

October 31, 2005

Mike Broderick, Environmental Programs Manager  
Radiation Management Section  
Land Protection Division  
Oklahoma Department of Environmental Quality  
707 North Robinson-P.O. Box 1677  
Oklahoma City, Oklahoma 73101-1677

Dear Mr. Broderick:

We have reviewed the final revision to the Oklahoma Radiation Management Rules, Oklahoma Administrative Code (OAC) 252:410, 2005 Edition, effective June 15, 2005, received by our office on September 20, 2005. These regulations were reviewed by comparison to the equivalent Nuclear Regulatory Commission (NRC) rules in 10 CFR Parts 20, 30, 31, 32, 34, 35, 36, 39, 40, 61, 70, 71, 150 and the requirements of the 12 amendments identified in the enclosed State Regulation Status (SRS) Data Sheet. We discussed our review of the regulations with you on October 19, 2005.

As a result of our review, we have two 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 State and Tribal Programs (STP) Procedure SA-200.

We also note that your cover letter states 10 CFR 71.11, Deliberate Misconduct by Unlicensed Persons, was inadvertently not adopted. However, amendments to 10 CFR 71 effective in January 26, 2004 (69 FR 3697) (RATS ID 2004-1) redesignated 10 CFR 71.11 as Reserved, moving the Deliberate Misconduct section to 10 CFR 71.8. Your letter states that the process to adopt 71.11 by reference will begin and be in effect by June, 2007. Since RATS ID 2004-1 is due for adoption by all Agreement States by October 1, 2007, Oklahoma should consider making all of the necessary changes.

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 STP Procedure SA-201, "Review of State Regulatory Requirements," please highlight the location of any changes made by Oklahoma, in response to our comments and provide a copy to STP.

The SRS Data Sheet summarizes our knowledge of the status of other Oklahoma 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 STP website: <http://www.hrsd.ornl.gov/nrc/rulemaking.htm>.

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 me, or Dr. Stephen N. Salomon at 301-415-2368 or by e-mail at [SNS@NRC.GOV](mailto:SNS@NRC.GOV).

Sincerely,

***IRA By KNSchneider For***

Dennis K. Rathbun, Deputy Director  
Office of State and Tribal Programs

Enclosures:  
As stated

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 me, or Dr. Stephen N. Salomon at 301-415-2368 or by e-mail at SNS@NRC.GOV.

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***IRA By KNSchneider For***

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Office of State and Tribal Programs

Enclosures:  
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OFFICE	STP		STP		OGC		STP:DD	
NAME	SNSalomon		JTobin		STreby		DKRathbun	
DATE	10/20/2005*		10/20 /2005*		10/27/05*		10/31/2005*	

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**COMPATIBILITY COMMENTS ON OKLAHOMA FINAL REGULATIONS**

STATE SECTION		NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
1	252:410-20-1 (c)(15)(D)	N/A	1998-6	N/A	<p><b>Appendix F. Requirements for low-level waste transfer for disposal at land disposal facilities and manifests</b></p> <p>Oklahoma references Appendix F of 10 CFR 20. When Appendix G of 10 CFR 20 was promulgated in 1995, it replaced Appendix F, which was re-designated as Reserved.</p> <p>Oklahoma needs to delete reference to Appendix F of 10 CFR 20.</p>
2	252:410-10-35. (b)	N/A	2002-2	N/A	<p><b>Medical Use of Byproduct Materials</b></p> <p>In 252:410-10-35(b), Exceptions, the State reference to §35.32 is incorrect. There is no Section 35.32 in 10 CFR 35. Sections 35.59, Recentness of training, and 35.645, Periodic spot-check for gamma stereotactic radiosurgery units, do not incorporate communication provisions with the NRC.</p> <p>The State needs to delete the references to Sections 35.32, 35.59 and 35.645.</p>

## STATE REGULATION STATUS

**State: Oklahoma**

[Twelve amendments reviewed are identified  
by a | at the beginning of each equivalent NRC regulation]

**Tracking Ticket Number: 5-271**

**Date: October 31, 2005**

NRC Chronology Identification	FR Notice (Date Due for State Implementation))	RATS ID	Proposed (P) / Final (F) <sup>1</sup> Rule / ML # <sup>5</sup>	NRC Review / Y, N <sup>2</sup> / Date / ML # <sup>5</sup>	Final State Regulation <sup>1</sup> (Effective Date)
Safety Requirements for Radiographic Equipment-Part 34	55 FR 843; (1/10/94)	1991-1		9/16/99	9/29/00
ASNT Certification of Radiographers-Part 34	56 FR 11504; (none)	1991-2			Not required <sup>3</sup>
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; (1/1/94)	1991-3		5/20/97	9/29/00
Notification of Incidents-Parts 20, 30, 31, 34, 39, 40, 70	56 FR 64980; (10/15/94)	1991-4		9/16/99	9/29/00
Quality Management Program and Misadministrations-Part 35	56 FR 34104; (1/27/95)	1992-1		9/16/99	9/29/00
Eliminating the Recordkeeping Requirements for Departures from Manufacturer's Instructions-Parts 30,35	57 FR 45566; (none)	1992-2			Not required <sup>3</sup>
Decommissioning Recordkeeping and License Termination: Documentation Additions [Restricted areas and spill sites]-Parts 30, 40	58 FR 39628; (10/25/96)	1993-1		9/16/99	9/29/00
Licensing and Radiation Safety Requirements for Irradiators-Part 36	58 FR 7715; (7/1/96)	1993-2			Not applicable SECY-95-112 <sup>4</sup>
Definition of Land Disposal and Waste Site QA Program-Part 61	58 FR 33886; (7/22/96)	1993-3			Not applicable SECY-95-112 <sup>4</sup>
Self-Guarantee as an Additional Financial Mechanism-Parts 30, 40, 70	58 FR 68726; 59 FR 1618 (none)	1994-1			Not required <sup>3</sup>
Uranium Mill Tailings Regulations: Conforming NRC Requirements to EPA Standards-Part 40	59 FR 28220; (7/1/97)	1994-2			Not applicable to OK
Timeliness in Decommissioning Material Facilities-Parts 30, 40, 70	59 FR 36026; (8/15/97)	1994-3		9/16/99	9/29/00
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; (1/1/98)	1995-1		9/16/99	9/29/00
Frequency of Medical Examinations for Use of Respiratory Protection Equipment-Part 20	60 FR 7900; (3/13/98)	1995-2		5/20/97	9/29/00
Low-Level Waste Shipment Manifest Information and Reporting-Parts 20, 61	60 FR 15649; 60 FR 25983 (3/1/98)	1995-3		9/16/99	9/29/00
Performance Requirements for Radiography Equipment-Part 34	60 FR 28323; (6/30/98)	1995-4		9/16/99	9/29/00
Radiation Protection Requirements: Amended Definitions and Criteria-Parts 19, 20	60 FR 36038; (8/14/98)	1995-5		9/16/99	9/29/00
Clarification of Decommissioning Funding Requirements-Parts 30, 40, 70	60 FR 38235; (11/24/98)	1995-6		9/16/99	9/29/00

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Medical Administration of Radiation and Radioactive Materials-Parts 20, 35	60 FR 48624; (10/20/98)	1995-7		9/16/99	9/29/00
10 CFR Part 71: Compatibility with the International Atomic Energy Agency-Part 71	60 FR 50247; 62 FR 28724 (4/1/99)	1996-1		9/16/99	9/29/00
One Time Extension of Certain Byproduct, Source and Special Nuclear Materials Licenses-Parts 30, 40, 70	61 FR 1109; (none)	1996-2			Not required <sup>3</sup>
Termination or Transfer of Licensed Activities: Recordkeeping Requirements-Parts 20, 30, 40, 61, 70	61 FR 24669; (6/17/99)	1996-3		9/16/99	9/29/00
Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act-Part 20	61 FR 65120; (1/9/00)	1997-1		5/20/97	9/29/00
Recognition of Agreement State Licenses in Areas Under Exclusive Federal Jurisdiction Within an Agreement State-Part 150	62 FR 1662; (2/27/00)	1997-2		9/16/99	9/29/00
Criteria for the Release of Individuals Administered Radioactive Material-Parts 20, 35	62 FR 4120; (5/29/00)	1997-3		9/16/99	9/29/00
Fissile Material Shipments and Exemptions-Part 71	62 FR 5907; (none)	1997-4			Not required <sup>3</sup>
Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiography Operations-Parts 30, 34, 71, 150	62 FR 28947; (6/27/00)	1997-5		9/16/99	9/29/00
Radiological Criteria for License Termination-Parts 20, 30, 40, 70	62 FR 39057; (8/20/00)	1997-6		9/16/99	9/29/00
i Exempt Distribution of a Radioactive Drug Containing One Microcurie of Carbon-14 Urea-Part 30	62 FR 63634; (1/02/01)	1997-7	F 9/20/2005 ML052640398	N 10/31/05 ML053050275	9/29/00
i Deliberate Misconduct by Unlicensed Persons-Parts 30, 40, 61, 70, 71, 150	63 FR 1890; 63 FR 13773 (2/12/01)	1998-1	F 9/20/2005 ML052640398	N 10/31/05 ML053050275	9/29/00
Self-Guarantee of Decommissioning Funding by Nonprofit and Non-Bond-Issuing Licensees- Parts 30, 40, 70	63 FR 29535; (none)	1998-2			Not required <sup>3</sup>
License Term for Medical Use Licenses-Part 35	63 FR 31604; (none)	1998-3			Not required <sup>3</sup>
i Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations-Part 34	63 FR 37059; (7/9/01)	1998-4	F 9/20/2005 ML052640398	N 10/31/05 ML053050275	9/29/00
i Minor Corrections, Clarifying Changes, and a Minor Policy Change-Parts 20, 35, 36	63 FR 39477; 63 FR 45393 (10/26/01)	1998-5	F 9/20/2005 ML052640398	N 10/31/05 ML053050275	9/29/00
i Transfer for Disposal and Manifests: Minor Technical Conforming Amendment-Part 20	63 FR 50127; (11/20/01)	1998-6	F 9/20/2005 ML052640398	Y 10/31/05 ML053050275	9/29/00
i Radiological Criteria for License Termination of Uranium Recovery Facilities-Part 40	64 FR 17506; (6/11/02)	1999-1	F 9/20/2005 ML052640398	N 10/31/05 ML053050275	9/29/00
Requirements for Those Who Possess Certain Industrial Devices Containing Byproduct Material to Provide Requested Information-Part 31	64 FR 42269; (none)	1999-2			Not required <sup>3</sup>

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i Respiratory Protection and Controls to Restrict Internal Exposure-Part 20	64 FR 54543; 64 FR 55524 (2/2/03)	1999-3	F 9/20/2005 ML052640398	N 10/31/05 ML053050275	6/13/02
i Energy Compensation Sources for Well Logging and Other Regulatory Clarifications-Part 39	65 FR 20337; (5/17/03)	2000-1	F 9/20/2005 ML052640398	N 10/31/05 ML053050275	6/13/02
i New Dosimetry Technology-Parts 34, 36, 39	65 FR 63750; (1/8/04)	2000-2	F 9/20/2005 ML052640398	N 10/31/05 ML053050275	6/13/02
i Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material - Parts 30, 31, 32	65 FR 79162; (2/16/04)	2001-1	F 9/20/2005 ML052640398	N 10/31/05 ML053050275	6/13/02
i Revision of the Skin Dose Limit-Part 20	67 FR 16298; (4/5/05)	2002-1	F 9/20/2005 ML052640398	N 10/31/05 ML053050275	6/13/02
i Medical Use of Byproduct Material-Parts 20, 32, and 35	67 FR 20249; (4/24/05)	2002-2	F 9/20/2005 ML052640398	Y 10/31/05 ML053050275	6/13/02
Financial Assurance for Materials Licensees – Parts 30, 40, 70	68 FR 57327 12/3/06	2003-1			
Compatibility with IAEA Transportation Safety Standards and Other Transportation Safety Amendments - Part 71	69 FR 3697; (10/01/07)	2004-1			
Security Requirements for Portable Gauges Containing Byproduct Material - Part 30	70 FR 2001; (7/11/08)	2005-1			
Medical Use of Byproduct Material - Recognition of Specialty Boards - Part 35	70 FR 16336; (4/29/08)	2005-2			

1. Or other generic Legally Binding Requirements.
2. (Y/N) Y means “Yes,” there are comments in the review letter that the State needs to address.  
N means “No,” there are no comments in the review letter.
3. Not Required means these regulations are not required for purposes of compatibility.
4. A State need not adopt a specific regulation if the State has no licensees that would be subject to the regulation. See: “Final Policy Statement on Adequacy and Compatibility of Agreement State Programs,” III.1.Time From For Adoption of Compatible State Regulations, p. 6, SECY-95-112, May 3, 1995.
5. ADAMS ML Number.