

August 9, 2004

Mr. Robert Owen, Chief  
Bureau of Radiation Protection  
Ohio Department of Health  
P. O. Box 118  
Columbus, OH 43216-0118

Dear Mr. Owen:

As requested, we have reviewed your June 28, 2004 response to our letter, dated June 14, 2004, which transmitted our comments on your proposed rule revisions to Ohio Rule 3701: 1-38, "*General Radiation Protection Standards for Sources of Radiation*", Rule 3701: 1-40 "*Licensing Requirements for By-Product and Accelerator Produced Radioactive Materials*", Rule 3701: 1-46 "*General Licenses and Licenses for Manufacturing and Distribution*", and Rule 3701: 1-48, "*Radioactive Material Standards - Industrial Radiographers*". We also reviewed the additional information you provided in Ohio Rules 3701:1-38-21(C) (1)(a)(vi) and 3701:1-38-21(C)(2)(b). These regulations were reviewed by comparison to the equivalent Nuclear Regulatory Commission (NRC) regulations in 10 CFR Part 20, 30, 31, 32, 34 and 150 and the requirements of the amendments identified in the enclosed States Regulation Status Data Sheet (SRS). We discussed our review of the regulations with Michael Snee on August 5, 2004.

The additional information provided in your letter enabled us to verify that your regulations meet the essential objectives of the equivalent NRC regulations; therefore our comments 1 and 3 are withdrawn. With regard to comment 2, pertaining to Rule 3701:1-38-19H, "*General Radiation Protection Standards for Sources of Radiation-Waste Disposal*", your response noted that the appropriate wording is contained in Appendix A to Ohio Rule 3701:1-38-19. Since this includes the essential objective of the equivalent regulations, comment 2 is also withdrawn.

The SRS Data Sheet summarizes our knowledge of the status of other Ohio 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 Web Site: <http://www.hsrdo.org/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 Patricia Eng at (301) 415-7206 or PLE@NRC.GOV.

Sincerely,

**IRA By Kathleen Schneider For\**

Josephine M. Piccone, Deputy Director  
Office of State and Tribal Programs

Enclosure:  
As stated

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The additional information provided in your letter enabled us to verify that your regulations meet the essential objectives of the equivalent NRC regulations; therefore our comments 1 and 3 are withdrawn. With regard to comment 2, pertaining to Rule 3701:1-38-19H, "General Radiation Protection Standards for Sources of Radiation-Waste Disposal", your response noted that the appropriate wording is contained in Appendix A to Ohio Rule 3701:1-38-19. Since this includes the essential objective of the equivalent regulations, comment 2 is also withdrawn.

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ML042220269

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**STATE REGULATION STATUS**

State: OHIO

[Amendments reviewed are identified by a ★  
at the beginning of each equivalent NRC regulation.]

Tracking Ticket Number: 4-164

Date: August 9, 2004

NRC Chronology Identification	FR Notice (Date Due for State Implementation)	RATS ID	Proposed (P) / Final (F) <sup>1</sup> Rule / ML # <sup>4</sup>	NRC Review / Y, N <sup>2</sup> / Date / ML # <sup>4</sup>	Final State Regulation <sup>1</sup> (Effective Date)
Safety Requirements for Radiographic Equipment-Part 34	55 FR 843; (1/10/94)	1991-1	F ML023250117	N 1/9/03 ML030060349	10/20/02
ASNT Certification of Radiographers-Part 34	56 FR 11504; (none)	1991-2	F ML023250117	N 1/9/03 ML030060349	10/20/02
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	F ML040920160	N 4/14/04 ML041060011	7/22/01 <sup>5</sup>
Notification of Incidents-Parts 20, 30, 31, 34, 39, 40, 70	56 FR 64980; (10/15/94)	1991-4	P	Y 7/26/00	
Quality Management Program and Misadministrations-Part 35	56 FR 34104; (1/27/95)	1992-1			
Eliminating the Recordkeeping Requirements for Departures from Manufacturer's Instructions-Parts 30,35	57 FR 45566; (none)	1992-2			10/9/98 <sup>6</sup>
Decommissioning Recordkeeping and License Termination: Documentation Additions [Restricted areas and spill sites]-Parts 30, 40	58 FR 39628; (10/25/96)	1993-1	P	Y 7/26/00	10/9/98 <sup>5</sup>
Licensing and Radiation Safety Requirements for Irradiators-Part 36	58 FR 7715; (7/1/96)	1993-2	F ML023250117	N 1/19/03 ML030060349	10/20/02
Definition of Land Disposal and Waste Site QA Program-Part 61	58 FR 33886; (7/22/96)	1993-3			10/9/98 <sup>6</sup>
Self-Guarantee as an Additional Financial Mechanism-Parts 30, 40, 70	58 FR 68726; 59 FR 1618 (none)	1994-1			10/9/98 <sup>6</sup>
Uranium Mill Tailings Regulations: Conforming NRC Requirements to EPA Standards-Part 40	59 FR 28220; (7/1/97)	1994-2			10/9/98 <sup>5</sup>
Timeliness in Decommissioning Material Facilities-Parts 30, 40, 70	59 FR 36026; (8/15/97)	1994-3	P	N 7/26/00	10/9/98 <sup>5</sup>
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	P ML012340364	Y 12/11/01 ML013510454	10/9/98 <sup>5</sup>
Frequency of Medical Examinations for Use of Respiratory Protection Equipment-Part 20	60 FR 7900; (3/13/98)	1995-2	F ML041240504	N 6/14/04 ML041670402	10/9/98 <sup>5</sup>
Low-Level Waste Shipment Manifest Information and Reporting-Parts 20, 61	60 FR 15649; 60 FR 25983 (3/1/98)	1995-3	F ML040920160	N 4/14/04 ML041060011	7/22/01 <sup>5</sup>
Performance Requirements for Radiography Equipment-Part 34	60 FR 28323; (6/30/98)	1995-4	P ML012500056	N 1/14/02 ML020170450	10/20/02 <sup>5</sup>

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Radiation Protection Requirements: Amended Definitions and Criteria-Parts 19, 20	60 FR 36038; (8/14/98)	1995-5	F ML040920160	N 4/14/04 ML041060011	7/22/01 <sup>5</sup>
Clarification of Decommissioning Funding Requirements-Parts 30, 40, 70	60 FR 38235; (11/24/98)	1995-6	P	N 7/26/00	10/9/98 <sup>5</sup>
Medical Administration of Radiation and Radioactive Materials-Parts 20, 35	60 FR 48623; (10/20/98)	1995-7			10/9/98 <sup>5</sup>
10 CFR Part 71: Compatibility with the International Atomic Energy Agency-Part 71	60 FR 50248; 61 FR 28723 (4/1/99)	1996-1	P ML010380259 ML010870344	Y 9/25/01 ML012710319	10/9/98 <sup>5</sup>
One Time Extension of Certain Byproduct, Source and Special Nuclear Materials Licenses-Parts 30, 40, 70	61 FR 1109; (none)	1996-2			10/9/98 <sup>6</sup>
Termination or Transfer of Licensed Activities: Recordkeeping Requirements-Parts 20, 30, 40, 61, 70	61 FR 24669; (6/17/99)	1996-3	P	N 7/26/00	10/9/98 <sup>5</sup>
Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act-Part 20	61 FR 65120; (1/9/00)	1997-1	F ML041240504 F ML041900134	N 6/14/04 ML041670402 N 8/9/04 ML042220269	07/26/01
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	F ML041240504	N 6/14/04 ML041670402	11/27/02
Criteria for the Release of Individuals Administered Radioactive Material-Parts 20, 35	62 FR 4120; (5/29/00)	1997-3			10/9/98 <sup>5</sup>
Fissile Material Shipments and Exemptions-Part 71	62 FR 5907; (none)	1997-4			10/9/98 <sup>6</sup>
Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiography Operations-Parts 30, 34, 71, 150	62 FR 28948; (6/27/00)	1997-5	P ML023250117	N 1/9/03 ML030060349	10/20/02 <sup>5</sup>
Radiological Criteria for License Termination-Parts 20, 30, 40, 70	62 FR 39058; (8/20/00)	1997-6			10/9/98 <sup>5</sup>
Exempt Distribution of a Radioactive Drug Containing One Microcurie of Carbon-14 Urea-Part 30	62 FR 63634; (1/02/01)	1997-7	F ML041240504	N 6/14/04 ML041670402	10/18/02
Deliberate Misconduct by Unlicensed Persons-Parts 30, 40, 61, 70, 71, 150	63 FR 1890; 63 FR 13773 (2/12/01)	1998-1	P ML010380259 ML010870344	N 12/12/01 ML013530072	10/9/98 <sup>5</sup>
Self-Guarantee of Decommissioning Funding by Nonprofit and Non-Bond-Issuing Licensees- Parts 30, 40, 70	63 FR 29535; (none)	1998-2			10/9/98 <sup>6</sup>
License Term for Medical Use Licenses-Part 35	63 FR 31604; (none)	1998-3			10/9/98 <sup>6</sup>
Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations-Part 34	63 FR 37059; (7/9/01)	1998-4	F ML041240504	N 6/14/04 ML041670402	10/18/02

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Minor Corrections, Clarifying Changes, and a Minor Policy Change-Parts 20, 35, 36	63 FR 39477; 63 FR 45393 (10/26/01)	1998-5			10/9/98 <sup>5</sup>
Transfer for Disposal and Manifests: Minor Technical Conforming Amendment- Part 20	63 FR 50127; (11/20/01)	1998-6	F ML041240504 N ML041900134	Y 6/14/04 ML041670402 N 8/9/04 ML042220269	7/26/01
Radiological Criteria for License Termination of Uranium Recovery Facilities-Part 40	64 FR 17506; (6/11/02)	1999-1			
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>
Respiratory Protection and Controls to Restrict Internal Exposure-Part 20	64 FR 54543; 64 FR 55524 (2/2/03)	1999-3	F ML040920160	N 4/14/04 ML041060011	7/22/01 <sup>5</sup>
Energy Compensation Sources for Well Logging and Other Regulatory Clarifications- Part 39	65 FR 20337; (5/17/03)	2000-1	F ML012500049	N 1/9/03 ML030060349	10/20/02
New Dosimetry Technology-Parts 34, 36, 39	65 FR 63749; (1/8/04)	2000-2	F ML023250117	N 1/9/03 ML030060349	10/20/02
Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material - Parts 30, 31, 32	65 FR 79162; (2/16/04)	2001-1	F ML041240504 F ML041900134	Y 6/14/04 ML041670402 N 8/9/04 ML042220269	10/18/02
Revision of the Skin Dose Limit-Part 20	67 FR 1629; (4/5/05)	2002-1			
Medical Use of Byproduct Material-Parts 20, 32, 35	67 FR 20249; (4/24/05)	2002-2			
Financial Assurance for Materials Licensees – Parts 30, 40, 70	68 FR 57327 12/3/06	2003-1			

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. ADAMS ML Number
5. Ohio became an Agreement State effective 08/31/99. The State incorporated NRC regulations by reference 10/9/98 and therefore, these regulations were found compatible.
6. Although these items are not required for purposes of compatibility, the State incorporated NRC regulations by reference on 10/9/98 which included these items.