

# UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

February 7, 2020

Kimberly Steves, Director Kansas Radiation Control Program Kansas Department of Health and Environment 1000 SW Jackson Suite 330 Topeka, KS 66612

Dear Ms. Steves:

We have reviewed the final revisions to the Kansas Administrative Regulations in Sections 28-35-135, 28-35-178, 28-35-179, 28-35-181, 28-35-192, and 28-35-197, received by our office on January 14, 2020. The regulations were reviewed by comparison to the equivalent NRC rules and the requirements of Regulation Amendment Tracking System Identification Numbers (RATS IDs) 2007-2, and 2007-3 as identified in the enclosed State Regulation Status (SRS) Data Sheet. We discussed our review of the regulations with James Uhlemeyer on February 5, 2020.

As a result of our review, we have five 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. 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 Kansas, in response to our comments, 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 Kansas 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: <a href="https://scp.nrc.gov/rulemaking.html">https://scp.nrc.gov/rulemaking.html</a>.

K. Steves -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 (301) 415-0275 (Michelle.Beardsley @nrc.gov).

Sincerely,

#### /RA L Cuadrado for/

Kevin Williams, Deputy Director Division of Materials Safety, Security, State, and Tribal Programs Office of Nuclear Material Safety and Safeguards

### **Enclosures:**

- 1. Compatibility Comments
- 2. Kansas SRS Data Sheet

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SUBJECT: 02/07/2020 LETTER TO K. STEVES RE: KANSAS REVISED FINAL REGULATIONS TO RATS IDS 2007-2, AND 2007-3

<u>DISTRIBUTION</u>: [SP08] DIR RF (20-15) JCook, RSAO Kansas File

OFFICE	SALPB	OGC	SALPB:BC	MSTR:DD
NAME	MBeardsley	NA	LCuadrado	KWilliams
	-			(LCuadradofor)
DATE	02/04/2020		02/07/2020	02/07/2020

OFFICIAL RECORD COPY ML20036D511 Package ML20017A243

## **COMPATIBILITY COMMENTS ON KANSAS REVISED FINAL REGULATIONS**

	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
1	28-35- 135c(v)	30.4	2007-3	С	Definition: Consortium
	1000(1)				Kansas' definition of "Consortium"
					omits the sentence, "The PET radionuclide production facility within
					the consortium must be located at an
					educational institution or a Federal
					facility, or a medical facility."
					Kansas needs to add the sentence
					indicated above to meet the
					Compatibility Category C designation assigned to 10 CFR 30.4 Definition of
					"Consortium."
2	28-35- 181m(h)	30.32(j)	2007-3	В	Application for specific licenses
	()				Kansas' equivalent regulations are
					not essentially identical to NRC regulations as follows:
					Kansas needs to insert their
					equivalent regulations to the references noted in 30.32(j),
					i.e., in section 181m(h)(2)
					Kansas' regulations state,
					"evidence that the applicant
					is qualified to produce radioactive drugs for medical
					use by meeting the
					requirements of this
					regulation"; Kansas needs to
					insert their equivalent regulation to 32.72(a)(2);
					and
					2) In section 181m(h)(3), Kansas' regulations state, "and
					documentation that each
					individual meets the
					requirements of an authorized
					nuclear pharmacist;"; Kansas
					needs to add that they meet the requirements of an
					authorized nuclear pharmacist
					as stated in [Kansas

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					equivalent regulation to 32.72(b)(2)].  Kansas needs to make the changes indicated above to meet the Compatibility Category B designation assigned to 10 CFR 30.32(j).
3	28-35-181m	30.34(j)	2007-3	B	Kansas' equivalent regulations are not essentially identical to 10 CFR 30.34(j) as follows:  1) Kansas omits an equivalent provision to 30.34(j)(2)(i) [we note that this regulation is under NRC review at this time];  2) In their equivalent regulations to 30.34(j)(2)(ii), Kansas needs to insert an equivalent provision to the requirement stating, "Possess and use instrumentation to measure the radioactivity of the PET radioactive drugs intended for noncommercial distribution to members of its consortium and meet the procedural, radioactivity measurement, instrument test, instrument check, and instrument adjustment requirements in § 32.72(c) of this chapter."  3) Kansas' equivalent provision to 30.34(j)(3) is not essentially identical, it should read,  "A licensee that is a pharmacy authorized under § 30.32(j) to produce PET radioactive drugs for noncommercial transfer to medical use licensees in its consortium shall require that any individual that prepares PET radioactive drugs shall be:(i)

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
314	IL SECTION	NICO SECTION	RATO ID	CATEGORI	an authorized nuclear pharmacist that meets the requirements in § 32.72(b)(2) of this chapter, or(ii) an individual under the supervision of an authorized nuclear pharmacist as specified in § 35.27 of this chapter."  Kansas needs to make the changes indicated above to meet the Compatibility Category B designation assigned to 10 CFR 30.34(j).
4	28-35-178i	31.12	2007-3	С	General license for certain items and self-luminous products containing radium-226  Kansas' equivalent regulations do not meet the essential objectives of 10 CFR 31.12 as follows:  1) Kansas omits the sentence, "For the purposes of this paragraph, "small radium sources" means discrete survey instrument check sources, sources contained in radiation measuring instruments, sources used in educational demonstrations (such as cloud chambers and spinthariscopes), electron tubes, lightning rods, ionization sources, static eliminators, or as designated by the NRC" from their equivalent provision to 31.12(a)(5);  2) Kansas omits an equivalent provision to 31.12(b);  3) Kansas omits the phrase, "equivalent NRC regulations." from their equivalent provision to 31.12(c)(4).

STA	TE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
					Kansas needs to make the changes indicated above to meet the Compatibility Category C designation assigned to 10 CFR 31.12.
5	28-35-181m	32.72(b)(5)(iv)	2007-3	В	Manufacture, preparation, or transfer for commercial distribution of radioactive drugs, containing byproduct material for certain in vitro clinical or laboratory testing under general license
					Kansas deleted their equivalent provision to 32.72(b)(5)(vi) which states, "(vi) A copy of the State pharmacy licensure or registration, no later than 30 days after the date that the licensee allows, under paragraphs (b)(2)(i) and (b)(2)(iii) of this section, the individual to work as an authorized nuclear pharmacist."  Kansas needs to restore the provision indicated above to meet the Compatibility Category B designation assigned to 10 CFR 32.72(b)(5)(vi).

## **STATE REGULATION STATUS**

State: Kansas Tracking Ticket Number: 20-15
Date: 02/07/2020

[ # 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	Final ML060940369	No Comments 05/18/2006 ML061370535	Kansas 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	Final ML060940369	No Comments 05/18/2006 ML061370535	Kansas 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 12/30/1997	
1991-4	Notification of Incidents Parts 20, 30, 31, 34, 39, 40 and 70 56 FR 64980;	10/15/1994	Final ML060940369	No Comments 05/18/2006 ML061370535	
1992-1	Quality Management Program and Misadministrations Part 35 56 FR 34104 (Superceded by 2002-2)	01/27/1995	Not Required	Not Required	Kansas 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 01/03/1997	
1993-2	Licensing and Radiation Safety Requirements for Irradiators Part 36 58 FR 7715	07/01/1996	Final ML060940369	No Comments 05/18/2006 ML061370535	
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	Kansas 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	Kansas 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 ML060940369	No Comments 05/18/2006 ML061370535	
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 ML060940369	No Comments 05/18/2006 ML061370535	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
1995-2	Frequency of Medical Examinations for Use of Respiratory Protection Equipment Part 20 60 FR 7900	03/13/1998	Final ML060940369	No Comments 05/18/2006 ML061370535	
1995-3	Low-Level Waste Shipment Manifest Information and Reporting Parts 20 and 61 60 FR 15649; 60 FR 25983	03/01/1998	Final ML060940369	No Comments 05/18/2006 ML061370535	
1995-4	Performance Requirements for Radiography Equipment Part 34 60 FR 28323 (Superceded by 1997-5)	06/30/1998	Final ML060940369	No Comments 05/18/2006 ML061370535	Kansas 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 ML060940369	No Comments 05/18/2006 ML061370535	
1995-6	Clarification of Decommissioning Funding Requirements Parts 30, 40 and 70 60 FR 38235	11/24/1998	Final ML060940369	No Comments 05/18/2006 ML061370535	
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 ML060940369	No Comments 05/18/2006 ML061370535	Kansas has adopted Final Regulations equivalent to RATS IDs: 2002-2 and 2005-2.

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
1996-1	Compatibility with the International Atomic Energy Agency Part 71 60 FR 50248; 61 FR 28724 (Superceded by 2004-1)	04/01/1999	Not Required	Not Required	Kansas 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 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 ML060940369	No Comments 05/18/2006 ML061370535	
1997-1	Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act Part 20 61 FR 65120	01/9/2000	Final ML060940369	No Comments 05/18/2006 ML061370535	
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 ML060940369	No Comments 05/18/2006 ML061370535	
1997-3	Criteria for the Release of Individuals Administered Radioactive Material Parts 20 and 35 62 FR 4120	05/29/2000	Final ML060940369	No Comments 05/18/2006 ML061370535	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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) Kansas has adopted Final Regulations equivalent to RATS ID: 2004-1.
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 ML060940369	No Comments 05/18/2006 ML061370535	
1997-6	Radiological Criteria for License Termination Parts 20, 30, 40 and 70 62 FR 39057	08/20/2000	Final ML072010244	No Comments 08/30/2007 ML072390354	
1997-7	Exempt Distribution of a Radioactive Drug Containing One Microcurie of Carbon-14 Urea Part 30 62 FR 63634	01/02/2001	Final ML060940369	No Comments 05/18/2006 ML061370535	
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 ML060940369	No Comments 05/18/2006 ML061370535	
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.

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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) Kansas has adopted Final Regulations equivalent to RATS ID: 1997-5.
1998-4	Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations Part 34 63 FR 37059	07/09/2001	Final ML060940369	No Comments 05/18/2006 ML061370535	
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 ML060940369	No Comments 05/18/2006 ML061370535	
1998-6	Transfer for Disposal and Manifests: Minor Technical Conforming Amendment Part 20 63 FR 50127	11/20/2001	Final ML060940369	No Comments 05/18/2006 ML061370535	
1999-1	Radiological Criteria for License Termination of Uranium Recovery Facilities Part 40 64 FR 17506	06/11/2002	Not Applicable	Not Applicable	Kansas 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.

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	License Condition ML052510063	No Comments 09/22/2005 ML052660291	
2000-1	Energy Compensation Sources for Well Logging and Other Regulatory Clarifications Part 39 65 FR 20337	05/17/2003	Final ML072010244	No Comments 08/30/2007 ML072390354	
2000-2	New Dosimetry Technology Parts 34, 36 and 39 65 FR 63750	01/08/2004	Final ML060940369	No Comments 05/18/2006 ML061370535	
2001-1	Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material Parts 30, 31 and 32 65 FR 79162	02/16/2004	Final ML14164A208	No Comments 07/29/2014 ML14162A452	
2002-1	Revision of the Skin Dose Limit Part 20 67 FR 16298	04/05/2005	Final ML060940369	No Comments 05/18/2006 ML061370535	
2002-2	Medical Use of Byproduct Material Parts 20, 32 and 35 67 FR 20249	10/24/2005	Final ML070851184	No Comments 04/23/2007 ML071140120	
2003-1	Financial Assurance for Materials Licensees Parts 30, 40 and 70 68 FR 57327	12/03/2006	Final ML060940369	No Comments 05/18/2006 ML061370535	
2004-1	Compatibility With IAEA Transportation Safety Standards and Other Transportation Safety Amendments Part 71 69 FR 3697	10/01/2007	Final ML060940369	No Comments 05/18/2006 ML061370535	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
2005-1	Security Requirements for Portable Gauges Containing Byproduct Material Part 30 70 FR 2001	07/11/2008	Final ML072010244	No Comments 08/30/2007 ML072390358	
2005-2	Medical Use of Byproduct Material - Recognition of Specialty Boards Part 35 70 FR 16336; 71 FR 1926	04/29/2008	Final ML060940369	No Comments 05/18/2006 ML061370535	
2005-3	Increased Controls for Risk-Significant Radioactive Sources (NRC Order EA-05-090) 70 FR 72128	12/01/2005	License Condition ML052650212	No Comments 09/27/2005 ML052650327	
2006-1	Minor Amendments Parts 20, 30, 32, 35, 40 and 70 71 FR 15005	03/27/2009	Final ML111470461	No Comments 06/14/2011 ML111390397	
2006-2	National Source Tracking System - Serialization Requirements Part 32 with reference to Part 20 Appendix E 71 FR 65685	02/06/2007	Final ML072010244	No Comments 08/30/2007 ML072390354	
2006-3	National Source Tracking System Part 20 71 FR 65685, 72 FR 59162	01/31/2009	Final ML072820581	No Comments 10/30/2007 ML073040008	
2007-1	Medical Use of Byproduct Material - Minor Corrections and Clarifications Parts 32 and 35 72 FR 45147, 54207	10/29/2010	Final ML111470461	No Comments 06/14/2011 ML111390397	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
*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 ML111470461	Comments 06/14/2011 ML111390397	
			Revised Final ML20017A246	No Comments 02/07/2020 ML20017A243	
*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 & License Condition ML111470461	Comments 06/14/2011 ML111390397	
			Revised Final ML20017A246	Comments 02/07/2020 ML20017A243	
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 ML081270294	No Comments 05/14/2008 ML081350450	
2008-1	Occupational Dose Records, Labeling Containers, and Total Effective Dose Equivalent Parts 19 and 20 72 FR 68043	02/15/2011	Final ML111470461	No Comments 06/14/2011 ML111390397	
2009-1	Medical Use of Byproduct Material – Authorized User Clarification Part 35 74 FR 33901	09/28/2012	Final ML111470461	No Comments 06/14/2011 ML111390397	
2011-1	Decommissioning Planning Parts 20, 30, 40 and 70 76 FR 35512	12/17/2015	Final ML17244A482	No Comments 11/13/2017 ML17244A478	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
2011-2	Licenses, Certifications, and Approvals for Materials Licensees Parts 30, 36, 39, 40, 70 and 150 76 FR 56951	11/14/2014	Final ML17244A482	No Comments 11/13/2017 ML17244A478	
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 ML14164A208	No Comments 07/29/2014 ML14162A452	
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 ML17244A482 Revised Final ML18162A266	Comments 11/13/2017 ML17244A478 Comments 07/31/2018	
2012-3	Technical Corrections Parts 30, 34, 40 and 71 77 FR 39899	08/06/2015	Final ML17244A482	ML18162A252  Comments 11/13/2017 ML17244A478	
			Revised Final ML18162A266	Comments 07/31/2018 ML18162A252	
2012-4	Requirements for Distribution of Byproduct Material Parts 30, 31, 32, 40 and 70 77 FR 43666	10/23/2015	Final ML17244A482	Comments 11/13/2017 ML17244A478	
			Revised Final ML18162A266	Comments 07/31/2018 ML18162A252	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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 ML15324A433	Comments 12/16/2015 ML15324A430	
			Proposed License Condition ML16021A424	Comments 02/22/2016 ML16021A394	Part 37 only
			Final ML17244A482	Comments 11/13/2017 ML17244A478	
			Revised Final ML18162A266	No Comments 07/31/2018 ML18162A252	
2013-2	Distribution of Source Material to Exempt Persons and to General Licensees and Revision of General License and Exemptions	08/27/2016	Final ML17244A482	Comments 11/13/2017 ML17244A478	
	Parts 30, 40 and 70 78 FR 32310		Revised Final No Comments ML18162A266 07/31/2018 ML18162A252		
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			

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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			
2018-1	Medical Use of Byproduct Material – Medical Event Definitions, Training and Experience, and Clarifying Amendments Parts 30, 32 and 35	01/14/2022			
2018-2	Miscellaneous Corrections – Organizational Changes Parts 37, 40. 70 and 71	12/21/2021			
2018-3	Miscellaneous Corrections Parts 1, 2, 34, 37, 50, 71, 73, and 140	07/30/2022			
2019-1	Miscellaneous Corrections Parts 2, 21, 37, 50, 52, 73, and 110	12/18/2022			

RATS ID	NRC Chronology Identification		Outgoing Package	Notes
2019-2	Organizational Changes and Conforming Amendments Parts 1, 2, 37, 40, 50, 51, 52, 55, 71, 72, 73, 74, 100, 140, and 150	12/30/2022		

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