

UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

April 12, 2018

Charma Waring, Supervisor Center for Health Facilities and Regulations Rhode Island Department of Health 3 Capitol Hill, Room 305 Providence, RI 02908

Dear Ms. Waring:

We have reviewed the proposed revisions to the Rhode Island regulations, *Rhode Island Rules and Regulations for the Control of Radiation*, received by our office on February 21, 2018. These regulations were reviewed by comparison to the equivalent U.S. Nuclear Regulatory Commission (NRC) rules in 10 CFR Parts 19, 20, 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 70, 71, and 150. We discussed our review of the regulations with you on March 29, 2018.

As a result of our review, we have 56 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 Rhode Island 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 Rhode Island 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 Materials Safety, Security, State, and Tribal Programs, NMSS.

The SRS Data Sheet summarizes our knowledge of the status of other Rhode Island 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.

C. Waring -2-

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 Monica Ford at (610) 337-5214 (Monica.Ford@nrc.gov).

Sincerely,

/RA/ PMichalak for

Linda Howell, Acting Deputy Director Division of Materials Safety, Security, State and Tribal Programs Office of Nuclear Material Safety and Safeguards

Enclosures:

- 1. Compatibility Comments
- 2. Rhode Island SRS Data Sheet

COMPATIBILITY COMMENTS ON RHODE ISLAND PROPOSED REGULATIONS

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
1	2.3	19.3	Part 19	D/NRC	Definition Regulated entities
					Rhode Island incorporates this definition by reference. However a part of this definition is Compatibility Category NRC and does apply to Rhode Island as they do not have regulatory jurisdiction.
					Rhode Island should not adopt 10 CFR 19.3 definition <i>Regulated entities</i> by reference and instead should incorporate the definition into Section 2.3 as meaning "any individual, person, organization or corporation that is subject to the regulatory jurisdiction of Rhode Island."
					Rhode Island needs to make the above change in order to meet to Compatibility Category D/NRC designation assigned to 10 CFR 19.3 definition Regulated Entities.
2	2.2 A.	19.11(b) and (e)	Part 19	NRC	Posting of notices to workers
	2.4				Rhode Island adopts 10 CFR 19.11(b) and (e) by reference in Section 2.2 A. and 2.4. Rhode Island needs to add 10 CFR 19.11(b) and (e) to Section 2.2 B. so that it is not incorporated by reference.
					Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 19.11(b) and (e).

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
3	2.2 A. 2.7	19.14(a)	Part 19	NRC	Presence of representatives of licensees and workers during inspections
					Rhode Island incorporates all of 10 CFR 19.14 by reference in Section 2.2 A. and 2.7. Rhode Island needs to add 19.14(a) to Section 2.2 B. and remove it from Section 2.7 so that it is not incorporated by reference.
					Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 19.14(a).
4	1.9.6	20.1406(b)	Part 20	NRC	Minimization of contamination
					Rhode Island adopts all of 10 CFR 20.1406 in Section 1.9.6. Rhode Island needs to add language which states "excluding 10 CFR 20.1406(b)."
					Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 120 CFR 20.1406(b).
5	1.2 A. 1.14.5	20.1905(g)	Part 20	NRC	Exemptions to labeling requirements
					Rhode Island adopts 10 CFR 20.1905(g) by reference in Sections 1.2 A. and 1.14.5. Rhode Island needs to add 10 CFR 20.1905(g) to Section 1.2 B. and exclude it from Section 1.14.5 so that it is not incorporated by reference. Rhode Island needs to make the above change in order to meet the Compatibility Category NRC
					designation assigned to 10 CFR 20.1905(g).

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
6	1.2 A. 1.17.3	20.2203(c)	Part 20	NRC	Reports of exposures, etc., exceeding the limits. Rhode Island adopts 10 CFR 20.2203(c) by reference in Sections 1.2 A. and 1.17.3. Rhode Island needs to add 10 CFR 20.2203(c) to Section 1.2 B. and exclude it from Section 1.17.3 so that it is not incorporated by reference. Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 20.2203(c).
7	7.2.1 A.	30.4	Part 30	NRC	Definition: Commencement of construction paragraph 2 Rhode Island incorporates this definition by reference in 7.2.1.A. Rhode Island should add paragraph 2 of the definition of Commencement of Construction to Section 7.2.1.B. so that it is not incorporated by reference. Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 30.4 Definition: Commencement of Construction paragraph 2.
8	7.2.1 A.	30.4	Part 30	NRC	Definition: Construction paragraph 9ii Rhode Island incorporates this definition by reference in Section 7.2.1.A. Rhode Island should add paragraph 9ii of the definition of Construction to Section 7.2.1.B. so that it is not incorporated by reference. Rhode Island needs to make the above change in order to meet the Compatibility Category NRC

QT A	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
SIA	TE SECTION	NRC SECTION	KAISID	CATEGORY	designation assigned to 10 CFR 30.4 Definition: Construction paragraph 9ii.
9	7.2.1 B. 7.4.8	30.21(c)	Part 30	NRC	Radioactive drug: Capsules containing carbon-14 urea for "in vivo" diagnostic use for humans Rhode Island adopts 10 CFR 30.21(c) by reference in Section 7.4.8. Rhode Island needs to exclude 30.21(c) from adoption by reference in Section 7.4.8. Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 30.21(c).
10	7.2.1 B. 7.6.3	30.34(d), (e)(1), & (e)(3)	Part 30	NRC	Terms and conditions of licenses Rhode Island adopts by reference 10 CFR 30.34(d), (e)(1), & (e)(3) in Section 7.6.3. Rhode Island needs to exclude these sections from adoption by reference in Section 7.6.3. Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 30.34(d), (e)(1), & (e)(3).
11	7.2.1 B. 7.6.9	30.41(b)(6)	Part 30	NRC	Transfer of byproduct material Rhode Island has an incorrect reference in Section 7.2.1 B. Rhode Island needs to change the reference from 10 CFR 30.41(a)(6) to 10 CFR 30.41(b)(6). Additionally Rhode Island needs to exclude 10 CFR 30.41 from adoption by reference in Section 7.6.9. Rhode Island needs to make the above changes in order to meet the Compatibility Category NRC

CTA	TE SECTION	NDC CECTION	DATOID	CATECORY	CUR IFCT and COMMENTS
SIA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	designation assigned to 10 CFR 30.41(b)(6).
12	7.2.1 A. 7.4.3 7.9.1	30.70	Part 30	В	Schedule A- exempt concentrations table Rhode Island regulations are more restrictive in Section 7.9.1. Rhode Island adopts additional concentrations that are not currently included in 10 CFR 30.70. Rhode Island needs to delete Section 7.9.1 B. from its regulations in order to meet the Compatibility Category B designation assigned to 10 CFR 30.70.
13	7.2.1 A. 7.4.4 7.9.2	30.71	Part 30	В	Schedule B - exempt quantity table Rhode Island regulations are more restrictive in Section 7.9.2. Rhode Island adopts additional quantities that are not currently included in 10 CFR 30.71. Rhode Island needs to delete Section 7.9.2 B. from its regulations in order to meet the Compatibility Category B designation assigned to 10 CFR 30.71.
14	7.2.2 B. 7.7.5 A.	31.9	Part 31	С	General license to own byproduct material Rhode Island omits import or export from its regulation. The second sentence of Section 7.7.5 A. should read "Notwithstanding any other provisions of this Part, a general licensee is not authorized to manufacture, produce, transfer, receive, possess, use, import, or export radioactive material except as authorized by a specific license." Rhode Island needs to make the above change in order to meet the Compatibility Category C designation

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
0.77		THE SECTION		57.1.25Cit.1	assigned to 10 CFR 31.9.
15	7.2.3 B. 7.3	32.2	Part 32	[A]	Definition: Dose commitment Rhode Island does not adopt 10 CFR 32.2 by reference in Section 7.2.3 B. Rhode Island makes a reference to adoption by reference of 10 CFR 32.2 in Section 7.3 A. This can cause confusion. Rhode Island needs to remove 10 CFR 32.2 from Section 7.2.3 B. so that it is adopted by reference. Rhode Island needs to make the above change in order to meet the Compatibility Category [A] designation assigned to 10 CFR 32.2 Definition: Dose commitment.
16	7.2.3 B. 7.3 A.	32.2	Part 32	В	Definition: Lot tolerance percent defective Rhode Island does not adopt 10 CFR 32.2 by reference in Section 7.2.3 B. Rhode Island makes a reference to adoption by reference of 10 CFR 32.2 in Section 7.3 A. This can cause confusion. Rhode Island needs to remove 10 CFR 32.2 from Section 7.2.3 B. so that it is adopted by reference. Rhode Island needs to make the above change in order to meet the Compatibility Category B designation assigned to 10 CFR 32.2 Definition: Lot Tolerance Percent Defective.
17	7.2.3 B. 7.3 A.	32.2	Part 32	В	Definition: Nationally tracked source Rhode Island does not adopt 10 CFR 32.2 by reference in Section 7.2.3 B. Rhode Island makes a reference to adoption by reference of 10 CFR 32.2 in Section 7.3 A. This can cause confusion. Rhode Island needs to remove 10 CFR 32.2 from

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					Section 7.2.3 B. so that it is adopted by reference. Rhode Island needs to make the above change in order to meet the Compatibility Category B designation assigned to 10 CFR 32.2 Definition: Nationally tracked source.
18	7.2.3 B.	32.13	Part 32	С	Same: prohibition of introduction Rhode Island does not adopt 10 CFR 32.13 by reference. Rhode Island needs to remove 32.13 from s Section 7.2.3 B. so that it is adopted by reference. Rhode Island needs to make the above change in order to meet the Compatibility Category C designation assigned to 10 CFR 32.13.
19	7.2.3 B.	32.21a	Part 32	NRC	Same: Conditions of license Rhode Island adopts 10 CFR 32.21a by reference. This regulation is a Compatibility Category NRC and should not be adopted by reference. Rhode Island needs to add 10 CFR 32.21a to Section 7.2.3 B. in order to meet the Compatibility Category NRC designation assigned to 10 CFR 32.21a.
20	7.2.3 B.	32.24	Part 32	В	Same: Table of organ doses Rhode Island does not adopt 10 CFR 32.24 by reference. Rhode Island needs to remove 10 CFR 32.24 from Section 7.2.3 B., and adopt 10 CFR 32.24 by reference in order to meet the Compatibility Category B designation assigned to 10 CFR 32.24.

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
21	7.2.3 A. 7.6.10 A.	32.30	Part 32	NRC	Certain industrial devices containing byproduct material: Requirements for license to manufacture, process, produce, or initially transfer
					Rhode Island adopts 10 CFR 32.30 by reference. 10 CFR 32.30 is a Compatibility Category NRC and should not be adopted by reference.
					Rhode Island needs to add 10 CFR 32.30 to Section 7.2.3 B., and delete Section 7.6.10 A. in order to meet the Compatibility Category NRC designation assigned to 10 CFR 32.30.
22	7.2.3 A. 7.6.10 B.	32.31	Part 32	NRC	Certain industrial devices containing byproduct material: Safety criteria
					Rhode Island adopts 10 CFR 32.31 by reference. 10 CFR 32.31 is a Compatibility Category NRC and should not be adopted by reference.
					Rhode Island needs to add 10 CFR 32.31 to Section 7.2.3 B., and delete Section 7.6.10 B. in order to meet the Compatibility Category NRC designation assigned to 10 CFR 32.31.
23	7.2.3 A. 7.6.10 C.	32.32	Part 32	NRC	Conditions of licenses issued under § 32.30: Quality control, labeling, and reports of transfer
					Rhode Island adopts 10 CFR 32.32 by reference. 10 CFR 32.32 is a Compatibility Category NRC and should not be adopted by reference.
					Rhode Island needs to add 10 CFR 32.32 to Section 7.2.3 B., and delete Section 7.6.10 C. in order to meet the Compatibility Category NRC designation assigned to 10 CFR

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					32.32.
24	7.2.3 A. 7.6.15 A.	32.71	Part 32	В	Manufacture and distribution of byproduct material for certain in vitro clinical or laboratory testing under general license
					Rhode Island's cross walk references Section 7.6.15 A. as the equivalent to 10 CFR 32.71. However, this section adopts by reference 10 CFR 32.61. Rhode Island needs to correct the typographical error in Section 7.6.15 A. to read "10 CFR 32.71".
					Rhode Island needs to make the above change in order to meet the Compatibility Category B designation assigned to 10 CFR 32.71.
25	10.2 B. 10.7.4	34.71	Part 34	В	Utilization logs
	10.7.4				Rhode Island says "or" in Section 10.7.4 A.2 instead of "and." Rhode Island needs to change the word "or" to "and" in Section 10.7.4 A.2
					Rhode Island needs to make the above change in order to meet the Compatibility Category B designation assigned to 10 CFR 34.71.
26	9.2 A. 9.7.5	35.290	Part 35	В	Training for imaging and localization studies
					Rhode Island cites the wrong regulation in Section 9.7.5. Rhode Island needs to delete the reference to 10 CFR 35.190 and replace it with a reference to 10 CFR 35.290.
					Rhode Island needs to make the above change to section 9.7.5 in order to meet the Compatibility Category B designation assigned to 10 CFR 35.290.

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
27	9.2 A. 9.9.8	35.457	Part 35	H&S	Therapy-related computer systems Rhode Island cites the incorrect regulation in Section 9.9.8. Rhode Island needs to delete the reference to 10 CFR 35.437 and replace it with a reference to 10 CFR 35.457. Rhode Island needs to make the above change in order to meet the Compatibility Category H&S designation assigned to 10 CFR 35.457.
28	8.2 C.1.	Multiple	Part 37	Various -	General Comment In Section 8.2 C.1. Rhode Island references parts of 10 CFR Part 37 and states that references to the NRC or the Commission shall not be deemed to be a reference to the Agency. Rhode Island needs to remove the definition of Fingerprint orders from Section 8.2 C.1.a. and also remove reference to 10 CFR 37.25(b) in Section 8.2 C.1.b. In both instances fingerprinting orders were issued by Rhode Island to its' licensees and not by the NRC. Rhode Island needs to make the above change in order to be compatible with 10 CFR Part 37.
29	8.2 A. 8.4.4 B.	37.27(c)	Part 37	В	Requirements for criminal history records checks of individuals granted unescorted access to category 1 or category 2 quantities of radioactive material Rhode Island lists the incorrect address in Section 8.4.4 B. Rhode Island needs to change the address to read "U.S. Nuclear Regulatory Commission Criminal History Program

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					11545 Rockville Pike, Mailstop T- 7D04M Rockville, MD 20852"
					Rhode Island needs to make the above change in order to meet the Compatibility Category B designation assigned to 10 CFR 37.27(c).
30	8.2 B. 8.6.4	37.77(f)	Part 37	С	Advance notification of shipment of category 1 quantities of radioactive material
					Rhode Island does not adopt 10 CFR 37.77(f) by reference. Rhode Island needs to remove 10 CFR 37.77(f) from Section 8.2 B. and the exclusion reference in Section 8.6.4.
					Rhode Island needs to make the above changes in order to meet the Compatibility Category C designation assigned to 10 CFR 37.77(f).
31	7.2.5 A. 7.2.5 B.	40.4	Part 40	NRC	Definition: Commencement of construction, paragraph 2
					Rhode Island adopts paragraph 2 in the definition of commencement of construction by reference in Section 7.2.5 A. Rhode Island needs to add 10 CFR 40.4 Definition: Commencement of construction, paragraph 2 to 7.2.5 B. so that it is not adopted by reference.
					Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 40.4 Definition: Commencement of construction, paragraph 2.
32	7.2.5 A. 7.2.5 B.	40.4	Part 40	NRC	Definition: Construction paragraph 9ii
					Rhode Island adopts paragraph 9ii in the definition of Construction by reference in Section 7.2.5 A.

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					Rhode Island needs to add 10 CFR 40.4 Definition: <i>Construction</i> , paragraph 9ii to Section 7.2.5 B. so that it is not adopted by reference. Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 40.4 Definition: <i>Construction</i> , paragraph 9ii.
33	7.2.5 A. 7.2.5 B.	40.4	Part 40	NRC	Definition: Foreign obligations
	7.2.3 Б.				Rhode Island adopts 10 CFR 40.4 Definition: Foreign obligations by reference in Section 7.2.5 A. This regulation is a Compatibility Category NRC and should not be adopted by Rhode Island.
					Rhode Island needs to place 10 CFR 40.4 Definition: Foreign obligations in Section 7.2.5 B. in order to meet the Compatibility Category NRC designation assigned to 10 CFR 40.4 Definition: Foreign obligations.
34	7.2.5 A.	40.4	Part 40	NRC	Definition: Reconciliation
					Rhode Island adopts 10 CFR 40.4 Definition: Reconciliation by reference in Section 7.2.5 A. This regulation is a Compatibility Category NRC and should not be adopted by Rhode Island.
					Rhode Island needs to place 10 CFR 40.4 Definition: Reconciliation in Section 7.2.5 B. in order to meet the Compatibility Category NRC designation assigned to 10 CFR 40.4 Definition: Reconciliation.

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
35	7.2.5 A. 7.4.10	40.13(c)(5)(iv)	Part 40	NRC	Unimportant quantities of source material Rhode Island adopts 10 CFR 40.13(c)(5)(iv) by reference in Sections 7.2.5 A. and 7.4.10. Rhode Island needs to add 10 CFR 40.13 (c)(5)(iv) to Section 7.2.5 B. and add the language "with the exception of 40.13(c)(5)(iv)" to
					Section 7.4.10 in order to meet the Compatibility Category NRC designation assigned to 10 CFR 40.13 (c)(5)(iv).
36	7.2.5 B. 7.7.9	40.23	Part 40	NRC	General license for carriers of transient shipments of natural uranium other than in the form of ore or ore residue Rhode Island cites an incorrect reference in Section 7.7.9. Rhode Island adopts 10 CFR 40.23 by reference in Section 7.7.9, however they reference the title of 10 CFR 40.22. Rhode Island should change the citation to match the title so that 10 CFR 40.22 is adopted by reference. Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 40.23.
37	7.2.5 A. 7.2.5 B.	40.32(d)	Part 40	NRC	General requirements for issuance of specific licenses Rhode Island adopts 10 CFR 40.32(d) by reference. Rhode Island needs to add 10 CFR 40.32(d) to Section 7.2.5 B. in order to meet the Compatibility Category NRC designation assigned to 10 CFR 40.32 (d), (g) and those portions of

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
JIA	TE SECTION	INCO SECTION	IAI J ID	OATEGORI	paragraph (e) which apply to uranium enrichment and uranium hexafluoride facilities.
38	7.2.5 B. 7.6.4	40.36(a), (b), (d), and (f)	Part 40	H&S	Financial assurance and recordkeeping for decommissioning Rhode Island does not have an equivalent to 10 CFR 40.36 (a), (b), (d) and (f) in its regulations. Rhode Island either needs to adopt 10 CFR 40.36 (a), (b), (d) and (f) by reference, or adopt equivalent language in order to meet the Compatibility Category H&S designation assigned to 10 CFR 40.36 (a), (b), (d) and (f).
39	7.2.5 A. 7.2.5 B.	40.41(d), (e)(1), (e)(3), (g), and (h)	Part 40	NRC	Terms and conditions of licenses Rhode Island adopts 10 CFR 40.41(h) by reference in Section 7.2.5 A. Rhode Island needs to add 10 CFR 40.41(h) to Section 7.2.5 B. so that it is not adopted by reference. Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 40.41(d), (e)(1), (e)(3), (g), and (h).
40	7.2.5 B.	40.46	Part 40	С	Inalienability of licenses Rhode Island does not adopt equivalent provisions to 10 CFR 40.46. Rhode Island needs to either adopt 10 CFR 40.46 by reference, or adopt equivalent language to 10 CFR 40.46 in order to meet the Compatibility Category C designation assigned to 10 CFR 40.46.

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
41	7.6.19 B.	40.56	Part 40	NRC	Restrictions on the use of Australian-obligated source materials Rhode Island lists an incorrect regulation in Section 7.6.19 B. which adopts 10 CFR 40.56 by reference. Rhode Island should cite 10 CFR 40.55 in section Section 7.6.19 B. Rhode Island needs to make the above change in order to meet the
					Compatibility Category NRC designation assigned to 10 CFR 40.56.
42	7.2.6 A.	70.4	Part 70	NRC	Definition: Commencement of construction paragraph 2 Rhode Island adopts paragraph 2 in the definition of commencement of construction by reference in Section 7.2.6 A. Rhode Island needs to add 10 CFR 70.4 Definition: Commencement of construction, paragraph 2 to Section 7.2.6 B. so that it is not adopted by reference. Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 70.4 Definition: Commencement of construction, paragraph 2
43	7.2.6 A.	70.4	Part 70	NRC	Definition Construction paragraph 9ii Rhode Island adopts paragraph 9ii in the definition of Construction by reference in Section 7.2.6 A. Rhode Island needs to add 10 CFR 70.4 Definition: Construction, paragraph 9ii to Section 7.2.6 B. so that it is not adopted by reference. Rhode Island needs to make the above change in order to meet the

ST.	TE SECTION	NDC SECTION	DATEID	CATECORY	SLID IECT and COMMENTS
SIA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS Compatibility Category NRC designation assigned to 10 CFR 70.4 Definition: Construction, paragraph 9ii.
44	7.2.6 B.	70.23 (a)(2), (a)(3), & (a)(4)	Part 70	H&S	Requirements for the approval of applications Rhode Island does not have an equivalent to 10 CFR 70.23 (a)(2), (a)(3), and (a)(4) in its regulations. Rhode Island either needs to adopt 10 CFR 70.23 (a)(2), (a)(3), and (a)(4) by reference, or adopt equivalent language in order to meet the Compatibility Category H&S designation assigned to 10 CFR 70.23 (a)(2), (a)(3), and (a)(4).
45	7.2.6 B.	70.25(a)(2), (b), (e), and (g)	Part 70	H&S	Financial assurance and recordkeeping for decommissioning Rhode Island does not have an equivalent to 10 CFR 70.25 (a)(2), (b), (e) and (g) in its regulations. Rhode Island either needs to adopt 10 CFR 70.25 (a)(2), (b), (e) and (g) by reference or adopt equivalent language in order to meet the Compatibility Category H&S designation assigned to 10 CFR 70.25 (a)(2), (b), (e) and (g)
46	7.2.6 B.	70.36	Part 70	С	Inalienability of licenses Rhode Island omits 10 CFR 70.36 from its regulations that are adopted by reference in Section 7.2.6 B. Rhode Island needs to remove 10 CFR 70.36 from Section 7.2.6 B. so that it is adopted by reference. Rhode Island needs to make the above change in order to meet the Compatibility Category C designation assigned to 10 CFR 70.36.

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
47	7.2.6 B.	70.41	Part 70	С	Authorized use of special nuclear material
					Rhode Island omits incorporating 10 CFR 70.41 by reference and does not have equivalent language in its regulations. Rhode Island needs to remove 10 CFR 70.41 from Section 7.2.6 B. so that it is adopted by reference.
					Rhode Island needs to make the above change in order to meet the Compatibility Category C designation assigned to 10 CFR 70.41
48	12.2	Multiple	Part 71	Various	General Comment
					Rhode Island needs to add a paragraph D. to Section 12.2 that reads "Where the words "NRC", "Commission", "Nuclear Regulatory Commission", "United States Nuclear Regulatory Commission" or "Administrator of the appropriate Regional Office" appear in 10 CFR Part 71, substitute the words Agency except when used in 10 CFR 71.5 (b), 71.10, 71.17(c)(3), and (e), 71.85(c), 71.88(a)(4), 71.93(c), 71.95, 71.97(c), (c)(3)(iii), and (f). The terms "certificate of compliance, compliance holder or applicant" apply to the NRC as they are the sole authority for issuing a package Certificate of Compliance. Rhode Island form number (place appropriate number), "Notice to Employees", must be posted instead of NRC Form 3 that is specified in 10 CFR Part 71. Rhode Island needs to add a paragraph to reconcile differences in section 12 as it did in other sections

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
49	12.2 A. 12.6.2	71.19	Part 71	NRC	Previously approved package
	12.0.2				Rhode Island adopts by reference 10 CFR 71.19 in Sections 12.2 A. and 12.6.2. Rhode Island needs to delete Section 12.6.2 and add this to Section 12.2 C. so that it is not adopted by reference.
					Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 71.19.
50	12.2 C.	71.35	Part 71	NRC	Package evaluation
					Rhode Island incorrectly lists 10 CFR 71.36 as not being adopted by reference. This section does not exist and should be corrected to read 10 CFR 71.35. Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 71.35.
51	12.2 A. 12.2.C.	71.91(b)	Part 71	NRC	Records Rhode Island does not make reference to 10 CFR 71.91(b) in Section 12.2 C. therefore it is adopted by reference. Rhode Island needs to add 71.91(b) to Section 12.2 C. so that it is not adopted by reference. Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 71.91(b).

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
52	12.8.9	71.97	Part 71	В	Advance notification of shipment of irradiated reactor fuel and nuclear waste
					Rhode Island lists an incorrect reference in Section 12.8.9. Rhode Island needs to delete 10 CFR 71.95 and replace it with 10 CFR 71.97.
					Rhode Island needs to make the above change in order to meet the Compatibility Category B designation assigned 10 CFR 71.97.
53	12.2 A. 12.2.C.	71.101(c)(2), (d), and (e)	Part 71	NRC	Quality assurance requirements
		(4), 3.13 (5)			Rhode Island incorporates 10 CFR 71.101(c)(2), (d) and (e) by reference in Section 12.2 A. Rhode Island needs to add 10 CFR 71.101(c)(2), (d), and (e) to section 12.2 C. so that it is not adopted by reference.
					Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 71.101 (c)(2), (d), and (e).
54	12.2 A. 12.2.C.	71.107 71.109	Part 71	NRC	Multiple
	12.2.0.	71.109 71.111 71.113 71.115 71.117 71.119 71.121 71.123 71.125			10 CFR 71.107, 71.109, 71.111, 71.113, 71.115, 71.117, 71.119, 71.121, 71.123, and 71.125 are all Compatibility Category NRC and should not be adopted by reference. Rhode Island needs to add these regulations to Section 12.2 C.
					Rhode Island needs to make the above change in order to meet the Compatibility Category NRC designation assigned to 10 CFR 71.107, 71.109, 71.111, 71.113, 71.115, 71.117, 71.119, 71.71.121, 71.123, and 71.125.

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
55	N/A	150.3	Part 150	В	Definition: Offshore waters
					Rhode Island omits an equivalent definition to 10 CFR 150.3 Offshore Waters.
					Rhode Island needs to add this definition to its regulations in order to meet the Compatibility Category B designation assigned to 10 CFR 105.3 Definition: Offshore Waters.
56	N/A	150.11	Part 150	В	Critical Mass
					Rhode Island omits an equivalent to 10 CFR 150.11 from its regulations.
					Rhode Island either needs to adopt 10 CFR 150.11 by reference, or adopt equivalent language in its regulations in order to meet the Compatibility Category B designation assigned to 10 CFR 150.11.

EDITORIAL COMMENT

STATE SECTION:	COMMENT:
9.9.3	Rhode Island has incorrect codification in 9.9.3. The first
	section should start with the letter A. not C.

STATE REGULATION STATUS

State: Rhode Island Tracking Ticket Number: 18-27
Date: 4/12/2018

[1 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	Rhode Island 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	Rhode Island 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 10/16/1997	
1991-4	Notification of Incidents Parts 20, 30, 31, 34, 39, 40, and 70 56 FR 64980	10/15/1994	Final	No Comments 09/22/1999	
1992-1	Quality Management Program and Misadministrations Part 35 56 FR 34104 (Superceded by 2002-2)	01/27/1995	Final	No Comments 09/22/1999	Rhode Island has adopted Final Regulations equivalent to RATS ID: 2002-2.
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.

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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 03/27/2000	
1993-2	Licensing and Radiation Safety Requirements for Irradiators Part 36 58 FR 7715	07/01/1996	Not Applicable ¹	Not Applicable	Rhode Island does not have any licensees subject to these regulations. (See SECY-95-112)
1993-3	Definition of Land Disposal and Waste Site QA Program Part 61 58 FR 33886	07/22/1996	Not Applicable ¹	Not Applicable	Rhode Island 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	Rhode Island does not have authority to regulate this material under its Agreement.
1994-3	Timeliness in Decommissioning Material Facilities Parts 30, 40 and 70 59 FR 36026	08/15/1997	Final	No Comments 03/27/2000	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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 03/27/2000	
1995-2	Frequency of Medical Examinations for Use of Respiratory Protection Equipment Part 20 60 FR 7900	03/13/1998	Final	No Comments 03/27/2000	
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 03/27/2000	
1995-4	Performance Requirements for Radiography Equipment Part 34 60 FR 28323 (Superceded by 1997-5)	06/30/1998	Final	No Comments 03/27/2000	Rhode Island 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	Comments 03/27/2000	
1995-6	Clarification of Decommissioning Funding Requirements Parts 30, 40 and 70 60 FR 38235	11/24/1998	Final	No Comments 03/27/2000	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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	No Comments 03/27/2000	Rhode Island 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 ML042520322	Comments 10/25/2004 ML043010048	Rhode Island has not yet 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	No Comments 03/27/2000	
1997-1	Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act Part 20 61 FR 65120	01/9/2000	Final ML042520322	No Comments 10/25/2004 ML043010048	

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 ML073040203	No Comments 11/28/2007 ML073320009	
1997-3	Criteria for the Release of Individuals Administered Radioactive Material Parts 20 and 35 62 FR 4120	05/29/2000	Final	No Comments 03/27/2000	
1997-4	Fissile Material Shipments and Exemptions Part 71 62 FR 5907 (Superceded 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 and 150 62 FR 28947	06/27/2000	Final	No Comments 03/27/2000	
1997-6	Radiological Criteria for License Termination Parts 20, 30, 40 and 70 62 FR 39057	08/20/2000	Final ML093420277	No Comments 01/14/2010 ML093630121	
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 03/27/2000	

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 ML042520322	No Comments 10/25/2004 ML043010048	
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) Rhode Island 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	No Comments 03/27/2000	
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	No Comments 03/27/2000	
1998-6	Transfer for Disposal and Manifests: Minor Technical Conforming Amendment Part 20 63 FR 50127	11/20/2001	Final	No Comments 03/27/2000	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
1999-1	Radiological Criteria for License Termination of Uranium Recovery Facilities Part 40 64 FR 17506	06/11/2002	Not Applicable	Not Applicable	Rhode Island does not have the 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 ML042520322	No Comment 10/25/2004 ML043010048	
2000-1	Energy Compensation Sources for Well Logging and Other Regulatory Clarifications Part 39 65 FR 20337	05/17/2003	Final ML042520322	No Comment 10/25/2004 ML043010048	
2000-2	New Dosimetry Technology Parts 34, 36 and 39 65 FR 63750	01/08/2004	Final ML042520322	No Comment 10/25/2004 ML043010048	
2001-1	Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material Parts 30, 31 and 32 65 FR 79162	02/16/2004	Final ML062700535	Comments 10/27/2006 ML063030281	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
2002-1	Revision of the Skin Dose Limit Part 20 67 FR 16298	04/05/2005	Final ML042520322	No Comment 10/25/2004 ML043010048	
2002-2	Medical Use of Byproduct Material Parts 20, 32 and 35 67 FR 20249	10/24/2005	Final ML042520322	No Comment 10/25/2004 ML043010048	
2003-1	Financial Assurance for Materials Licensees Parts 30, 40 and 70 68 FR 57327	12/03/2006	Final ML062700535	No Comments 10/27/06 ML063030281	
2004-1	Compatibility With IAEA Transportation Safety Standards and Other Transportation Safety Amendments Part 71 69 FR 3697	10/01/2007	Final ML14126A173	Comments 07/03/2014 ML14113A571	
2005-1	Security Requirements for Portable Gauges Containing Byproduct Material Part 30 70 FR 2001	07/11/2008	Final ML062700535	No Comments 10/27/2006 ML063030281	
2005-2	Medical Use of Byproduct Material - Recognition of Specialty Boards Part 35 70 FR 16336; 71 FR 1926	04/29/2008	Final ML062350571	No Comments 09/01/2006 ML062490383	
2005-3	Increased Controls for Risk-Significant Radioactive Sources (NRC Order EA-05-090) 70 FR 72128	12/01/2005	License Condition ML052570551	No Comments 09/15/2005 ML052630170	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
2006-1	Minor Amendments Parts 20, 30, 32, 35, 40 and 70 71 FR 15005	03/27/2009	Final ML14126A173	Comments 07/03/2014 ML14113A571	
2006-2	National Source Tracking System - Serialization Requirements Part 32 with reference to Part 20 Appendix E 71 FR 65685	02/06/2007	Final ML14126A173	No Comments 07/03/2014 ML14113A571	
2006-3	National Source Tracking System Part 20 71 FR 65685, 72 FR 59162	01/31/2009	Final ML14126A173	No Comments 07/03/2014 ML14113A571	
			License Condition ML082840230	No Comments 10/21/2008 ML082880140	
2007-1	Medical Use of Byproduct Material - Minor Corrections and Clarifications Parts 32 and 35 72 FR 45147, 54207	10/29/2010	Final ML14126A173	Comments 07/03/2014 ML14113A571	
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 ML14126A173	Comments 07/03/2014 ML14113A571	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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 ML14126A173	Comments 07/03/2014 ML14113A571	
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 ML080800494	No Comments 04/09/2008 ML080990804	
2008-1	Occupational Dose Records, Labeling Containers, and Total Effective Dose Equivalent Parts 19 and 20 72 FR 68043	02/15/2011	Final ML14126A173	Comments 07/03/2014 ML14113A571	
2009-1	Medical Use of Byproduct Material – Authorized User Clarification Part 35 74 FR 33901	09/28/2012	Final ML14126A173	Comments 07/03/2014 ML14113A571	
2011-1	Decommissioning Planning Parts 20, 30, 40 and 70 76 FR 35512	12/17/2015	Final ML14126A173	No Comments 07/03/2014 ML14113A571	
2011-2	Licenses, Certifications, and Approvals for Materials Licensees Parts 30, 36, 39, 40, 70 and 150 76 FR 56951	11/14/2014	Final ML14126A173	Comments 07/03/2014 ML14113A571	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
2012-1	Change of Compatibility of Parts 31.5 and 31.6 (See RATS ID: 2001-1 for Rule text) 77 FR 3640	01/25/2015	Final ML14126A173	Comments 07/03/2014 ML14113A571	
2012-2	Advance Notification to Native American Tribes of Transportation of Certain Types of Nuclear Waste Part 71 77 FR 34194	08/10/2015	Final ML14126A173	Comments 07/03/2014 ML14113A571	
2012-3	Technical Corrections Part 30, 34, 40 and 71 77 FR 39899	08/06/2015	Final ML14126A173	Comments 07/03/2014 ML14113A571	
2012-4	Requirements for Distribution of Byproduct Material Parts 30, 31, 32, 40 and 70 77 FR 43666	10/23/2015	Final ML14126A173	Comments 07/03/2014 ML14113A571	
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 ML15301A131	No Comments 11/13/2015 ML15301A125	Part 37 only
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 *extended to 08/15/2020 See STC 17-060			
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			
*N/A	Parts 19, 20, 30, 31, 32, 33, 34, 35, 36, 39, 40, 70, 71 and 150	*see applicable RATS IDs	Proposed ML18054A337	Comments 4/12/2018 ML18054A313	Rhode Island submitted proposed regulations incorporating NRC regulations by reference.

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