

Technical Corrections – Parts 30, 34, 40, and 71
(77 FR 39899, Published July 6, 2012) RATS ID: 2012-3 Effective: August 6, 2012
Date Due for State Adoption August 6, 2015

Change to NRC Section	Title	State Section	Compatibility Category	Summary of Change to CFR	Difference Yes/No	Significant Yes/No	If Difference, Why or Why Not Was a Comment Generated
30.34(h)(1)(ii)	Terms and conditions of licenses	.0338	H&S	<p>In §30.34, paragraph (h)(1)(ii) was revised to remove the reference “11 U.S.C. 101(14)” and add, in its place, the reference “11 U.S.C. 101(15).”</p> <p>(ii) An entity (as that term is defined in 11 U.S.C. 101(15)) controlling the licensee or listing the license or licensee as property of the estate; or</p>			
34.20(a)(1)	Performance requirements for industrial radiography equipment	.0521	B	<p>In §34.20(a)(1), the address for the American National Standards Institute is updated as follows:</p> <p>(a)(1) * * * This publication may be purchased from the American National Standards Institute, Inc., 25 West 43rd Street, New York, New York 10036; Telephone: (212) 642–4900. * * *</p>			

Change to NRC Section	Title	State Section	Compatibility Category	Summary of Change to CFR	Difference Yes/No	Significant Yes/No	If Difference, Why or Why Not Was a Comment Generated
Part 40, Appendix A, section I, Criterion 4(d)	Criteria Relating to the Operation of Uranium Mills and the Disposition of Tailings for Wastes Produced by the Extraction or Concentration of Source material from ores processed primarily for their Source Material Content	NA (Note, .0117 is not being amended at this time. It incorporates App A to Part 40 by ref.) North Carolina has no licensees in this category	C for States with authority for Uranium Mills/tailings; D for States without authority	The eight paragraph of Criterion 4(d) is revised to read as follows: Criterion 4. * * * (d) *** Rock covering of slopes may be unnecessary where top covers are very thick (on the order of 10 m or greater); impoundment slopes are very gentle (on the order of 10 h:1v or less); bulk cover materials have inherently favorable erosion resistance characteristics; and, there is negligible drainage catchment area upstream of the pile and good wind protection as described in points (a) and (b) of this Criterion.			

Change to NRC Section	Title	State Section	Compatibility Category	Summary of Change to CFR	Difference Yes/No	Significant Yes/No	If Difference, Why or Why Not Was a Comment Generated
Part 40, Appendix A, section I, Criterion 8A	Criteria Relating to the Operation of Uranium Mills and the Disposition of Tailings for Wastes Produced by the Extraction or Concentration of Source material from ores processed primarily for their Source Material Content	NA (Note, .0117 is not being amended at this time. It incorporates App A to Part 40 by ref.) North Carolina has no licensees in this category	C for States with authority for Uranium Mills/Tailings; D for States without authority	The third sentence of Criterion 8A is revised to read as follows: Criterion 8A. * * * The appropriate NRC regional office as indicated in appendix D to 10 CFR part 20 of this chapter, or the Director, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, must be immediately notified of any failure in a tailings or waste retention system that results in a release of tailings or waste into unrestricted areas, or of any unusual conditions (conditions not contemplated in the design of the retention system) that if not corrected could indicate the potential or lead to failure of the system and result in a release of tailings or waste into unrestricted areas.			

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Part 71, Appendix A, Table A-1	Packaging and Transportation of Radioactive Material, A ₁ and A ₂ Values for Radionuclides	.0316 (Note: .0117 is not being amended at this time. It incorporates Table A-1 by ref.)	[B]	<p>In Table A-1, the entries for Bi-205, Cm-248, Eu-150 (long lived), and Te-132(a) and footnote b were revised to read as follows:</p> <p>See the table at the end of the document.</p>			

Table A-1—A₁ and A₂ VALUES FOR RADIONUCLIDES

Symbol of radionuclide	Element and atomic number	A ₁ (TBq)	A ₁ (Ci) ^b	A ₂ (TBq)	A ₂ (Ci) ^b	Specific activity	
						(TBq/g)	(Ci/g)
*	*	*	*	*	*	*	*
Bi-205	Bismuth (83)	7.0×10 ⁻¹	1.9×10 ¹	7.0×10 ⁻¹	1.9×10 ¹	1.5×10 ³	4.2×10 ⁴
*	*	*	*	*	*	*	*
Cm-248		2.0×10 ⁻²	5.4×10 ⁻¹	3.0×10 ⁻⁴	8.1×10 ⁻³	1.6×10 ⁻⁴	4.2×10 ⁻³
*	*	*	*	*	*	*	*
Eu-150 (long lived)		7.0×10 ⁻¹	1.9×10 ¹	7.0×10 ⁻¹	1.9×10 ¹	6.1×10 ⁴	1.6×10 ⁶
*	*	*	*	*	*	*	*
Te-132 (a)		5.0×10 ⁻¹	1.4×10 ¹	4.0×10 ⁻¹	1.1×10 ¹	1.1×10 ⁴	3.0×10 ⁵
*	*	*	*	*	*	*	*

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^b The values of A₁ and A₂ in Curies (Ci) are approximate and for information only; the regulatory standard units are Terabecquerels (TBq) (see Appendix A to part 71—Determination of A₁ and A₂, Section I).