Rule Changes for Radioactive Material Licensees

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Overview

• Compatibility
• Major changes to the administrative code
• Questions
Compatibility

• Nuclear Regulatory Commission (NRC)
  o Promulgates rule
  o Registers through the Code of Federal Regulations (CFR)

• Department of Health Services
  o Implements within three years of CFR enactment
  o Uses license condition if appropriate
Compatibility

Compatibility A

- State program element should be identical
- Program elements are about basic radiation protection standards
Compatibility

Compatibility B

• Agreement state program element should be essentially the same

• Program element with transboundary implications
Compatibility

Compatibility C

• **Essential program element objectives should be adopted**

• **Manner in which objectives are addressed need not be the same as the NRC**
Major Changes

Addition of Wis. Admin. Code ch. DHS 157, subch. XV

• Title: “Physical Protections of Category 1 and Category 2 Quantities of Radioactive Material”
• Starts at § DHS 157.9700
• Definitions related to this subchapter were added to § DHS 157.03
Major Changes

- Applies to licensee with Category 1 and Category 2 material
- Changes who incidents should be reported to (State of Wisconsin vs. NRC)
Guidance Document

NRC currently has two guidance documents available:


Other Changes

• Specific licensees who distribute source material to persons who are generally licensed

• Lowered limits for shipping and receiving
  o No more than 1.5 kg (3.3 lbs.) of uranium and thorium in dispersible form
  o No more than 7 kg (15.4 lbs.) in any one calendar year

• Added additional requirements under § DHS 157.11(1)(a)
Other Changes

Specific requirements for licensees who are required to have a decommissioning funding plan

• § DHS 157.15
• Clarified that isotopes with a half life greater than 120 days should be used when calculating combinations of isotopes for the sum of the fractions
• Specific information needed to determine the cost estimate
Other Changes

Additional quality assurance requirements for Type B packages

- § DHS 157.94(6)
- More detail in what is required for the quality assurance program of certificate holder
Other Changes

- DHS § 157.09, “Exemptions”: Lowered percentage of source material to allow certain persons to be exempt from licensing
- Missed change: microcuries is sometimes written incorrectly as mCi
  - Inconsistencies between the PDF and web version
  - Becquerel SI unit is always correct
Corrections

• Inform the department of any other corrections that may need to be fixed.
• Email or phone call.
Questions?