

October 18, 2002

Ms. M. Sue Semerena, Administrator  
Consumer Health Services  
Nebraska Health and Human Services System  
Department of Regulation and Licensure  
301 Centennial Mall South, P.O. Box 95007  
Lincoln, NE 68509-5007

Dear Ms. Semerena:

We have reviewed the proposed Nebraska regulations for Control of Radiation-Ionizing (Title 180, Nebraska Administrative Code), received by this office on September 25, 2002. The proposed regulations are in response to the six amendments identified in the enclosed State Regulation Status (SRS) Data Sheet. The regulations were reviewed by comparison to the equivalent NRC regulations in 10 CFR Part 20, 30, 31, 32, 34, 36 and 39. We discussed our review of the regulations with Trudy Hill of your staff on October 8, 2002.

As a result of the NRC review we have one comment and two 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 your proposed regulations were adopted, incorporating the comments and without other significant change, they would meet the compatibility and health and safety categories established in Office of State and Tribal Programs (STP) Procedure SA-200.

The SRS Data Sheet summarizes our knowledge of the status of other Nebraska regulations as indicated. This letter including the SRS Data Sheet is posted on the STP Web Site: <http://www.hsrcd.ornl.gov/nrc/rulemaking.htm>. If you have any questions regarding the compatibility and health categories, or any of the NRC regulations used in the review, please contact me at 301-415-2325 or John Zabko of my staff at 301-415-2308 or E-mail: JGZ@NRC.GOV.

Sincerely,

*/RA/*

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

Enclosures:  
As stated

Distribution:

DIR RF (2-225)  
OSiurano, ASPO  
BUilton  
Nebraska File

DCD (SP08)  
PDR (YES✓)

**RESPONSE TO INCOMING DOCUMENTS: PKG ML 022770200**

**DOCUMENT NAME: C:\ORPCheckout\FileNET\ML022960258.wpd**

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COMMENTS ON PROPOSED NEBRASKA REGULATIONS  
AGAINST AND HEALTH AND SAFETY CATEGORIES

State Regulation	NRC Regulation	RATS ID	Category	Subject and Comments
180-4-022	20.1502	1998-5	D, H&S	<p>Conditions requiring individual monitoring of external and internal occupational dose</p> <p>As a result of combining 20.1502(2,3), the intent of the rule has been changed and results in a different dose at which monitoring is required.</p> <p>In 20.1502, paragraphs (a)(2) and (b)(2), contain the monitoring requirements for minors and pregnant women. The dose limits for minors in (a)(2) apply for an entire year, while for a declared pregnant woman, the dose limit in (b)(2) applies only to the 9-month gestation period.</p> <p>The State should separate the requirements for minors from the requirements for declared pregnant women as stated in 20.1502</p>

## **Editorial Suggestions**

1. In 180-4-002, there should be separation between the definitions of “declared pregnant woman” and “demand respirator.”
2. In 180-4-058.01(b), the State should make the following change: replace “eye dose equivalent” with “lens dose equivalent.”

**STATE REGULATION STATUS**

**State: Nebraska**

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

**Tracking Ticket Number: 2-225**

**Date: October 18, 2002**

NRC Chronology Identification	FR Notice (State Due Date)	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			5/30/94
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	10/7/97		5/30/94
Notification of Incidents-Parts 20, 30, 31, 34, 39, 40, 70	56 FR 64980; (10/15/94)	1991-4			5/30/94
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			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	P	Y 5/20/97	9/17/97
Licensing and Radiation Safety Requirements for Irradiators-Part 36	58 FR 7715; (7/1/96)	1993-2			10/30/96
Definition of Land Disposal and Waste Site QA Program-Part 61	58 FR 33886; (7/22/96)	1993-3			QA portion 9/17/97
Self-Guarantee as an Additional Financial Mechanism-Parts 30, 40, 70	58 FR 68726; 59 FR 1618 (none)	1994-1			9/17/97
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 <sup>4</sup>
Timeliness in Decommissioning Material Facilities-Parts 30, 40, 70	59 FR 36026; (8/15/97)	1994-3	P	N 5/29/97	9/17/97
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			9/17/97
Frequency of Medical Examinations for Use of Respiratory Protection Equipment-Part 20	60 FR 7900; (3/13/98)	1995-2	F	N 5/19/99	012/15/98
Low-Level Waste Shipment Manifest Information and Reporting-Parts 20, 61	60 FR 15649; 60 FR 25983 (3/1/98)	1995-3	F	N 5/19/99	12/15/98

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Performance Requirements for Radiography Equipment-Part 34	60 FR 28323; (6/30/98)	1995-4	F ML003763184	N 2/1/01 ML010330318	5/27/00
Radiation Protection Requirements: Amended Definitions and Criteria-Parts 19, 20	60 FR 36038; (8/14/98)	1995-5	F	N 5/19/99	12/15/98
Clarification of Decommissioning Funding Requirements-Parts 30, 40, 70	60 FR 38235; (11/24/98)	1995-6			9/17/97
Medical Administration of Radiation and Radioactive Materials-Parts 20, 35	60 FR 48623; (10/20/98)	1995-7			9/17/97
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 ML003763184	N 2/1/01 ML010330318	12/15/98
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			9/17/97
Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act-Part 20	61 FR 65120; (1/9/00)	1997-1	F ML003763184	N 2/1/01 ML010330318	5/27/00
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	F ML003763184	N 2/1/01 ML010330318	5/27/00
Criteria for the Release of Individuals Administered Radioactive Material-Parts 20, 35	62 FR 4120; (5/29/00)	1997-3			9/17/97
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	F ML003763184	N 2/1/01 ML010330318	5/27/00
Radiological Criteria for License Termination-Parts 20, 30, 40, 70	62 FR 39057; (8/20/00)	1997-6	P ML011130396	N 7/20/01 ML012010439	5/27/00
Exempt Distribution of a Radioactive Drug Containing One Microcurie of Carbon-14 Urea-Part 30	62 FR 63634; (1/02/01)	1997-7	F ML003763184	N 2/1/01 ML010330318	5/27/00
★Deliberate Misconduct by Unlicensed Persons-Parts 30, 40, 61, 70, 71, 150	63 FR 1890; 63 FR 13773 (2/12/01)	1998-1	P ML022770200	N 10/18/02 ML022960258	
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>
Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations-Part 34	63 FR 37059; (7/9/01)	1998-4	F ML003763184	N 2/1/01 ML010330318	5/27/00

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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	P ML022770200	Y 10/18/02 ML022960258	5/27/00
Transfer for Disposal and Manifests: Minor Technical Conforming Amendment-Part 20	63 FR 50127; (11/20/01)	1998-6			12/15/98
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	P ML022770200	N 10/18/02 ML022960258	
★Energy Compensation Sources for Well Logging and Other Regulatory Clarifications-Part 39	65 FR 20337; (5/17/03)	2000-1	P ML022770200	N 10/18/02 ML022960258	
★New Dosimetry Technology-Parts 34, 36, 39	65 FR 63750; (1/8/04)	2000-2	P ML022770200	N 10/18/02 ML022960258	
★Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material - Parts 30, 31, 32	65 FR 79162; (2/16/04)	2001-1	P ML022770200	N 10/18/02 ML022960258	
Revision of the Skin Dose Limit -Part 20	67 FR 16298; (4/5/05)	2002-1			
Medical Use of Byproduct Material-Parts 20, 32, and 35	67 FR 20249; (4/24/05)	2002-2			

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 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