

October 25, 2012

Bernard Bevill, Section 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 final "as published" revisions to the Arkansas regulations, Rules and Regulations for Control of Sources of Ionizing Radiation, received by our office on September 24, 2012. These regulations were reviewed by comparison to the equivalent Nuclear Regulatory Commission (NRC) rules in 10 CFR Parts 19, 20, 30, 31, 32, 33, 35, 40, 61, 70, 71, 150, and the requirements of the twelve amendments identified in the enclosed State Regulation Status (SRS) Data Sheet. We discussed our review of the regulations with Angela Minden on October 23, 2012.

As a result of our review, we have no comments. Please note that we have limited our review to regulations required for compatibility and/or health and safety. We have determined that the regulations, as adopted, meet the compatibility and health and safety categories established in the Office of Federal and State Materials and Environmental Management Programs (FSME) Procedure SA-200.

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 FSME website: <http://nrc-stp.ornl.gov/rulemaking.html>.

If you have any questions regarding the comments, the compatibility and health and safety categories, or any of the NRC regulations used in the review, please contact Kathleen Schneider, State Regulation Review Coordinator, at (301) 415-2320 (kathleen.schneider@nrc.gov) or Torre Taylor, at (301) 415-7900 (torre.taylor@nrc.gov).

Sincerely,

/RA K.N. Schneider for/

Pamela J. Henderson, Deputy Director
Division of Materials Safety and State Agreements
Office of Federal and State Materials and
Environmental Management Programs

Enclosure:
Arkansas SRS Data Sheet

[Concurrence Page]

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Incoming Document: ML12268A064

| OFFICE | ASPB | ASPB | OGC | ASPB:BC | MSSA:DD |
|---------------|----------|------------|----------|------------|----------------|
| NAME | TTaylor | KSchneider | BJones | DWhite/kns | PHenderson/kns |
| DATE | 10/05/12 | 10/05/12 | 10/22/12 | 10/25/12 | 10/25/12 |

ML12278A105

OFFICIAL RECORD COPY

Package ML12270A287

State: Arkansas

STATE REGULATION STATUS

Tracking Ticket Number: 12-27
Date: October 25, 2012

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

| RATS ID | NRC Chronology Identification | Date Due for State Adoption | Incoming Package | Outgoing Package | Notes |
|---------|---|-----------------------------|-------------------|------------------------------------|---|
| 1991-1 | Safety Requirements for Radiographic Equipment Part 34 55 FR 843 (★ Superseded 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 (★ Superseded 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 Misadministrations Part 35 56 FR 34104 (★ Superseded 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. |

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|----------------|---|------------------------------------|-------------------------|--|---|
| 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 | Changes to Part 35 have been superseded by RATS ID 2002-2 |
| 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 | |

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|---------|--|-----------------------------|-------------------------------|--|--|
| 1995-3 | Low-Level Waste Shipment Manifest Information and Reporting Parts 20, 61 60 FR 15649; 60 FR 25983 | 03/01/1998 | R ¹ ML120400022 | No Comments 03/14/2012 ML120600572 | |
| 1995-4 | Performance Requirements for Radiography Equipment Part 34 60 FR 28323 (Superseded 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 (Superseded by 2002-2 and 2005-2) | 10/20/1998 | Final ML031270002 | No Comments 04/30/2003 ML031220523 | Arkansas has not yet adopted regulations equivalent to RATS ID 2005-2. |
| 1996-1 | Compatibility with the International Atomic Energy Agency Part 71 60 FR 50248; 61 FR 28724 (Superseded by 2004-1) | 04/01/1999 | Final ML031270002 | Comments 04/30/2003 ML031220523 | Arkansas has not yet adopted regulations equivalent to RATS ID 2004-1. |
| 1996-2 | One Time Extension of Certain Byproduct, Source and Special Nuclear Materials Licenses Parts 30, 40, 70 61 FR 1109 | 02/15/1999 | Not Required | Not Required | These regulation changes are not required to be adopted for purposes of Compatibility. |

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|---------|---|-----------------------------|-------------------|------------------------------------|---|
| 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 (Superseded 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 | |
| 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 | 01/02/2001 | Final ML031270002 | No Comments 04/30/2003 ML031220523 | |

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|---------|--|-----------------------------|-------------------------------|--|---|
| | 62 FR 63634 | | | | |
| 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 (Superseded 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) Arkansas 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 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 | |
| 1998-6 | Transfer for Disposal and Manifests: Minor Technical Conforming Amendment Part 20 63 FR 50127 | 11/20/2001 | R ¹ ML120400022 | No Comments 03/14/2012 ML120600572 | |
| 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 | 10/04/2002 | Not Required | Not Required | These regulation changes are not |

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| | Industrial Devices Containing Byproduct Material to Provide Requested Information Part 31 64 FR 42269 | | | | 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 | |
| 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 | 10/01/2007 | Final ML12268A064 | No Comments 10/25/2012 ML12270A287 | |

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|----------------|---|------------------------------------|---|--|--|
| | 69 FR 3697 | | | | |
| 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 | |
| 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 Comments 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 | |

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|----------------|--|------------------------------------|-------------------------------------|--|--------------|
| *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 | |
| *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 | | | |
| 2011-2 | Licenses, Certifications, and Approvals for Materials Licensees Parts 30, 36, 39, 40, 70, and 150 76 FR 56951 | 11/14/2014 | | | |

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|----------------|--|------------------------------------|-------------------------|--|--------------|
| *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 | | | |
| 2012-3 | Technical Corrections Part 30, 34, 40 and 70 77 FR 39899 | 08/06/2015 | | | |
| 2012-4 | Requirements for Distribution of Byproduct Material Parts 30, 31, 32, 40 and 70 77 FR 43666 | 10/23/2015 | | | |
| *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 | |

R¹ means proposed revisions to a final rule