

March 6, 2007

George F. Johns, Jr., Supervisor
Radiation Control Unit
625 Robert Street North-PO Box 64975
St. Paul, Minnesota 55164-0975

Dear Mr. Johns:

We have reviewed the proposed changes to the Minnesota Department of Health (MDH) regulations on Radiation Safety, Chapter 4731, received by our office on January 29, 2007. These regulations were reviewed by comparison to the equivalent Nuclear Regulatory Commission (NRC) rules in 10 CFR Parts 20, 30, 32, 35, 40, 70, and 71 and the requirements of the five amendments identified in the enclosed State Regulation Status (SRS) Data Sheet. We discussed our review of the regulations with you on March 5, 2007.

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 Minnesota 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 Minnesota 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 Federal and State Materials and Environmental Management (FSME) 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 us for review. As requested in FSME Procedure SA-201, "Review of State Regulatory Requirements," please highlight the final changes, and provide a copy to Division of Materials Safety and State Agreements, Office of Federal and State Materials and Environmental Management Programs (see letter FSME 06-94 dated October 6, 2006 for further information).

The SRS Data Sheet summarizes our knowledge of the status of other Minnesota 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.hsr.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 Kathleen Schneider, State Regulation Review Coordinator, at 301-415-2320 (e-mail: kxs@nrc.gov), or Kim Karcagi at 301-415-6701 (e-mail: kxk2@nrc.gov).

Sincerely,

\S.W. Moore

Scott W. Moore, Deputy Director
Division of Materials Safety and State Agreements
Office of Federal and State Materials and
Environmental Management 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 Kathleen Schneider, State Regulation Review Coordinator, at 301-415-2320 (e-mail: kxs@nrc.gov), or Kim Karcagi at 301-415-6701 (e-mail: kxk2@nrc.gov).

Sincerely,

S.W. Moore

Scott W. Moore, Deputy Director
Division of Materials Safety and State Agreements
Office of Federal and State Materials and
Environmental Management Programs

Enclosures:
As stated

Distribution:
DIR RF (7-11)
DCD (SP05)
James Lynch, RSAO
Aaron McCraw, ASPO
MOrendi

SUNSI Review Complete

- Publicly Available Non-Publicly Available
- Non-Sensitive Sensitive

[MN]File

DOCUMENT NAME: D:\NRC\Regs\MN 7-11.wpd

ML of Incoming Document:ML070240111

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure
"N" = No copy

OFFICE	SAISB	SAISB	SAISB	OGC	SAIS:BC	MSSA:DD
NAME	KKarcagi	MOrendi	KSchneider	FCameron	PRathbun	SMoore
DATE	02/13/07*	02/13/07*	02/15/07*	02/23/07*	03/06/07*	03/06/07*

ML070650052

OFFICIAL RECORD COPY

PKG.ML070650061

**COMPATIBILITY COMMENTS ON MINNESOTA DEPARTMENT OF HEALTH (MDH)
PROPOSED REGULATIONS**

STATE SECTION	NRC SECTION	RATS ID	CATEGORY	SUBJECT and COMMENTS
1	4731.0100 Subp. 129-132	§71.4	2004-1	<p data-bbox="813 365 854 396">[B]</p> <p data-bbox="1016 365 1170 396">Definitions</p> <p data-bbox="1016 432 1479 564">Minnesota’s definition of LSA omits the phrase “which is nonfissile or excepted under 71.15 (Minnesota equivalent 4731.0403 Subp. 3)”.</p> <p data-bbox="1016 600 1487 764">Minnesota’s definition of LSA -1 omits the section equivalent to 10 CFR 71.4 Definitions LSA-1 (1)(iv) and adds a section MDH 4731.0100 Subp. 130 (D).</p> <p data-bbox="1016 800 1511 898">Minnesota’s definition of LSA-III omits “excluding powders , that satisfy the requirements of 10 CFR 71.77”.</p> <p data-bbox="1016 934 1507 1331">Minnesota needs to add the phrase “ which is non fissile or excepted under 71.15” to the definition of LSA, to add a section equivalent to 10 CFR 71.4 Definitions LSA-1 (1)(iv) and remove 4731.0100 Subp. 130 (D), and to add the phrase “excluding powders, that satisfy the requirements of 10 CFR 71.77” to the defintion of LSA-III to meet the Compatibility Category [B] designation assigned to Section 10 CFR 71.4.</p>

STATE REGULATION STATUS

State: **MINNESOTA**

[5 Amendments reviewed identified by a ★
at the beginning of the equivalent NRC requirement.]

Tracking Ticket Number: 7-11

Date: MARCH 6, 2007

NRC Chronology Identification	FR Notice (State Due Date)	RATS ID	Proposed (P) / Final (F) ¹ Rule / License Condition (LC) ML # ⁵	NRC Review / Y, N ² / Date / ML # ⁵	Final State Regulation ¹ (Effective Date)
Safety Requirements for Radiographic Equipment-Part 34	55 FR 843; (1/10/94)	1991-1	F ML050140452	03/04/05 ⁶ ML050690100	
ASNT Certification of Radiographers-Part 34	56 FR 11504; (none)	1991-2			Not required 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; (1/1/94)	1991-3	F ML050140452	03/04/05 ⁶ ML050690100	
Notification of Incidents-Parts 20, 30, 31, 34, 39, 40, 70	56 FR 64980; (10/15/94)	1991-4	F ML050140452	03/04/05 ⁶ ML050690100	
Quality Management Program and Misadministrations-Part 35	56 FR 34104; (1/27/95)	1992-1	F ML050140452	03/04/05 ⁶ ML050690100	
Eliminating the Recordkeeping Requirements for Departures from Manufacturer's Instructions-Parts 30,35	57 FR 45566; (none)	1992-2			Not required ³
Decommissioning Recordkeeping and License Termination: Documentation Additions [Restricted areas and spill sites]-Parts 30, 40	58 FR 39628; (10/25/96)	1993-1	F ML050140452	03/04/05 ⁶ ML050690100	
Licensing and Radiation Safety Requirements for Irradiators-Part 36	58 FR 7715; (7/1/96)	1993-2	F ML050140452	03/04/05 ⁶ ML050690100	
Definition of Land Disposal and Waste Site QA Program-Part 61	58 FR 33886; (7/22/96)	1993-3			Not applicable SECY-95-112 ⁴
Self-Guarantee as an Additional Financial Mechanism-Parts 30, 40, 70	58 FR 68726; 59 FR 1618; (none)	1994-1			Not required ³
Uranium Mill Tailings Regulations: Conforming NRC Requirements to EPA Standards-Part 40	59 FR 28220; (7/1/97)	1994-2			Not applicable SECY-95-112 ⁴

NRC Chronology Identification	FR Notice (State Due Date)	RATS ID	Proposed (P) / Final (F) ¹ Rule / License Condition (LC) ML # ⁵	NRC Review / Y, N ² / Date / ML # ⁵	Final State Regulation ¹ (Effective Date)
Timeliness in Decommissioning Material Facilities-Parts 30, 40, 70	59 FR 36026; (8/15/97)	1994-3	F ML050140452	03/04/05 ⁶ ML050690100	
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 ML050140452	03/04/05 ⁶ ML050690100	
Frequency of Medical Examinations for Use of Respiratory Protection Equipment-Part 20	60 FR 7900; (3/13/98)	1995-2	F ML050140452	03/04/05 ⁶ ML050690100	
Low-Level Waste Shipment Manifest Information and Reporting-Parts 20, 61	60 FR 15649; 60 FR 25983; (3/1/98)	1995-3	F ML050140452	03/04/05 ⁶ ML050690100	
Performance Requirements for Radiography Equipment-Part 34	60 FR 28323; (6/30/98)	1995-4	F ML050140452	03/04/05 ⁶ ML050690100	
Radiation Protection Requirements: Amended Definitions and Criteria-Parts 19, 20	60 FR 36038; (8/14/98)	1995-5	F ML050140452	03/04/05 ⁶ ML050690100	
Clarification of Decommissioning Funding Requirements-Parts 30, 40, 70	60 FR 38235; (11/24/98)	1995-6	F ML050140452	03/04/05 ⁶ ML050690100	
Medical Administration of Radiation and Radioactive Materials-Parts 20, 35	60 FR 48623; (10/20/98)	1995-7	F ML050140452	03/04/05 ⁶ ML050690100	
10 CFR Part 71: Compatibility with the International Atomic Energy Agency-Part 71	60 FR 50248; 61 FR 28724; (4/1/99)	1996-1	F ML050140452	03/04/05 ⁶ ML050690100	
One Time Extension of Certain Byproduct, Source and Special Nuclear Materials Licenses-Parts 30, 40, 70	61 FR 1109; (none)	1996-2			Not required ³
Termination or Transfer of Licensed Activities: Recordkeeping Requirements-Parts 20, 30, 40, 61, 70	61 FR 24669; (6/17/99)	1996-3	F ML050140452	03/04/05 ⁶ ML050690100	
Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act-Part 20	61 FR 65120; (1/9/00)	1997-1	F ML050140452	03/04/05 ⁶ ML050690100	

NRC Chronology Identification	FR Notice (State Due Date)	RATS ID	Proposed (P) / Final (F)¹ Rule / License Condition (LC) ML #⁵	NRC Review / Y, N² / Date / ML #⁵	Final State Regulation¹ (Effective Date)
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 ML050140452	03/04/05 ⁶ ML050690100	
Criteria for the Release of Individuals Administered Radioactive Material-Parts 20, 35	62 FR 4120; (5/29/00)	1997-3	F ML050140452	03/04/05 ⁶ ML050690100	
Fissile Material Shipments and Exemptions-Part 71	62 FR 5907; (none)	1997-4			Not required ³
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	F ML050140452	03/04/05 ⁶ ML050690100	
Radiological Criteria for License Termination-Parts 20, 30, 40, 70	62 FR 39057; (8/20/00)	1997-6	F ML050140452	03/04/05 ⁶ ML050690100	
Exempt Distribution of a Radioactive Drug Containing One Microcurie of Carbon-14 Urea-Part 30	62 FR 63634; (1/02/01)	1997-7	F ML050140452	03/04/05 ⁶ ML050690100	
Deliberate Misconduct by Unlicensed Persons-Parts 30, 40, 61, 70, 71, 150	63 FR 1890; 63 FR 13773; (2/12/01)	1998-1	F ML050140452	03/04/05 ⁶ ML050690100	
Self-Guarantee of Decommissioning Funding by Nonprofit and Non-Bond-Issuing Licensees-Parts 30, 40, 70	63 FR 29535; (none)	1998-2			Not required ³
License Term for Medical Use Licenses-Part 35	63 FR 31604; (none)	1998-3			Not required ³
Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations-Part 34	63 FR 37059; (7/9/01)	1998-4	F ML050140452	03/04/05 ⁶ ML050690100	
Minor Corrections, Clarifying Changes, and a Minor Policy Change-Parts 20	63 FR 39477; 63 FR 45393; (10/26/01)	1998-5	F ML050140452	03/04/05 ⁶ ML050690100	
Transfer for Disposal and Manifests: Minor Technical Conforming Amendment-Part 20	63 FR 50127; (11/20/01)	1998-6	F ML050140452	03/04/05 ⁶ ML050690100	

NRC Chronology Identification	FR Notice (State Due Date)	RATS ID	Proposed (P) / Final (F)¹ Rule / License Condition (LC) ML #⁵	NRC Review / Y, N² / Date / ML #⁵	Final State Regulation¹ (Effective Date)
Radiological Criteria for License Termination of Uranium Recovery Facilities-Part 40	64 FR 17506; (6/11/02)	1999-1			Not applicable SECY-95-112 ⁴
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 ³
Respiratory Protection and Controls to Restrict Internal Exposure-Part 20	64 FR 54543; 64 FR 55524; (2/2/03)	1999-3	F ML050140452	03/04/05 ⁶ ML050690100	
Energy Compensation Sources for Well Logging and Other Regulatory Clarifications-Part 39	65 FR 20337; (5/17/03)	2000-1	F ML050140452	03/04/05 ⁶ ML050690100	
New Dosimetry Technology-Parts 34, 36, 39	65 FR 63750; (1/8/04)	2000-2	F ML050140452	03/04/05 ⁶ ML050690100	
Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material - Parts 30, 31, 32	65 FR 79162; (2/16/04)	2001-1	F ML050140452	03/04/05 ⁶ ML050690100	
Revision of the Skin Dose Limit-Part 20	67 FR 16298 (4/5/05)	2002-1	F ML050140452	03/04/05 ⁶ ML050690100	
Medical Use of Byproduct Material-Parts 20, 32, and 35	67 FR 20249 (10/24/05)	2002-2	F ML050140452	03/04/05 ⁶ ML050690100	
★Financial Assurance for Materials Licensees - Parts 30, 40, 70	68 FR 56327 (12/3/06)	2003-1	P ML070240111	N 03/06/07 ML070650052	
★Compatibility With IAEA Transportation Safety Standards and Other Transportation Safety Amendments – Part 71.	69 FR 3697; (10/01/07)	2004-1	P ML070240111 LC	N 03/06/07 ML070650052 N 1/20/06 ML060200281	
★Security Requirements for Portable Gauges Containing Byproduct Material - Part 30	70 FR 2001; (7/11/08)	2005-1	P ML070240111 LC	N 03/06/07 ML070650052 N 1/20/06 ML060200281	
★Medical Use of Byproduct Material - Recognition of Specialty Boards - Part 35	70 FR 16336; 71 FR 1926 (4/29/08)	2005-2	P ML070240111 LC	N 03/06/07 ML070650052 N 1/20/06 ML060200281	

NRC Chronology Identification	FR Notice (State Due Date)	RATS ID	Proposed (P) / Final (F)¹ Rule / License Condition (LC) ML #⁵	NRC Review / Y, N² / Date / ML #⁵	Final State Regulation¹ (Effective Date)
Increased Controls for Risk-Significant Radioactive Sources (NRC Order EA-05-090) ⁷	70 FR 72128; (12/1/05)	2005-3	LC ML053220236	11/18/2005 ML053220444	
★Minor Amendments - Parts 20, 30, 32, 35, 40, and 70	71 FR 15005 (03/27/09)	2006-1	P ML070240111	N 03/06/07 ML070650052	
National Source Tracking System - Serialization Requirements - Part 32 with reference to Part 20 Appendix E	71 FR 65685 (2/6/07)	2006-2			
National Source Tracking System - Part 20	71 FR 65865 (11/15/07) & (11/30/07)	2006-3			

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 that regulation. See: "Final Policy Statement on Adequacy and Compatibility of Agreement State Programs," III.1. Time Frame for Adoption of Compatible State Regulations, p. 6, SECY-95-112, May 3, 1995.
5. ADAMS ML Number
6. By letter dated September 2, 2005, from Paul H. Lohaus, Director, Office of State and Tribal Programs, Agreement States were given 90 days to issue legally binding requirements satisfying the requirements of NRC Order EA-05-090.