



STATE OF ALABAMA DEPARTMENT OF  
**PUBLIC HEALTH**

Donald E. Williamson, MD  
State Health Officer

April 19, 2010

Terrence Reis, Deputy Director  
Division Materials Safety and State Agreements  
Office of Federal and State Materials and  
Environmental Management Programs  
U.S. Nuclear Regulatory Commission  
T8-E24  
Washington, D.C. 20555-0001

Dear Mr. Reis:

Enclosed is a copy of the revisions to the proposed Alabama Radiological Health Rules 420-3-26. The proposed revisions will be made available for public comment on April 19, 2010, with a request for comments by June 25, 2010. We request NRC's comments by June 21, 2010. The proposed regulations are identified by underline/strike-out text and correspond to the following equivalent amendments to NRC's regulations.

<b>Rats ID</b>	<b>Title</b>	<b>State Section</b>
2005-1	Security requirements for portable gauges	420-3-26-.02(12)(g)
2005-1	Schedule C	Schedule E of 420-3-26-.02
2006-1	Manufacture, preparation or transfer for commercial distribution of radioactive drugs containing byproduct material for medical use under Part 35	420-3-26-.02(10)(t)2.(ii)
2006-2	Serialization of nationally tracked sources	420-3-26-.02(10)(t)
2006-2	Appendix E of Part 20-Nationally tracked sources threshold	Appendix D of 420-3-26-.03
2006-3	Definition of Nationally tracked sources	420-3-26-.01(2)(a)67.
2006-3	Reports of transactions involving nationally tracked sources	420-3-26-.03(58.1)
2007-1	Manufacture, preparation or transfer for commercial distribution radioactive drugs containing byproduct material for medical use under part 35	420-3-26-.02(10)(t)2.(iii)
2007-1	Manufacture and distribution of sources or devices containing byproduct material for medical use	420-3-26-.02(10)(p)1.
2007-2	Exempt concentrations	420-3-26-.02(4)(a)
2007-2	Certain items containing byproduct material	420-3-26-.02(4)(b)

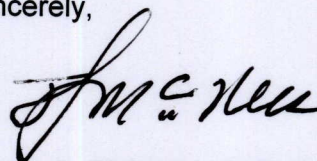
<b>RATS ID</b>	<b>Title</b>	<b>State Section</b>
2007-2	Resins containing scandium 46 and designated for sand consolidation in oil wells	420-3-26-.02(4)(c) [removed]
2007-2	Exempt quantities	420-3-26-.02(4)(e)
2007-3	Definition of Byproduct material	420-3-26-.01(2)(a)17.
2007-3	Definition of Discrete source	420-3-26-.01(2)(a)29.
2007-3	Definition of Waste	420-3-26-.01(2)(a)116.
2007-3	Appendix B of Part 20	N and O added to Appendix B of 420-3-26-.03
2007-3	Activities requiring license	420-3-26-.02(2)
2007-3	Certain items containing byproduct material	420-3-26-.02(4)(b)1.(viii)
2007-3	Application for specific licenses	420-3-26-.02(8)(g)
2007-3	Schedule C - Quantities of radioactive material requiring consideration of the need for an emergency plan for responding to a release	Schedule E of 420-3-26-.02 [added radium 226]
2007-3	General license for certain items and self-luminous products containing radium-226	420-3-26-.02(7)(c)
2007-3	Labeling of devices	420-3-26-.02(7)(e)4.
2007-3	Leak testing of each source	420-3-26-.02(7)(e)4(v)
2007-3	Manufacture, preparation, or transfer for commercial distribution of radioactive drugs, containing byproduct material for certain in vitro clinical or laboratory testing under general license	420-3-26-.02(10)(t)
2007-3	Definition of Positron emission tomography (PET) radionuclide production facility	420-3-26-.07(2)(bb)
2008-1	Definition of Total Effective Dose Equivalent (TEDE)	420-3-26-.03(3)(eeee)
2008-1	Occupational Dose Limits for Adults	420-3-26-.03(6)(c)2.
2008-1	Reports to Individuals of Exceeding Dose Limits	420-3-26-.10(4)(d)
2009-1	Training for Radiation Safety Officer	420-3-26-.07(26)(a)2.(ii)(II)
2009-1	Training for an authorized medical physicist	420-3-26-.07(27)(a)2(ii) and (b)2.
2009-1	Training for experienced Radiation Safety Officer, teletherapy or medical physicist, authorized medical physicist, authorized user, nuclear pharmacist, and authorized nuclear pharmacist.	420-3-26-.07(29)(c)
2009-1	Training for uptake, dilution, and excretion studies.	420-3-26-.07(47)(c)1.(ii) and (c)2.
2009-1	Training for imaging and localization studies	420-3-26-.07(51)(c)1.(ii) and (c)2.
2009-1	Training for use of unsealed byproduct material for which a written directive is required	420-3-26-.07(56)(b)1.(ii) and (b)2.
2009-1	Training for the oral administration of sodium iodide I-131 requiring a written directive in quantities less than or equal to 1.22 gigabecquerels (33 millicuries)	420-3-26-.07(57)(c)2. and 3.

RATS ID	Title	State Section
2009-1	Training for the oral administration of sodium iodide I-131 requiring a written directive in quantities greater than 1.22 gigabecquerels (33 millicuries)	420-3-26-.07(58)(c)2. and 3.
2009-1	Training for the parenteral administration of unsealed byproduct material requiring a written directive	420-3-26-.07(59)(d)2. and 3.
2009-1	Training for use of manual brachytherapy sources	420-3-26-.07(68)(b)1.(ii), (b)
2009-1	Training for ophthalmic use of strontium-90.	420-3-26-.07(69)(b)3.
2009-1	Training for use of remote afterloader units, teletherapy units, and gamma stereotatic radiosurgery units	420-3-26-.07(89)(b)1.(ii), (b)2. and (b)3.

We believe that adoption of these revisions satisfies the compatibility and health and safety categories established in the Office of Federal and State Materials and Environmental Programs (FSME) Procedure SA-200.

If you have any questions, please feel free to contact me at 334-206-5368 or David Walter of my staff at 334-206-5394 or david.walter@adph.state.al.us.

Sincerely,



James L. McNees, CHP Director  
Alabama Office of Radiation Control

Enclosures:  
As stated.