64E-5.203(2)(a) Florida states “Except as provided in (2)(b) through (e)” when it should state from section 64E-5.203(2)(b) through 64E-5.203(2)(d).</p> <p>Florida needs to correct the references mentioned above to meet the Compatibility Category B designation assigned to 10 CFR 30.18.</p>
3	64-5.206(4)(c)7	31.5	2007-2	B  (Note: 12/2/2011 SRM changed Compatibility Category to “C”. The FRN has not been published yet)	<p><b>Certain detecting, measuring, gauging, or controlling devices and certain devices for producing light or an ionized atmosphere</b></p> <p>By omitting the phrase “or export,” in 64-5.206(4)(c)7 Florida does not require the filing of a report after the export of a device which is less restrictive than NRC requirements.</p> <p>Florida needs to make the above change to meet the Compatibility Category C designation assigned to 10 CFR 31.5.</p>
4	404.031(14) (b)	20.1003	2007-3	B	<p><b>Definition: Waste</b></p> <p>Florida omits the phrase “radioactive wastes containing source, special</p>

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					<p>nuclear, or byproduct material that are acceptable for disposal in a land disposal facility” in 404.031(14)(b).</p> <p>Also, the definition should include “(3) and (4)” after “... 11(e)(2)”</p> <p>Florida needs to make the above above changes to meet the Compatibility Category B designation assigned to 10 CFR 20.1003.</p>
5	State of Florida Bureau of Radiation Control ALIs, DACs, and Effluent Concentrations, March 2011	Part 20 Appendix B	2007-3	A	<p><b>Annual Limits on Intake (ALIs) and Derived Air Concentrations (DACs) of Radionuclides for Occupational Exposure; Effluent Concentrations; Concentrations for Release to Sewerage</b></p> <p>Florida lists In Table 2: Effluent concentration, Column 1, for Oxygen 1E-7 µCi/ml instead of 2E-8 µCi/ml.</p> <p>Florida needs to make the above change to meet the Compatibility Category A designation assigned to 10 CFR Part 20 Appendix B.</p>
6	64E-5.203(2)(e)	30.18 (b)	2007-3	B	<p><b>Exempt quantities</b></p> <p>Florida omits the phrase: “or similar general license of a State, is exempt from the requirements for a license to the extent that this person possesses, uses, transfers, or owns byproduct material.”</p> <p>Florida needs to add this phrase in order to meet the Compatibility Category B designation assigned to 10 CFR 30.18(b).</p>
7	64E-5.203(3)(c)	30.20(a)	2007-3	B	<p><b>Gas and aerosol detectors containing byproduct material</b></p> <p>Florida omits the bold wording shown below:</p> <p>“(a) Except for persons who manufacture, process, produce, <b>or</b></p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<p><b>initially transfer for sale or distribution gas and aerosol detectors</b> containing byproduct material, any person is exempt from the requirements for a license set forth in section 81 of the Act and from the regulations in parts 19, 20, and 30 through 36, and 39 of this chapter to the extent that the person receives, possesses, uses, transfers, owns, or acquires byproduct material in gas and aerosol detectors designed to protect life or property from fires and airborne hazards, <b>and manufactured, processed, produced, or initially transferred in accordance with a specific license issued under § 32.26 of this chapter, which license authorizes the initial transfer of the product for use under this section.</b> This exemption also covers gas and aerosol detectors manufactured or distributed before November 30, 2007 in accordance with a specific license issued by a State under comparable provisions to § 32.26 of this chapter authorizing distribution to persons exempt from regulatory requirements.”</p> <p>Florida needs to add equivalent language to that mentioned above in order to meet the Compatibility Category B designation assigned to 10 CFR 30.20(a).</p>
8	64E-5.210(10)(b) and  64E-5.210(10)(c)	30.32(j)	2007-3	B	<p><b>General provisions and scope</b></p> <p>In 64E-5.210(10)(b) Florida list more than one of the requirements in 10 CFR 32.72(a)(2) which makes this regulation more restrictive.</p> <p>Florida omits an equivalent section to 10 CFR 30.32(j)(3).</p> <p>Florida also omits the following wording in 64E-5.210(10)(c) “the</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<p>maximum activity per vial, syringe, generator, or other container of the radioactive drug”</p> <p>Florida needs to address the comments above to meet the Compatibility Category B designation assigned to 10 CFR 30.32(j).</p>
9	64E-5.210(10)(e)	30.34(j)	2007-3	B	<p><b>Terms and conditions of licenses</b></p> <p>Florida omits in 64E-5.210(10)(e) the phrase “intended for non commercial distribution to members of its consortium.”</p> <p>Florida omits an equivalent section to 10 CFR 30.32(g)(3).</p> <p>Florida also omits equivalent requirements to 10 CFR 30.34(j)(4).</p> <p>Florida needs to add the sections omitted mentioned above to meet the Compatibility Category B designation assigned to 10 CFR 30.34(j).</p>
10	N/A	32.72 (a)(2)(i), (iii), (iv), (v), & (b)	2007-3	B	<p><b>Manufacture, preparation, or transfer for commercial distribution of radioactive drugs, containing byproduct material for certain in vitro clinical or laboratory testing under general license</b></p> <p>Florida omits equivalent sections to 10 CFR 32.72(a)(2)(iv) through (v); 32.72(b)(ii); 32.72(4); and 32.72(5).</p> <p>Florida needs to add the omitted sections mentioned above to meet the Compatibility Category B designation assigned to this part.</p>
11	64E-4.648(4)	35.50(d)	2005-2	B	<p><b>Training for Radiation Safety Officer</b></p> <p>Florida’s regulation allows the option for the written attestation to be signed by a residency program director who represents a consensus of residency</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<p>program faculties in addition to the written attestation signed by a preceptor Radiation Safety Officer who meets the requirements specified in 10 CFR 35.50(d). This option needs to be deleted.</p> <p>Florida needs to replace the language “has demonstrated the ability to function independently as a RSO to fulfill the radiation safety related duties for a medical use license.” with “has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety Officer for a medical use licensee”.</p> <p>Florida needs to make the above changes in order to meet Compatibility Category B designation assigned to 10 CFR 35.50(d).</p> <p><b>COMMENT STANDS from NRC letter dated November 08, 2010.</b></p>
12	64E-5.656(2)(b)	35.51(b)(2)	2002-2 2005-2 2006-1 2009-1	B	<p><b>Training for an authorized medical physicist</b></p> <p>Florida’s regulation allows the option for the written attestation to be signed by a residency program director who represents a consensus of residency program faculties in addition to the written attestation signed by a preceptor authorized medical physicist who meets the requirements specified in 10 CFR 35.51(b). This option needs to be deleted.</p> <p>Florida needs to replace the language “have demonstrated the ability to function independently as an authorized medical physicist to fulfill the radiation safety related duties for each type” with “has achieved a level of competency sufficient to function independently as an authorized medical physicist for each type”.</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<p>Florida needs to make the above changes in order to meet Compatibility Category B designation assigned to 10 CFR 35.51(b)(2).</p> <p><b>COMMENT STANDS from NRC letter dated November 08, 2010.</b></p>
13	64E-5.659(2)(b)	35.55	2002-2 2005-2	B	<p><b>Training for an authorized nuclear pharmacist</b></p> <p>Florida's regulation allows the option for the written attestation to be signed by a residency program director who represents a consensus of residency program faculties in addition to the written attestation signed by a preceptor authorized nuclear pharmacist who meets the requirements specified in 10 CFR 35.55(b). This option needs to be deleted.</p> <p>Florida needs to replace the language "have demonstrated the ability to function independently as an authorized nuclear pharmacist to fulfill the radiation safety related duties for a medical use license" with "has achieved a level of competency sufficient to function independently as an authorized nuclear pharmacist".</p> <p>Florida needs to make the above changes in order to meet Compatibility Category B designation assigned to 10 CFR 35.55(b)(2).</p> <p><b>COMMENT STANDS from NRC letter dated November 08, 2010.</b></p>
14	64E-5.649(3)(b)	35.190(c)(2)	2002-2 2006-1 2009-1	B	<p><b>Training for uptake, dilution and excretion studies</b></p> <p>Florida's regulation allows the option for the written attestation to be signed by a residency program director who represents a consensus of residency program faculties in addition to the written attestation signed by a</p>



STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<p>preceptor authorized user who meets the requirements specified in 10 CFR 35.190(c)(2). This option needs to be deleted.</p> <p>Florida needs to replace the language “has demonstrated the ability to function independently as an authorized user to fulfill the radiation safety related duties for medical uses” with “has achieved a level of competency sufficient to function independently as an authorized user for the medical uses”.</p> <p>Florida needs to make the above changes in order to meet Compatibility Category B designation assigned to 10 CFR 35.190(c)(2).</p> <p><b>COMMENT STANDS from NRC letter dated November 08, 2010.</b></p>
15	64E-5.650(3)(b)	35.290(c)(2)	2002-2 2005-2 2006-1 2009-1	B	<p><b>Training for imaging and localization studies</b></p> <p>Florida’s regulation allows the option for the written attestation to be signed by a residency program director who represents a consensus of residency program faculties in addition to the written attestation signed by a preceptor authorized user who meets the requirements specified in 10 CFR 35.290(c)(2). This option needs to be deleted.</p> <p>Florida needs to replace the language “has demonstrated the ability to function independently as an authorized user to fulfill the radiation safety related duties for...” with “has achieved a level of competency sufficient to function independently as an authorized user for ...”</p> <p>Florida needs to make the above changes in order to meet Compatibility Category B designation</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					assigned to 10 CFR 35.290(c)(2).  <b>COMMENT STANDS from NRC letter dated November 08, 2010.</b>
16	64E-5.626(2)(d) 64E-5.627(2)(d) 64E-5.627(3)(d) 64E-5.630(1)(d) 64E-5.630(2)(d) 64E-5.630(3)(d) 64E-5.630(4)(d)	35.300(b)	2002-2 2006-1	B	<b>Use of unsealed byproduct material for which a written directive is required</b>  Florida does not authorize the unsealed radioactive material to be prepared by an individual under the supervision of an authorized nuclear pharmacist as specified in 10 CFR 35.300(b)(3).  Florida needs to make the above change to meet the Compatibility Category B designation assigned to 35.300(b)(3).
17	64E-5.660(2)(b)	35.390(b)(2)	2002-2 2005-2 2006-1 2009-1	B	<b>Training for use of unsealed by-product material for which a written directive is required</b>  Florida's regulation allows the option for the written attestation to be signed by a residency program director who represents a consensus of residency program faculties in addition to the written attestation signed by a preceptor authorized user who meets the requirements specified in 10 CFR 35.390(b)(2). This option needs to be deleted.  Florida needs to replace the language "have demonstrated the ability to function independently as an authorized user to fulfill the radiation safety related duties for..." with "has achieved a level of competency sufficient to function independently as an authorized user for ..."  Florida needs to make the above changes in order to meet Compatibility Category B designation assigned to 10 CFR 35.390(b)(2).

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					<b>COMMENT STANDS from NRC letter dated November 08, 2010.</b>
18	64E-5.661(3)(c)	35.392(c)(3)	2002-2 2005-2 2006-1 2009-1	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>Florida's regulation allows the option for the written attestation to be signed by a residency program director who represents a consensus of residency program faculties in addition to the written attestation signed by a preceptor authorized user who meets the requirements specified in 10 CFR 35.392(c)(3). This option needs to be deleted.</p> <p>Florida needs to replace the language "have demonstrated the ability to function independently as an authorized user to fulfill the radiation safety related duties for...." with "has achieved a level of competency sufficient to function independently as an authorized user for ..."</p> <p>Florida needs to make the above changes in order to meet Compatibility Category B designation assigned to 10 CFR 35.392(c)(3).</p> <p><b>COMMENT STANDS from NRC letter dated November 08, 2010.</b></p>
19	64E-5.662(3)(c)	35.394(c)(3)	2002-2 2005-2 2006-1 2009-1	B	<p><b>Training for the oral administration of sodium iodide I-131 requiring a written directive in quantities greater than 1.22 Gigabecquerels (33 millicuries)</b></p> <p>Florida's regulation allows the option for the written attestation to be signed by a residency program director who represents a consensus of residency program faculties in addition to the written attestation signed by a preceptor authorized user who meets</p>

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					<p>the requirements specified in 10 CFR 35.394(c)(3). This option needs to be deleted.</p> <p>Florida needs to replace the language “have demonstrated the ability to function independently as an authorized user to fulfill the radiation safety related duties for....” with “has achieved a level of competency sufficient to function independently as an authorized user for ...”</p> <p>Florida needs to make the above changes in order to meet Compatibility Category B designation assigned to 10 CFR 35.394(c)(3).</p> <p><b>COMMENT STANDS from NRC letter dated November 08, 2010.</b></p>
20	64E-5.663(4)(c)	35.396(d)(3)	2005-2 2006-1 2009-1	B	<p><b>Training for the parenteral administration of unsealed byproduct material requiring a written directive</b></p> <p>Florida’s regulation allows the option for the written attestation to be signed by a residency program director who represents a consensus of residency program faculties in addition to the written attestation signed by a preceptor authorized user who meets the requirements specified in 10 CFR 35.396(d)(3). This option needs to be deleted.</p> <p>Florida needs to replace the language “have demonstrated the ability to function independently as an authorized user to fulfill the radiation safety related duties for....” with “has achieved a level of competency sufficient to function independently as an authorized user for ...”</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<p>Florida needs to make the above changes in order to meet Compatibility Category B designation assigned to 10 CFR 35.396(d)(3).</p> <p><b>COMMENT STANDS from NRC letter dated November 08, 2010.</b></p>
21	64E-5.652(2)(c)	35.490(b)(3)	2002-2 2005-2 2006-1 2009-1	B	<p><b>Training for use of manual brachytherapy sources</b></p> <p>Florida's regulation allows the option for the written attestation to be signed by a residency program director who represents a consensus of residency program faculties in addition to the written attestation signed by a preceptor authorized user who meets the requirements specified in 10 CFR 35.490(b)(3). This option needs to be deleted.</p> <p>Florida needs to replace the language "have demonstrated the ability to function independently as an authorized user to fulfill the radiation safety related duties for..." with "has achieved a level of competency sufficient to function independently as an authorized user for ..."</p> <p>Florida needs to make the above changes in order to meet Compatibility Category B designation assigned to 35.490(b)(3).</p> <p><b>COMMENT STANDS from NRC letter dated November 08, 2010.</b></p>
22	64E-5.653(2)(c)	35.491(b)(3)	2002-2 2005-2 2006-1 2009-1	B	<p><b>Training for ophthalmic use of strontium-90</b></p> <p>Florida's regulation allows the option for the written attestation to be signed by a residency program director who represents a consensus of residency program faculties in addition to the written attestation signed by a preceptor authorized user who meets the requirements specified in 10 CFR</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<p>35.491(b)(3). This option needs to be deleted.</p> <p>Florida needs to replace the language “have demonstrated the ability to function independently as an authorized user to fulfill the radiation safety related duties for....” with “has achieved a level of competency sufficient to function independently as an authorized user for ...”</p> <p>Florida needs to make the above changes in order to meet Compatibility Category B designation assigned to 10 CFR 35.491(b)(3).</p> <p><b>COMMENT STANDS from NRC letter dated November 08, 2010.</b></p>
23	64E-5.655(2)(c)	35.690(b)(3)	2002-2	B	<p><b>Training for use of remote afterloader units, teletherapy units, and gamma stereotactic radiosurgery units</b></p> <p>Florida’s regulation allows the option for the written attestation to be signed by a residency program director who represents a consensus of residency program faculties in addition to the written attestation signed by a preceptor authorized user who meets the requirements specified in 10 CFR 35.690(b)(3). This option needs to be deleted.</p> <p>Florida needs to replace the language “have demonstrated the ability to function independently as an authorized user to fulfill the radiation safety related duties for....” with “has achieved a level of competency sufficient to function independently as an authorized user for ...”</p> <p>Florida needs to make the above changes in order to meet Compatibility Category B designation assigned to 10 CFR 35.690(b)(3).</p>

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					<b>COMMENT STANDS from NRC letter dated November 08, 2010.</b>

**STATE REGULATION STATUS**

State: Florida

Tracking Ticket Number: 11-18

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

Date: August 18, 2011

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 <b>(Superceded by 1997-5)</b>	01/10/1994	Final	No Comments 11/08/2000	Florida 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	Florida 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 ML010250079	No Comments 02/08/2001 ML010430124	
1991-4	Notification of Incidents Parts 20, 30, 31, 34, 39, 40, 70 56 FR 64980;	10/15/1994	Final	No Comments 11/08/2000	
1992-1	Quality Management Program and Misadministrations Part 35 56 FR 34104 <b>(Superceded by 2002-2)</b>	01/27/1995	Final	No Comments 11/08/2000	Florida 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.
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 11/08/2000	
1993-2	Licensing and Radiation Safety Requirements for Irradiators Part 36 58 FR 7715	07/01/1996	Final	No Comments 11/08/2000	



RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Package	Outgoing Package	Notes
1993-3	Definition of Land Disposal and Waste Site QA Program Part 61 58 FR 33886	07/22/1996	Not Applicable <sup>1</sup>	Not Applicable	Florida does not have any licensees subject to these regulations (See SECY-95112)
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 no requires 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	Florida does not have authority under its agreement to regulate this material.
1994-3	Timeliness in Decommissioning Material Facilities Parts 30, 40, 70 59 FR 36026	08/15/1997	Final	No Comments 11/08/2000	
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 ML020460297	No Comments 04/24/2002 ML021150491	
1995-2	Frequency of Medical Examinations for Use of Respiratory Protection Equipment Part 20 60 FR 7900	03/13/1998	Final	No Comments 11/08/2000	
1995-3	Low-Level Waste Shipment Manifest Information and Reporting Parts 20, 61 60 FR 15649; 60 FR 25983	03/01/1998	Final	No Comments 11/08/2000	
1995-4	Performance Requirements for Radiography Equipment Part 34 60 FR 28323 <b>(Superceded by 1997-5)</b>	06/30/1998	Final	No Comments 11/08/2000	Florida has adopted Final Regulations equivalent to RATS ID: 1997-5.

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Package	Outgoing Package	Notes
1995-5	Radiation Protection Requirements: Amended Definitions and Criteria Parts 19, 20 60 FR 36038	08/14/1998	Final	No Comments 11/08/2000	
1995-6	Clarification of Decommissioning Funding Requirements Parts 30, 40, 70 60 FR 38235	11/24/1998	Final	No Comments 11/08/2000	
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 ML010250079	No Comments 02/08/2001 ML010430124	Florida 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 <b>(Superceded by 2004-1)</b>	04/01/1999	Final ML010250079	No Comments 02/08/2001 ML010430124	Florida 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 ML010250079	No Comments 02/08/2001 ML010430124	
1997-1	Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act Part 20 61 FR 65120	01/9/2000	Final ML010250079	No Comments 02/08/2001 ML010430124	
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 ML010250079	No Comments 02/08/2001 ML010430124	

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1997-3	Criteria for the Release of Individuals Administered Radioactive Material Parts 20, 35 62 FR 4120	05/29/2000	Final ML010250079	No Comments 02/08/2001 ML010430124	
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	Florida 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 ML102500220	No Comments 11/08/2010 ML102780120	
1997-6	Radiological Criteria for License Termination Parts 20, 30, 40, 70 62 FR 39057	08/20/2000	Final ML020460297	No Comments 04/24/2002 ML021150491	
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 ML010250079	No Comments 02/08/2001 ML010430124	
1998-1	Deliberate Misconduct by Unlicensed Persons Parts 30, 40, 61, 70, 71, 150 63 FR 1890; 63 FR 13773	02/12/2001	Final ML010250079	No Comments 02/08/2001 ML010430124	
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)

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Package	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 ML020460297	No Comments 04/24/2002 ML021150491	
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 ML010250079	No Comments 02/08/2001 ML010430124	
1998-6	Transfer for Disposal and Manifests: Minor Technical Conforming Amendment Part 20 63 FR 50127	11/20/2001	Final ML070510098	No Comments 04/23/2007 ML071100132	
1999-1	Radiological Criteria for License Termination of Uranium Recovery Facilities Part 40 64 FR 17506	06/11/2002	Not Applicable	Not Applicable	Florida 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 regulations 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 ML080780044	No Comments 04/09/2008 ML080990829	
2000-1	Energy Compensation Sources for Well Logging and Other Regulatory Clarifications Part 39 65 FR 20337	05/17/2003	Final ML080780044	No Comments 04/09/2008 ML080990829	
2000-2	New Dosimetry Technology Parts 34, 36, 39 65 FR 63750	01/08/2004	Final ML070510098	No Comments 04/23/2007 ML071100132	

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2001-1	Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material Parts 30, 31, 32 65 FR 79162	02/16/2004	Final ML080780044	Comments 04/09/2008 ML080990829	
2002-1	Revision of the Skin Dose Limit Part 20 67 FR 16298	04/05/2005	Final ML070510098	No Comments 04/23/2007 ML071100132	
*2002-2	Medical Use of Byproduct Material Parts 20, 32, 35 67 FR 20249	10/24/2005	<sup>2</sup> R ML111580543	Comments 08/18/2011 ML111880943	
2003-1	Financial Assurance for Materials Licensees Parts 30, 40, 70 68 FR 57327	12/03/2006	Final ML070510098	No Comments 04/23/2007 ML071100132	
2004-1	Compatibility With IAEA Transportation Safety Standards and Other Transportation Safety Amendments Part 71 69 FR 3697	10/01/2007	Final ML080780044	No Comments 04/09/2008 ML080990829	
2005-1	Security Requirements for Portable Gauges Containing Byproduct Material Part 30 70 FR 2001	07/11/2008	Final ML070510098	No Comments 04/23/2007 ML071100132	
*2005-2	Medical Use of Byproduct Material - Recognition of Specialty Boards Part 35 70 FR 16336; 71 FR 1926	04/29/2008	<sup>2</sup> R ML111580543	Comments 08/18/2011 ML111880943	
2005-3	Increased Controls for Risk-Significant Radioactive Sources (NRC Order EA-05-090) 70 FR 72128	12/01/2005	License Condition ML052700048	No Comments 09/28/2005 ML052720029	
*2006-1	Minor Amendments Parts 20, 30, 32, 35, 40 and 70 71 FR 15005	03/27/2009	<sup>2</sup> R ML111580543	Comments 08/18/2011 ML111880943	

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2006-2	National Source Tracking System - Serialization Requirements Part 32 with reference to Part 20 Appendix E 71 FR 65685	02/06/2007	Final ML080780044	No Comments 04/09/2008 ML080990829	
2006-3	National Source Tracking System Part 20 71 FR 65685, 72 FR 59162	01/31/2009	Final ML080780044	No Comments 04/09/2008 ML080990829	
2007-1	Medical Use of Byproduct Material - Minor Corrections and Clarifications Parts 32 and 35 72 FR 45147, 54207	10/29/2010	Final ML102500220	No Comments 11/08/2010 ML102780120	
*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	Proposed ML111580543	Comments 08/18/2011 ML111880943	
*2007-3	Requirements for Expanded Definition of Byproduct Material Parts 20, 30, 31, 32, 33, 35, 61, 150 72 FR 55864	11/30/2010	Proposed ML111580543	Comments 08/18/2011 ML111880943	
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 ML080420366	No Comments 02/28/2008 ML080590007	
2008-1	Occupational Dose Records, Labeling Containers, and Total Effective Dose Equivalent Parts 19, 20 72 FR 68043	01/03/2011	Proposed ML110910009  License Condition ML110910009	No Comments 05/19/2011 ML111101478  No Comments 05/19/2011 ML111101478	

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*2009-1	Medical Use of Byproduct Material – Authorized User Clarification Part 35 74 FR 33901	09/28/2012	<sup>2</sup> R ML111580543	Comments 08/18/2011 ML111880943	
2011-1	Decommissioning Planning Parts 20, 30, 40, 70 76 FR 35512	12/17/2015			

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<sup>1</sup> IMPEP Team: verify that Florida does not have any licensees subject to these regulations during each review.

<sup>2</sup> R stands for revisions to final rule