

October 14, 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 July 20, 2004 submittal, which presented your proposed rule revisions to Ohio Rule 3701:1-38, "*General Radiation Protection Standards for Sources of Radiation*", Rule 3701:1-58, "Medical Use of Radioactive Materials". We also reviewed the additional information you provided in Ohio Rules 3701:1-46-43 and 44 and which you transmitted electronically on September 16, 2004. These regulations were reviewed by comparison to the equivalent Nuclear Regulatory Commission (NRC) regulations in 10 CFR Parts 20, 30, 32, and 35 and the requirements of the six amendments identified in the enclosed States Regulation Status Data Sheet (SRS). We discussed our review of the regulations, with Michael Snee, on October 13, 2004.

As a result of our review, we have no comments and four editorial suggestions. 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 a State regulation meets the compatibility and health and safety categories of the equivalent NRC regulation may only be made based on a review of the final State regulation. However, we have determined that if these regulations are adopted without 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 request that when the proposed regulations are adopted and published as final regulations, a copy of the "as published" regulations be provided to the NRC for review.

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.hsrdoh.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 Dennis Sollenberger at (301) 415-2819 or [DMS4@NRC.GOV](mailto:DMS4@NRC.GOV).

Sincerely,

***IRA By K.N. Schneider***

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

Enclosure:  
As stated

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Josephine M. Piccone, Deputy Director  
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Enclosure: As stated

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**Response to Incoming Document: ML042230062**

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OFFICE	STP		STP		OGC		STP:DD	
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DATE	09/24/04*		09/27/04 *		10/12/04 *		10/14/04*	

ML042890002

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## Editorial Suggestions

1. 3701:1-38-01(139) (20.1003 equivalent) In the definition for “Sealed Source and Device Registry”, the word “fro” in the last line should be replaced by “for”.
2. 3701:1-38-07 (20.1002 equivalent) Ohio should add a reference to its new regulation equivalent to 10 CFR Part 35.75.
3. 3701:1-58-07(B)(2) (35.12(b)) should begin with the word, “Submitting”. The corresponding paragraph in the next section is worded in this manner.
4. 3701:1-58-09(A) (35.14 equivalent) In the first line, insert “of” between the words “copy one”.

**STATE REGULATION STATUS**

State: OHIO

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

Tracking Ticket Number: 4-216

Date: October 14, 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>1</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
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; (1-7/95)	1992-1	P ML042230062	N 10/14/2004 ML042890002	
*Eliminating the Recordkeeping Requirements for Departures from Manufacturer's Instructions-Parts 30,35	57 FR 45566; (none)	1992-2	P ML042230062	N 10/14/2004 ML042890002	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	F ML023180373	N 1/9/03 ML030220061	10/20/02
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
Performance Requirements for Radiography Equipment-Part 34	60 FR 28323; (6/30/98)	1995-4	P ML012500056	N 1/14/02 ML020170450	10/20/025

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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
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	P ML042230062	N 10/14/2004 ML042890002	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	P ML042230062	N 10/14/2004 ML042890002	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	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
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	P ML042230062	N 10/14/2004 ML042890002	
*Medical Use of Byproduct Material-Parts 20, 32, 35	67 FR 20249; (4/24/05)	2002-2	P ML042230062	N 10/14/2004 ML042890002	
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			

- For other generic Legally Binding Requirements.
- (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.
- Not required means these regulations are not required for purposes of compatibility.
- ADAMS ML Number
- 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.
- 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.