

August 10, 2006

Kirksey E. Whately, Director  
Office of Radiation Control  
State Department of Public Health  
201 Monroe Street  
P.O. Box 303017  
Montgomery, AL 36130-3017

Dear Mr. Whatley:

We have reviewed the final revision to the Alabama regulations 420-3-26, received by our office on July 17, 2006. These regulations were reviewed by comparison to the equivalent Nuclear Regulatory Commission (NRC) rules in 10 CFR Parts 20, 30, 31, 32, 34, 35, 36, 39, 40, and 70 and the requirements of the seven amendments identified in the enclosed State Regulation Status (SRS) Data Sheet. We discussed our review of the regulations with you on August 8, 2006.

As a result of our review, we have two comments that have been identified in the enclosure. Please note that we have limited our review to regulations required for compatibility and/or health and safety. We have determined that if these regulations are revised, incorporating our comments and without other significant change, they would meet the compatibility and health and safety categories established in the Office of State and Tribal Programs (STP) Procedure [SA-200](#).

We request that when you revise your regulations to address our comments, a copy of the "as published" regulations be provided to us for review. As requested in STP Procedure [SA-201](#), "Review of State Regulatory Requirements," please highlight the location of any changes made by Alabama, in response to our comments and provide a copy to STP.

The SRS Data Sheet summarizes our knowledge of the status of other Alabama 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 me, or Monica Orendi at 301-415-3938 or by e-mail at [mlo1@nrc.gov](mailto:mlo1@nrc.gov).

Sincerely,

***IRA By KNSchneider For***

Dennis K. Rathbun, Deputy Director  
Office of State and Tribal Programs

Enclosures:  
As stated

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As a result of our review, we have two comments that have been identified in the enclosure. Please note that we have limited our review to regulations required for compatibility and/or health and safety. We have determined that if these regulations are revised, incorporating our comments and without other significant change, they would meet the compatibility and health and safety categories established in the Office of State and Tribal Programs (STP) Procedure SA-200.

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Office of State and Tribal Programs

Enclosures: As stated

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**COMPATIBILITY COMMENTS ON ALABAMA FINAL REGULATIONS**

| STATE SECTION |                        | NRC SECTION | RATS ID | CATEGORY | SUBJECT and COMMENTS   |
|---------------|------------------------|-------------|---------|----------|--|
| 1             | 420-3-26-.02<br>(10t2) | § 32.72     | 2006-1  | B        | <p><b>Manufacture, preparation, or transfer for commercial distribution of radioactive drugs containing byproduct</b></p> <p>Alabama has omitted the reference to the section that matches the reference made to 10 CFR 35.59.</p> <p>Alabama needs to add a reference to section 420-3-26-.07(30) to section 10t 2(ii)(II) of this section to meet the Compatibility Category B designation assigned to 10 CFR 32.72.</p> |
| 2             | 420-3-26-.02<br>(10v1) | § 32.74     | 2006-1  | B        | <p><b>Manufacture and distribution of sources or devices containing byproduct material for medical use.</b></p> <p>Alabama omits the word [transmission] from its regulation.</p> <p>Alabama needs to add the word transmission to 420-3-26-.02 (10v1) to meet the Compatibility Category B designation assigned to 10 CFR 32.74.</p>  |

**STATE REGULATION STATUS**

**State: Alabama**

**Tracking Ticket Number: 6-199**

**[7 proposed license condition reviewed is identified by a ★ at the beginning of the equivalent NRC requirement.]**

**Date: Corrected as of 8/10/2006**

| <b>NRC Chronology Identification</b>   | <b>FR Notice (Date Due for State Implementation)</b>   | <b>RATS ID</b> | <b>Proposed (P) / Final (F)<sup>1</sup> Rule / License Condition (LC) ML #<sup>4</sup></b> | <b>NRC Review / Y, N<sup>2</sup> / Date / ML #<sup>4</sup></b> | <b>Final State Regulation<sup>1</sup> (Effective Date)</b> |
|--|--|----------------|--|--|--|
| Safety Requirements for Radiographic Equipment-Part 34   | 55 FR 843;<br>(1/10/94)  | 1991-1         | F  | N 4/2/94   | 4/22/94  |
| ANT Certification of Radiographers-Part 34   | 56 FR 11504;<br>(none)   | 1991-2         |  |  | Not required <sup>3</sup>                                  |
| Standards for Protection Against Radiation-Part 20   | 56 FR 23360;<br>56 FR 61352;<br>57 FR 38588;<br>57 FR 57877;<br>58 FR 67657;<br>59 FR 41641;<br>60 FR 20183;<br>(1/1/94) | 1991-3         | F  | N 11/19/97   | 12/21/93   |
| Notification of Incidents-Parts 20, 30, 31, 34, 39, 40, 70   | 56 FR 64980;<br>(10/15/94)   | 1991-4         | F  | N 4/2/94   | 4/22/94  |
| Quality Management Program and Misadministrations-Part 35  | 56 FR 34104;<br>(1/27/95)  | 1992-1         | F  | N 4/2/94   | 12/18/96   |
| Eliminating the Recordkeeping Requirements for Departures from Manufacturer's Instructions-Parts 30, 35                        | 57 FR 45566;<br>(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;<br>(10/25/96)   | 1993-1         | F  | N 6/5/98   | 3/18/98  |
| Licensing and Radiation Safety Requirements for Irradiators-Part 36  | 58 FR 7715;<br>(7/1/96)  | 1993-2         | F  | N 6/5/98   | 3/18/98  |
| Definition of Land Disposal and Waste Site QA Program-Part 61  | 58 FR 33886;<br>(7/22/96)  | 1993-3         |  |  | Not Applicable<br>SECY-95-112 <sup>4</sup>                 |
| Self-Guarantee as an Additional Financial Mechanism-Parts 30, 40, 70   | 58 FR 68726;<br>59 FR 1618<br>(none)   | 1994-1         | F  | N 6/5/98   | 3/18/98  |
| Uranium Mill Tailings Regulations: Conforming NRC Requirements to EPA Standards-Part 40  | 59 FR 28220;<br>(7/1/97)   | 1994-2         |  |  | Not Applicable to AL                                       |
| Timeliness in Decommissioning Material Facilities-Parts 30, 40, 70   | 59 FR 36026;<br>(8/15/97)  | 1994-3         | F  | N 6/5/98   | 3/18/98  |

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|--|---|---------|---|---|--|
| Preparation, Transfer for Commercial Distribution, and Use of Byproduct Material for Medical Use-Parts 30, 32, 35        | 59 FR 61767;<br>59 FR 65243<br>60 FR 322;<br>(1/1/98) | 1995-1  | F   | N 6/5/98  | 3/18/98  |
| Frequency of Medical Examinations for Use of Respiratory Protection Equipment-Part 20                                    | 60 FR 7900;<br>(3/13/98)                              | 1995-2  | F   | N 6/5/98  | 3/18/98  |
| Low-Level Waste Shipment Manifest Information and Reporting-Parts 20, 61   | 60 FR 15649;<br>60 FR 25983<br>(3/1/98)               | 1995-3  | F   | N 6/5/98  | 3/18/98  |
| Performance Requirements for Radiography Equipment-Part 34   | 60 FR 28323;<br>(6/30/98)                             | 1995-4  | F   |   | Superseded by 62 FR 28948 due 6/27/00                |
| Radiation Protection Requirements: Amended Definitions and Criteria-Parts 19, 20   | 60 FR 36038;<br>(8/14/98)                             | 1995-5  | F   | N 6/5/98  | 3/18/98  |
| Clarification of Decommissioning Funding Requirements-Parts 30, 40, 70   | 60 FR 38235;<br>(11/24/98)                            | 1995-6  | F   | N 6/5/98  | 3/18/98  |
| Medical Administration of Radiation and Radioactive Materials-Parts 20, 35   | 60 FR 48623;<br>(10/20/98)                            | 1995-7  | F   | N 8/29/00   | 5/25/00  |
| 10 CFR Part 71: Compatibility with the International Atomic Energy Agency-Part 71  | 60 FR 50248;<br>61 FR 28724<br>(4/1/99)               | 1996-1  | F   | N 8/29/00   | 5/25/00  |
| One Time Extension of Certain Byproduct, Source and Special Nuclear Materials Licenses-Parts 30, 40, 70                  | 61 FR 1109;<br>(none)                                 | 1996-2  |   |   | Not required <sup>3</sup>                            |
| Termination or Transfer of Licensed Activities: Record keeping Requirements-Parts 20, 30, 40, 61, 70                     | 61 FR 24669;<br>(6/17/99)                             | 1996-3  | F   | N 8/29/00   | 5/25/00  |
| Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act-Part 20                      | 61 FR 65120;<br>(1/9/00)                              | 1997-1  | F   | N 8/29/00   | 5/25/00  |
| Recognition of Agreement State Licenses in Areas Under Exclusive Federal Jurisdiction Within an Agreement State-Part 150 | 62 FR 1662;<br>(2/27/00)                              | 1997-2  | F   | N 8/29/00   | 5/25/00  |

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|---|--|----------------|--|--|--|
| Criteria for the Release of Individuals Administered Radioactive Material-Parts 20, 35  | 62 FR 4120;<br>(5/29/00)                             | 1997-3         | F  | N 8/29/00  | 5/25/00  |
| Fissile Material Shipments and Exemptions-Part 71   | 62 FR 5907;<br>(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;<br>(6/27/00)                            | 1997-5         | F  | N 8/29/00  | 5/25/00  |
| Radiological Criteria for License Termination-Parts 20, 30, 40, 70  | 62 FR 39057;<br>(8/20/00)                            | 1997-6         | F  | N 8/29/00  | 5/25/00  |
| Exempt Distribution of a Radioactive Drug Containing One Micro curie of Carbon-14 Urea-Part 30                                    | 62 FR 63634;<br>(1/02/01)                            | 1997-7         | F  | N 6/5/98   | 3/18/98  |
| Deliberate Misconduct by Unlicensed Persons-Parts 30, 40, 61, 70, 71, 150   | 63 FR 1890;<br>63 FR 13773<br>(2/12/01)              | 1998-1         | F  | N 10/1/01  | 8/16/01  |
| Self-Guarantee of Decommissioning Funding by Nonprofit and Non-Bond-Issuing Licensees- Parts 30, 40, 70                           | 63 FR 29535;<br>(none)                               | 1998-2         |  |  | Not required <sup>3</sup>                                  |
| License Term for Medical Use Licenses-Part 35   | 63 FR 31604;<br>(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;<br>(7/9/01)                             | 1998-4         | F  | N 8/29/00  | 5/25/00  |
| Minor Corrections, Clarifying Changes, and a Minor Policy Change-Parts 20, 35, 36   | 63 FR 39477;<br>63 FR 45393<br>(10/26/01)            | 1998-5         | F  | N 8/29/00  | 5/25/00  |
| Transfer for Disposal and Manifests: Minor Technical Conforming Amendment-Part 20   | 63 FR 50127;<br>(11/20/01)                           | 1998-6         | F  | N 8/29/00  | 5/25/00  |
| Radiological Criteria for License Termination of Uranium Recovery Facilities-Part 40  | 64 FR 17506;<br>(6/11/02)                            | 1999-1         |  |  | Not Applicable to AL                                       |

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|--|---|---------|---|---|--|
| 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  | F<br>ML021090092  | N 4/25/02<br>ML021160517                                  | 4/17/05  |
| ★ Energy Compensation Sources for Well Logging and Other Regulatory Clarifications-Part 39   | 65 FR 20337; (5/17/03)                        | 2000-1  | F<br>ML061720127  | N 8/10/06<br>ML062220014                                  |  |
| ★ New Dosimetry Technology-Parts 34, 36, 39  | 65 FR 63750; (1/8/04)                         | 2000-2  | F<br>ML061720127  | N 8/10/06<br>ML062220014                                  |  |
| ★ Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material - Parts 30, 31, 32                    | 65 FR 79162; (2/16/04)                        | 2001-1  | F<br>ML061720127  | N 8/10/06<br>ML062220014                                  |  |
| Revision of the Skin Dose Limit -Part 20   | 67 FR 16298; (4/5/05)                         | 2002-1  | F<br>ML052940420  | N 11/8/05<br>ML053120389                                  | 4/17/05  |
| ★ Medical Use of Byproduct Material-Parts 20, 32, and 35   | 67 FR 20249; (10/24/05)                       | 2002-2  | F<br>ML061720127  | N 8/10/06<br>ML062220014                                  |  |
| ★ Financial Assurance for Materials Licensees – Parts 30, 40, 70   | 68 FR 57327; (12/3/06)                        | 2003-1  | F<br>ML061720127  | N 8/10/06<br>ML062220014                                  |  |
| Compatibility With IAEA Transportation Safety Standards and Other Transportation Safety Amendments – Part 71.                        | 69 FR 3697; (10/01/07)                        | 2004-1  |   |   |  |
| Security Requirements for Portable Gauges Containing Byproduct Material - Part 30  | 70 FR 2001; (7/11/08)                         | 2005-1  |   |   |  |
| ★ Medical Use of Byproduct Material - Recognition of Specialty Boards - Part 35  | 70 FR 16336; 71 FR 1926 (4/29/08)             | 2005-2  | F<br>ML061720127  | N 8/10/06<br>ML062220014                                  |  |
| Increased Controls for Risk-Significant Radioactive Sources (NRC Order EA-05-090) <sup>6</sup>                                       | 70 FR 72128; (12/1/05)                        | 2005-3  | LC<br>ML052570218   | N 09/15/05<br>ML052620319                                 |  |

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|---|---|---------|---|---|--|
| ★Minor Amendments-Parts 20, 30, 32, 35, 40 and 70 | 71 FR 15005 (3/27/09)                         | 2006-1  | F<br>ML061720127  | Y 8/10/06<br>ML062220014                                  |  |

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 the regulation. See: "Final Policy Statement on Adequacy and Compatibility of Agreement State Programs," III.1.Time From 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.