

TO: Licensees and Registrants

FROM: Julia Schmitt, Manager
Office of Radiological Health

DATE: March 15, 2013

SUBJECT: Newly Revised Nebraska Regulations for Control of Radiation

On February 24, 2013, changes to the Nebraska Regulations for Control of Radiation (Title 180) became effective. Changes were made to Chapters 1-4, 7, 10, 13, 15, and 21.

Many changes were required to meet compatibility provisions under the Agreement State status with the U.S. Nuclear Regulatory Commission (NRC). Additional changes were made for clarification and editing purposes.

A copy of the regulations is available for download at
http://dhhs.ne.gov/publichealth/Pages/puh_enh_rad_regs_regindex.aspx

The Citizenship Attestation was incorporated into applications and renewal forms as required by Nebraska law. A brief summary of some of changes is listed below.

Chapter 1 “General Provisions”

Some definitions were revised or added including revision to the definition of “by-product material”. This was required for compatibility with the Nuclear Regulatory Commission (NRC).

Chapter 2 “Registration of Radiation Generating Equipment Facilities and Services”

A category for non-medical services for radiation generating equipment was added to the Registration of Radiation Sources application form.

Chapter 3 “Licensing of Radioactive Material”

Changes were made to the regulations that govern the distribution of radioactive material and reporting requirements for licensees distributing the radioactive material to persons exempt from licensing. Obsolete provisions were deleted and some provisions were clarified. Modifications were made to the process for transferring a generally licensed device for use under a specific license. (NRC Compatibility)

Clarifications were made to the language that governs specific domestic licenses to manufacture or transfer certain items containing radioactive material. (NRC Compatibility)

Financial assurance and recordkeeping requirements for decommissioning were modified.

Appendix 3-B was amended to include Germanium-68 and Gold-195. Appendix 3-E was modified to include Radium-226.

NRH-5 Application for Radioactive Material License was modified to add a statement that an individual signing the application is authorized to make binding commitments and sign official documents on the behalf of the applicant.

Chapter 4 “Standards for Protection Against Radiation”

The regulations related to the reporting of annual dose to workers and the determination of cumulative occupational dose were amended. (NRC Compatibility)

Nitrogen-13 and Oxygen-15 were added to Appendix 4-B.

Chapter 7 “Medical Use of Radioactive Material”

Language governing specific domestic licenses to manufacture or transfer certain items containing radioactive material and medical use of radioactive material was modified. (NRC Compatibility)

Language was included that clarified that individuals authorized under the applicable regulations may also serve as preceptor and work experience supervisor of individuals seeking recognition on a license for the same use. (NRC Compatibility)

A statement was added to the NRH-7 Application for Radioactive Material License – Medical that an individual signing the application is authorized to make binding commitments and sign official documents on the behalf of the applicant.

Chapter 10 “Notice, Instructions and Reports to Workers: Inspections”

Licenseses must now provide an annual report to each individual monitored of the dose received in the monitoring year if the individual’s occupational dose exceeded 100 mrem or 100 mrem to any individual organ or tissue, in addition to when an individual requests their annual dose report. (NRC Compatibility)

Chapter 13 “Transportation of Radioactive Material”

A provision for foreign approved packages was added. Some language was added regarding the requirements for exclusive use shipments. (NRC compatibility)

Chapter 15 “Training and Experience Requirements for Use of Radiation Sources”

Training and experience for self-shielded irradiators was added.

Information about the Office of Radiological health including, forms, regulatory guides, fees, etc., can be found at <http://www.dhhs.ne.gov/rad/>

If you have any questions, you can contact the Office of Radiological Health at (402)471-2168, by FAX at (402)471-0169 or by email at DHHS.RadiationPrograms@nebraska.gov.