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

April 23, 2015

Mr. Bernard Bevill, Chief
Radiation Control Section
Arkansas Department of Health
4815 West Markham Street, Slot 30
Little Rock, Arkansas 72205

Dear Mr. Bevill:

We have reviewed the proposed revisions to the Arkansas State Board of Health's Rules and Regulations for Control of Sources of Ionizing Radiation, received by our office on March 13, 2015. These regulations were reviewed by comparison to the equivalent U.S. Nuclear Regulatory Commission (NRC) rules and the requirements of the three amendments identified in the enclosed State Regulation Status (SRS) Data Sheet. We discussed our review of the regulations with Angela Minden on April 22, 2015.

As a result of our review, we have one comment that has 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 Arkansas 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 Arkansas regulations. However, we have determined that if your proposed regulations were adopted, incorporating our comment 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 Material Safety, State, Tribal, and Rulemaking Programs, NMSS.

The SRS Data Sheet summarizes our knowledge of the status of other Arkansas 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 Web site: http://nrc-stp.ornl.gov/rulemaking.html.

Additionally, please note that NRC has previously issued certain security Orders to one Arkansas licensee. We have not listed the name of the licensee in this letter because that information is Official Use Only and cannot be made publicly available. Because the NRC-issued Orders are still legally binding; they must be rescinded by NRC concurrent with Arkansas' promulgation of final regulations. Accordingly, close coordination is needed between the NRC and your office to ensure there are no conflicts, duplications, or gaps regarding the security-related requirements for these licensees. Please contact Adelaide Giantelli, Branch Chief, Source Management, and Protection Branch, NMSS (Adelaide.Giantelli@nrc.gov) for information regarding the affected State licensees and for coordination with rescission of the NRC-issued Orders for this licensee after Arkansas' promulgation and NRC's review of the final Arkansas regulations.

If you have any questions regarding the review, 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 (610) 337-6942 (Michelle.Beardsley@nrc.gov) or Randy Erickson at (817) 200-1143 (Randy.Erickson@nrc.gov).

Sincerely,

/RA/
CEinberg for PHenderson

Pamela J. Henderson, Deputy Director
Division of Material Safety, State, Tribal,
and Rulemaking Programs
Office of Nuclear Material Safety
and Safeguards

Enclosures:
1. Compatibility comments
2. Arkansas SRS Data Sheet

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Sincerely,

Pamela J. Henderson, Deputy Director
Division of Material Safety, State, Tribal,
and Rulemaking Programs
Office of Nuclear Material Safety
and Safeguards

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ISTRIBUTION: SP 08
DIR RF 15-21
R. Erickson, RSO
Arkansas File

OFFICE	RIV	ASPB	OGC	ASPB:BC	MSTR:DD
NAME	MBeardsley for RErickson	MBeardsley	MCarpenter	CEinberg]	PHenderson
DATE	4/21/15	4/21/15	4/21/15	4/23/15	4/23/15

ML15083A468 **OFFICIAL RECORD COPY** **Package ML15078A086**

COMPATIBILITY COMMENTS ON ARKANSAS PROPOSED REGULATIONS

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
1	RH-200 and RH-1100	70.4 20.1003	N/A	A	**Terms and conditions of licenses** Arkansas' regulation states, "*Special nuclear material* means (1) plutonium, uranium 233, uranium enriched in the isotope 233 or in the isotope 235, and any other material which the *Department*, pursuant to the provisions of section 51 of the act, determines to be special nuclear material…". Arkansas has changed the word "Commission" to "Department". As the State cannot determine what is considered special nuclear material under the AEA, Arkansas needs to retain the reference to the NRC. Arkansas needs to make the above change in order to meet the Compatibility Category A designation assigned to 10 CFR Parts 70.4 and 20.1003.

State: Arkansas

Tracking Ticket Number: 15-21
Date: 04/23/2015

[4 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 ML031270002	No Comments 04/30/2003 ML031220523	Arkansas 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 ML031270002	No Comments 04/30/2003 ML031220523	Arkansas 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 ML031270002	No Comments 04/30/2003 ML031220523	
1991-4	Notification of Incidents Parts 20, 30, 31, 34, 39, 40, 70 56 FR 64980	10/15/1994	Final ML031270002	No Comments 04/30/2003 ML031220523	
1992-1	Quality Management Program and Misadministration Part 35 56 FR 34104 **(Superceded by 2002-2)**	01/27/1995	Final ML031270002	No Comments 04/30/2003 ML031220523	Arkansas has 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 regulations 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, 40 58 FR 39628	10/25/1996	Final ML031270002	No Comments 04/30/2003 ML031220523	
1993-2	Licensing and Radiation Safety Requirements for Irradiators Part 36 58 FR 7715	07/01/1996	Final ML093090272	No Comments 12/02/2009 ML093230551	
1993-3	Definition of Land Disposal and Waste Site QA Program Part 61 58 FR 33886	07/22/1996	Final ML031270002	No Comments 04/30/2003 ML031220523	
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 regulations 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	Arkansas does not have the authority to regulate this material under its Agreement.
1994-3	Timeliness in Decommissioning Material Facilities Parts 30, 40, 70 59 FR 36026	08/15/1997	Final ML031270002	No Comments 04/30/2003 ML031220523	
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 ML112420011	No Comments 10/24/2011 ML112760170	

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1995-2	Frequency of Medical Examinations for Use of Respiratory Protection Equipment Part 20 60 FR 7900	03/13/1998	Final ML031270002	No Comments 04/30/2003 ML031220523	
1995-3	Low-Level Waste Shipment Manifest Information and Reporting Parts 20, 61 60 FR 15649; 60 FR 25983	03/01/1998	Final ML12325A664	No Comments 12/19/2012 ML12338A286	
1995-4	Performance Requirements for Radiography Equipment Part 34 60 FR 28323 **(Superceded by 1997-5)**	06/30/1998	Final ML031270002	No Comments 04/30/2003 ML031220523	
1995-5	Radiation Protection Requirements: Amended Definitions and Criteria Parts 19, 20 60 FR 36038	08/14/1998	Final ML112420011	No Comments 10/24/2011 ML112760170	
1995-6	Clarification of Decommissioning Funding Requirements Parts 30, 40, 70 60 FR 38235	11/24/1998	Final ML031270002	No Comments 04/30/2003 ML031220523	
1995-7	Medical Administration of Radiation and Radioactive Materials Parts 20, 35 60 FR 48623 **(Superceded by 2002-2 and 2005-2)**	10/20/1998	Final ML031270002	No Comments 04/30/2003 ML031220523	
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 ML031270002	Comments 04/30/2003 ML031220523	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
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 ML031270002	No Comments 04/30/2003 ML031220523	
1997-1	Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act Part 20 61 FR 65120	01/9/2000	Final ML031270002	No Comments 04/30/2003 ML031220523	
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 ML031270002	No Comments 04/30/2003 ML031220523	
1997-3	Criteria for the Release of Individuals Administered Radioactive Material Parts 20, 35 62 FR 4120	05/29/2000	Final ML031270002	No Comments 04/30/2003 ML031220523	
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, 150 62 FR 28947	06/27/2000	Final ML031270002	No Comments 04/30/2003 ML031220523	

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1997-6	Radiological Criteria for License Termination Parts 20, 30, 40, 70 62 FR 39057	08/20/2000	Final ML031270002	No Comments 04/30/2003 ML031220523	
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 ML031270002	No Comments 04/30/2003 ML031220523	
1998-1	Deliberate Misconduct by Unlicensed Persons Parts 30, 40, 61, 70, 71, 150 63 FR 1890; 63 FR 13773	02/12/2001	Final ML031270002	No Comments 04/30/2003 ML031220523	
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 **(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)
1998-4	Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations Part 34 63 FR 37059	07/09/2001	Final ML063520501	No Comments 01/23/2007 ML070240401	
1998-5	Minor Corrections, Clarifying Changes, and a Minor Policy Change Parts 20, 32, 35, 36, 40 63 FR 39477; 63 FR 45393	10/26/2001	Final ML112420011	No Comments 10/24/2011 ML112760170	

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1998-6	Transfer for Disposal and Manifests: Minor Technical Conforming Amendment Part 20 63 FR 50127	11/20/2001	Final ML12325A664	No Comments 12/19/2012 ML12338A286	
1999-1	Radiological Criteria for License Termination of Uranium Recovery Facilities Part 40 64 FR 17506	06/11/2002	Not Applicable	Not Applicable	Arkansas 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 ML063520501	No Comments 01/23/2007 ML070240401	
2000-1	Energy Compensation Sources for Well Logging and Other Regulatory Clarifications Part 39 65 FR 20337	05/17/2003	Final ML063520501	No Comments 01/23/2007 ML070240401	
2000-2	New Dosimetry Technology Parts 34, 36, 39 65 FR 63750	01/08/2004	Final ML063520501	No Comments 01/23/2007 ML070240401	
2001-1	Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material Parts 30, 31, 32 65 FR 79162	02/16/2004	Final ML12268A064	No Comments 10/25/2012 ML12270A287	

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 ML063520501	No Comments 01/23/2007 ML070240401	
2002-2	Medical Use of Byproduct Material Parts 20, 32, 35 67 FR 20249	10/24/2005	Final ML063520501	No Comments 01/23/2007 ML070240401	
2003-1	Financial Assurance for Materials Licensees Parts 30, 40, 70 68 FR 57327	12/03/2006	Final ML063520501	No Comments 01/23/2007 ML070240401	
2004-1	Compatibility With IAEA Transportation Safety Standards and Other Transportation Safety Amendments Part 71 69 FR 3697	10/01/2007	Final ML12268A064	No Comments 10/25/2012 ML12270A287	
2005-1	Security Requirements for Portable Gauges Containing Byproduct Material Part 30 70 FR 2001	07/11/2008	Final ML063520501	No Comments 01/23/2007 ML070240401	
2005-2	Medical Use of Byproduct Material - Recognition of Specialty Boards Part 35 70 FR 16336; 71 FR 1926	04/29/2008	Final ML12268A064	No Comments 10/25/2012 ML12270A287	
2005-3	Increased Controls for Risk-Significant Radioactive Sources (NRC Order EA-05-090) 70 FR 72128	12/01/2005	License Condition ML052510171	No Comments 09/09/2005 ML052520313	
2006-1	Minor Amendments Parts 20, 30, 32, 35, 40 and 70 71 FR 15005	03/27/2009	Final ML12268A064	No Comments 10/25/2012 ML12270A287	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
2006-2	National Source Tracking System - Serialization Requirements Part 32 with reference to Part 20 Appendix E 71 FR 65685	02/06/2007	Not Applicable	Not Applicable	Arkansas does not have any licensees subject to these regulations. (See SECY-95-112)
2006-3	National Source Tracking System Part 20 71 FR 65685, 72 FR 59162	01/31/2009	Final ML12268A064 License Condition ML090060786	No Comments 10/25/2012 ML12270A287 No Comment 01/22/2009 ML090120596	
2007-1	Medical Use of Byproduct Material - Minor Corrections and Clarifications Parts 32 and 35 72 FR 45147, 54207	10/29/2010	Final ML12268A064	No Comments 10/25/2012 ML12270A287	
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	Final ML12268A064	No Comments 10/25/2012 ML12270A287	
2007-3	Requirements for Expanded Definition of Byproduct Material Parts 20, 30, 31, 32, 33, 35, 61, 150 72 FR 55864	11/30/2010	Final ML12268A064	No Comments 10/25/2012 ML12270A287	
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 ML080240020	No Comments 03/03/2008 ML080630031	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
2008-1	Occupational Dose Records, Labeling Containers, and Total Effective Dose Equivalent Parts 19, 20 72 FR 68043	02/15/2011	Final ML12268A064	No Comments 10/25/2012 ML12270A287	
2009-1	Medical Use of Byproduct Material – Authorized User Clarification Part 35 74 FR 33901	09/28/2012	Final ML12268A064	No Comments 10/25/2012 ML12270A287	
2011-1	Decommissioning Planning Parts 20, 30, 40, 70 76 FR 35512	12/17/2015	Proposed ML14259A542	No Comments 12/03/2014 ML14258B162	
2011-2	Licenses, Certifications, and Approvals for Materials Licensees Parts 30, 36, 39, 40, 70, and 150 76 FR 56951	11/14/2014	Proposed ML14071A126 Final ML14337A022	No Comments 04/30/2014 ML14071A12 No Comments 01/12/2015 ML14337A022	
2012-1	Change of Compatibility of 10 CFR 31.5 and 31.6 (See RATS ID: 2001-1 for Rule text) 77 FR 3640	01/25/2015	Final ML12268A064	No Comments 10/25/2012 ML12270A287	
2012-2	Advance Notification to Native American Tribes of Transportation of Certain Types of Nuclear Waste Part 71 77 FR 34194	08/10/2015	Proposed ML14259A542	No Comments 12/03/2014 ML14258B162	
2012-3	Technical Corrections Part 30, 34, 40 and 71 77 FR 39899	08/06/2015	Proposed ML14259A542	No Comments 12/03/2014 ML14258B162	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
2012-4	Requirements for Distribution of Byproduct Material Parts 30, 31, 32, 40 and 70 77 FR 43666	10/23/2015	Proposed ML14259A542	No Comments 12/03/2014 ML14258B162	
*2013-1	Physical Protection of Byproduct Material, 10 CFR Parts 20, 30, 32, 33, 34, 35, 36, 37, 39, and 71 78 FR 16922	03/19/2016	Proposed ML15078A088	No Comments 04/23/2015 ML15078A086	
*2013-2	Distribution of Source Material to Exempt Persons and to General Licensees and Revision of General License and Exemptions, 10 CFR Parts 30, 40, and 70 78 FR 32310	08/27/2016	Proposed ML15078A088	No Comments 04/23/2015 ML15078A086	
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	Proposed ML15078A088	No Comments 04/23/20115 ML15078A086	
N/A	10 CFR 19.13, 20.1502, 20.1904, 20.1905, 20.2203, 31.3, 34.25, 35.60, 35.63, 35.2060 and 70.20	N/A	Final ML12268A064	No Comments 10/25/2012 ML12270A287	

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*N/A	10 CFR 20.1003, 20.1701, 20.1703(b), 20.1902, 20.2001, 20.2008, 34.3, 34.53 and 35.2	N/A	Proposed ML14071A126 Final ML14337A022 Revised Final ML15078A088	No Comments 04/30/2014 ML14071A120 Comments 01/12/2015 ML14337A022 Comment 04/23/2015 ML15078A086	 Comment was regarding 20.1003 and 70.4
N/A	10 CFR 30.13, 31.12, 36.23, and Part 30 Schedule A and B	N/A	Proposed ML14259A542	Comments 12/03/2014 ML14258B162	