



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

September 26, 2018

Mr. Todd Carpenter, Program Manager
Radiation Protection Service
Oregon Public Health Division
Oregon Health Authority
800 NE Oregon Street, Suite 640
Portland, OR 97232

Dear Mr Carpenter:

We have reviewed the final revisions to the Oregon Administrative Rules relating to chapter 333, division 120, Standards for Protection Against Radiation received by our office on August 30, 2018. These regulations were reviewed by comparison to the equivalent U.S. Nuclear Regulatory Commission (NRC) rules and the requirements of Regulation Amendment Tracking System Identification Number (RATS ID) 2013-2, as identified in the enclosed State Regulation Status (SRS) Data Sheet. We discussed our review of the regulations with you on September 25, 2018..

As a result of our review, we have no comments. Please note that we have limited our review to regulations required for compatibility and/or health and safety. We have determined that the regulations, as adopted, meet the compatibility and health and safety categories established in the Office of Nuclear Material Safety and Safeguards (NMSS) Procedure SA-200, "Compatibility Categories and Health and Safety Identification for NRC Regulations and Other Program Elements."

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 Michelle Beardsley, State Regulation Review Coordinator, at (267) 884-2305 (Michelle.Beardsley@nrc.gov).

Sincerely,

*/RA/
PMichalak for SAtack*

Sabrina Atack, Acting Deputy Director
Division of Materials Security, Safety, State,
and Tribal Programs
Office of Nuclear Material Safety
and Safeguards

Enclosure:
Oregon SRS Data Sheet

T. Carpenter

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SUBJECT: 09/26/2018 Letter to T. Carpenter, re: Oregon Final Regulations to RATS
IDs 2013-2

DISTRIBUTION: SP 08

DIR RF 18-53

BTharakan, RSAO

Oregon File

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|--------|------------|---------|-----------|-------------------------|
| OFFICE | ASPB | OGC | ASPB:BC | MSTR:DD |
| NAME | MBeardsley | TBarczy | PMichalak | PMichalak for SAtack |
| DATE | 9/17/18 | 9/25/18 | 9/26/18 | 9/26/18 |

ML18260A251

OFFICIAL RECORD COPY

Package ML18248A090

REGULATION STATUS

State: Oregon

Tracking Ticket Number: 18-53

Date: 09/26/2018

[1 amendment(s) reviewed identified by a * at the beginning of the equivalent NRC requirement.]

| RATS ID | NRC Chronology Identification | Date Due for State Adoption | Incoming Letter | Outgoing Package | Notes |
|---------|--|-----------------------------|----------------------|--|--|
| 1991-1 | Safety Requirements for Radiographic Equipment Part 34 55 FR 843 (Superseded by 1997-5) | 01/10/1994 | Final ML023450397 | No Comments 01/23/2003 ML030240463 | Oregon has adopted Final Regulations equivalent to RATS ID: 1997-5. |
| 1991-2 | ASNT Certification of Radiographers Part 34 56 FR 11504 (Superseded by 1997-5) | none | Not Required | Not Required | Oregon has adopted Final Regulations equivalent to RATS ID: 1997-5. |
| 1991-3 | 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 | 01/01/1994 | Final | No Comments 11/13/1997 | |
| 1991-4 | Notification of Incidents Parts 20, 30, 31, 34, 39, 40 and 70 56 FR 64980 | 10/15/1994 | Final ML023450397 | No Comments 01/23/03 ML030240463 | |
| 1992-1 | Quality Management Program and Misadministrations Part 35 56 FR 34104 (Superseded by 2002-2) | 01/27/1995 | Final ML023450397 | No Comments 01/23/2003 ML030240463 | Oregon has adopted Final Regulations equivalent to RATS ID: 2002-2. |
| 1992-2 | Eliminating the Recordkeeping Requirements for Departures from Manufacturer's Instructions Parts 30 and 35 57 FR 45566 | none | Not Required | Not Required | These regulation changes are not required to be adopted for purposes of Compatibility. |

Enclosure

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|---------|--|-----------------------------|----------------------|--|--|
| 1993-1 | Decommissioning Recordkeeping and License Termination: Documentation Additions [Restricted areas and spill sites] Parts 30 and 40 58 FR 39628 | 10/25/1996 | Final ML023450397 | No Comments 01/23/2003 ML030240463 | |
| 1993-2 | Licensing and Radiation Safety Requirements for Irradiators Part 36 58 FR 7715 | 07/01/1996 | Final ML023450397 | No Comments 01/23/2003 ML030240463 | |
| 1993-3 | Definition of Land Disposal and Waste Site QA Program Part 61 58 FR 33886 | 07/22/1996 | Final ML100600750 | No Comments 04/15/2010 ML100850065 | |
| 1994-1 | Self-Guarantee as an Additional Financial Mechanism Parts 30, 40 and 70 58 FR 68726; 59 FR 1618 | none | Not Required | Not Required | These regulation changes are not required to be adopted for purposes of Compatibility. |
| 1994-2 | Uranium Mill Tailings Regulations: Conforming NRC Requirements to EPA Standards Part 40 59 FR 28220 | 07/01/1997 | Not Applicable | Not Applicable | Oregon does not have authority to regulate this material under its Agreement. |
| 1994-3 | Timeliness in Decommissioning Material Facilities Parts 30, 40 and 70 59 FR 36026 | 08/15/1997 | Final ML023450397 | No Comments 01/23/2003 ML030240463 | |
| 1995-1 | Preparation, Transfer for Commercial Distribution, and Use of Byproduct Material for Medical Use Parts 30, 32 and 35 59 FR 61767; 59 FR 65243; 60 FR 322 | 01/01/1998 | Final ML023450397 | No Comments 01/23/2003 ML030240463 | |

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|---------|---|-----------------------------|--|---|---|
| 1995-2 | Frequency of Medical Examinations for Use of Respiratory Protection Equipment Part 20 60 FR 7900 | 03/13/1998 | Final ML17234A352 Revised Final ML18236A771 | Comment 09/18/2017 ML17234A351 Comment 8/31/2018 ML18238A770 | |
| 1995-3 | Low-Level Waste Shipment Manifest Information and Reporting Parts 20 and 61 60 FR 15649; 60 FR 25983 | 03/01/1998 | Final ML023450397 | No Comments 01/23/2003 ML030240463 | |
| 1995-4 | Performance Requirements for Radiography Equipment Part 34 60 FR 28323 (Superceded by 1997-5) | 06/30/1998 | Final ML023450397 | No Comments 01/23/2003 ML030240463 | Oregon has adopted Final Regulations equivalent to RATS ID: 1997-5. |
| 1995-5 | Radiation Protection Requirements: Amended Definitions and Criteria Parts 19 and 20 60 FR 36038 | 08/14/1998 | Final ML071870477 | No Comments 09/04/2007 ML072470108 | |
| 1995-6 | Clarification of Decommissioning Funding Requirements Parts 30, 40 and 70 60 FR 38235 | 11/24/1998 | Final ML063110122 | No Comments 12/21/2006 ML070030381 | |
| 1995-7 | Medical Administration of Radiation and Radioactive Materials Parts 20 and 35 60 FR 48623 (Superceded by 2002-2 and 2005-2) | 10/20/1998 | Final ML063110122 | No Comments 12/21/2006 ML070030381 | Oregon has adopted Final Regulations equivalent to RATS IDs: 2002-2 and 2005-2. |

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|---------|---|-----------------------------|----------------------|--|--|
| 1996-1 | Compatibility with the International Atomic Energy Agency Part 71 60 FR 50248; 61 FR 28724 (Superseded by 2004-1) | 04/01/1999 | Final ML071870477 | No Comments 09/04/2007 ML072470108 | Oregon has not yet adopted Final Regulations equivalent to RATS ID: 2004-1. |
| 1996-2 | One Time Extension of Certain Byproduct, Source and Special Nuclear Materials Licenses Parts 30, 40 and 70 61 FR 1109 | 02/15/1999 | Not Required | Not Required | These regulation changes are not required to be adopted for purposes of Compatibility. |
| 1996-3 | Termination or Transfer of Licensed Activities: Record Keeping Requirements Parts 20, 30, 40, 61 and 70 61 FR 24669 | 06/17/1999 | Final ML023450397 | No Comments 01/23/2003 ML030240463 | |
| 1997-1 | Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act Part 20 61 FR 65120 | 01/9/2000 | Final ML071870477 | No Comments 09/04/2007 ML072470108 | |
| 1997-2 | Recognition of Agreement State Licenses in Areas Under Exclusive Federal Jurisdiction Within an Agreement State Part 150 62 FR 1662 | 02/27/2000 | Final ML023450397 | No Comments 01/23/2003 ML030240463 | |
| 1997-3 | Criteria for the Release of Individuals Administered Radioactive Material Parts 20 and 35 62 FR 4120 | 05/29/2000 | Final ML023450397 | No Comments 01/23/2003 ML030240463 | |

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|---------|--|-----------------------------|----------------------|--|---|
| 1997-4 | Fissile Material Shipments and Exemptions Part 71 62 FR 5907 (Superseded by 2004-1) | 02/10/2000 | Not Required | Not Required | These regulation changes are not required to be adopted for purposes of Compatibility. (See STP-97-078) |
| 1997-5 | Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiography Operations Parts 30, 34, 71 and 150 62 FR 28947 | 06/27/2000 | Final ML073390164 | No Comments 12/20/2007 ML073540058 | |
| 1997-6 | Radiological Criteria for License Termination Parts 20, 30, 40 and 70 62 FR 39057 | 08/20/2000 | Final ML023450397 | No Comments 01/23/2003 ML030240463 | |
| 1997-7 | Exempt Distribution of a Radioactive Drug Containing One Microcurie of Carbon-14 Urea Part 30 62 FR 63634 | 01/02/2001 | Final ML063110122 | No Comments 12/21/2006 ML070030381 | |
| 1998-1 | Deliberate Misconduct by Unlicensed Persons Parts 30, 40, 61, 70, 71 and 150 63 FR 1890; 63 FR 13773 | 02/12/2001 | Final ML023450397 | No Comments 01/23/2003 ML030240463 | |
| 1998-2 | Self-Guarantee of Decommissioning Funding by Nonprofit and Non-Bond-Issuing Licensees Parts 30, 40 and 70 63 FR 29535 | 07/01/2001 | Not Required | Not Required | These regulation changes are not required to be adopted for purposes of Compatibility. |

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|---------|--|-----------------------------|----------------------|--|--|
| 1998-3 | License Term for Medical Use Licenses Part 35 63 FR 31604 (Superceded by 2002-2) | 07/10/2001 | Not Required | Not Required | These regulation changes are not required to be adopted for purposes of Compatibility. (See STP-98-074) Oregon has adopted Final Regulations equivalent to RATS ID: 2002-2. |
| 1998-4 | Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations Part 34 63 FR 37059 | 07/09/2001 | Final ML023450397 | No Comments 01/23/2003 ML030240463 | |
| 1998-5 | Minor Corrections, Clarifying Changes, and a Minor Policy Change Parts 20, 32, 35, 36 and 39 63 FR 39477; 63 FR 45393 | 10/26/2001 | Final ML073390164 | No Comments 12/20/2007 ML073540058 | |
| 1998-6 | Transfer for Disposal and Manifests: Minor Technical Conforming Amendment Part 20 63 FR 50127 | 11/20/2001 | Final ML063110122 | No Comments 12/21/2006 ML070030381 | |
| 1999-1 | Radiological Criteria for License Termination of Uranium Recovery Facilities Part 40 64 FR 17506 | 06/11/2002 | Not Applicable | Not Applicable | Oregon does not have authority to regulate this material under its Agreement. |
| 1999-2 | Requirements for Those Who Possess Certain Industrial Devices Containing Byproduct Material to Provide Requested Information Part 31 64 FR 42269 | 10/04/2002 | Not Required | Not Required | These regulation changes are not required to be adopted for purposes of Compatibility. |

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|----------------|--|------------------------------------|------------------------|--|--------------|
| 1999-3 | Respiratory Protection and Controls to Restrict Internal Exposure Part 20 64 FR 54543; 64 FR 55524 | 02/02/2003 | Final ML102780374 | No Comments 10/20/2010 ML102780421 | |
| 2000-1 | Energy Compensation Sources for Well Logging and Other Regulatory Clarifications Part 39 65 FR 20337 | 05/17/2003 | Final ML071870477 | No Comments 09/04/2007 ML072470108 | |
| 2000-2 | New Dosimetry Technology Parts 34, 36 and 39 65 FR 63750 | 01/08/2004 | Final ML063110122 | No Comments 12/21/2006 ML070030381 | |
| 2001-1 | Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material Parts 30, 31 and 32 65 FR 79162 | 02/16/2004 | Final ML14184B057 | No Comments 07/30/2014 ML14183B696 | |
| 2002-1 | Revision of the Skin Dose Limit Part 20 67 FR 16298 | 04/05/2005 | Final ML063110122 | No Comments 12/21/2006 ML070030381 | |
| 2002-2 | Medical Use of Byproduct Material Parts 20, 32 and 35 67 FR 20249 | 10/24/2005 | Final ML063110122 | No Comments 12/21/2006 ML070030381 | |
| 2003-1 | Financial Assurance for Materials Licensees Parts 30, 40 and 70 68 FR 57327 | 12/03/2006 | Final ML063110122 | No Comments 12/21/2006 ML070030381 | |

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|---------|---|-----------------------------|----------------------------------|--|-------|
| 2004-1 | Compatibility With IAEA Transportation Safety Standards and Other Transportation Safety Amendments Part 71 69 FR 3697 | 10/01/2007 | Final ML13042A212 | No Comments 03/12/2013 ML13052A447 | |
| 2005-1 | Security Requirements for Portable Gauges Containing Byproduct Material Part 30 70 FR 2001 | 07/11/2008 | Final ML063110122 | No Comments 12/21/2006 ML070030381 | |
| 2005-2 | Medical Use of Byproduct Material - Recognition of Specialty Boards Part 35 70 FR 16336; 71 FR 1926 | 04/29/2008 | Final ML063110122 | No Comments 12/21/2006 ML070030381 | |
| 2005-3 | Increased Controls for Risk-Significant Radioactive Sources (NRC Order EA-05-090) 70 FR 72128 | 12/01/2005 | License Condition ML052870028 | No Comments 10/18/2005 ML052930002 | |
| 2006-1 | Minor Amendments Parts 20, 30, 32, 35, 40 and 70 71 FR 15005 | 03/27/2009 | Final ML100600750 | No Comments 04/15/2010 ML100850065 | |
| 2006-2 | National Source Tracking System - Serialization Requirements Part 32 with reference to Part 20 Appendix E 71 FR 65685 | 02/06/2007 | R ² ML083570002 | No Comments 01/13/2009 ML083570028 | |

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|---------|--|-----------------------------|---|--|-------|
| 2006-3 | National Source Tracking System Part 20 71 FR 65685, 72 FR 59162 | 01/31/2009 | R ² ML083570002 License Condition ML083660132 | No Comments 01/13/2009 ML083570028 No Comments 01/22/2009 ML090120206 | |
| 2007-1 | Medical Use of Byproduct Material - Minor Corrections and Clarifications Parts 32 and 35 72 FR 45147, 54207 | 10/29/2010 | Final ML14266A010 | No Comments 10/08/2014 ML14258B144 | |
| 2007-2 | Exemptions From Licensing, General Licenses, and Distribution of Byproduct Material: Licensing and Reporting Requirements Parts 30, 31, 32 and 150 72 FR 58473 | 12/17/2010 | Final ML100600750 | No Comments 04/15/2010 ML100850065 | |
| 2007-3 | Requirements for Expanded Definition of Byproduct Material Parts 20, 30, 31, 32, 33, 35, 61 and 150 72 FR 55864 | 11/30/2010 | Final ML112920054 | No Comments 12/14/2011 ML113111389 | |
| 2007-4 | Order Imposing Fingerprinting Requirements and Criminal History Records Check Requirements for Unescorted Access to Certain Radioactive Material NRC Order EA-07-305 72 FR 70901 | 06/05/2008 | License Condition ML080790556 | No Comments 03/27/2008 ML080870332 | |
| 2008-1 | Occupational Dose Records, Labeling Containers, and Total Effective Dose Equivalent Parts 19 and 20 72 FR 68043 | 02/15/2011 | Final ML112920056 | No Comments 12/14/2011 ML113111389 | |

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|----------------|--|------------------------------------|---|--|--------------|
| 2009-1 | Medical Use of Byproduct Material – Authorized User Clarification Part 35 74 FR 33901 | 09/28/2012 | Final ML14266A010 | No Comments 10/08/2014 ML14258B144 | |
| 2011-1 | Decommissioning Planning Parts 20, 30, 40 and 70 76 FR 35512 | 12/17/2015 | Proposed ML14226A139 Final ML17234A352 | Comments 10/17/2014 ML14225A662 Comments 09/18/2017 ML17234A351 | |
| 2011-2 | Licenses, Certifications, and Approvals for Materials Licensees Parts 30, 36, 39, 40, 70 and 150 76 FR 56951 | 11/14/2014 | Proposed ML14191A222 Final ML15057A528 | No Comments 08/13/2014 ML14189A008 No Comments 03/23/2015 ML15057A516 | |
| 2012-1 | Change of Compatibility Parts 31.5 and 31.6 (See RATS ID: 2001-1 for Rule text) 77 FR 3640 | 01/25/2015 | Final ML14184B057 | No Comments 07/30/2014 ML14183B696 | |

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|---------|---|-----------------------------|---|---|-------|
| 2012-2 | Advance Notification to Native American Tribes of Transportation of Certain Types of Nuclear Waste Part 71 77 FR 34194 | 08/10/2015 | Proposed ML13364A278 Final ML15057A528 Revised Final ML15313A285 | No Comments 03/07/2014 ML13364A270 Comments 03/23/2015 ML15057A516 No Comments 12/21/2015 ML15313A282 | |
| 2012-3 | Technical Corrections Parts 30, 34, 40 and 71 77 FR 39899 | 08/06/2015 | Proposed ML15092A201 Final ML15313A285 | No Comments 04/13/2015 ML15092A196 No Comments 12/21/2015 ML15313A282 | |
| 2012-4 | Requirements for Distribution of Byproduct Material Parts 30, 31, 32, 40 and 70 77 FR 43666 | 10/23/2015 | Proposed ML15148A492 Final ML15313A285 | No Comments 06/16/2015 ML15148A491 No Comments 12/21/2015 ML15313A282 | |

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|---------|---|-----------------------------|---|---|-------|
| 2013-1 | Physical Protection of Byproduct Material, Parts 20, 30, 32, 33, 34, 35, 36, 37, 39 and 71 78 FR 16922 | 03/19/2016 | Proposed ML15121A861 Final ML15313A358 Revised Final ML16292A627 Revised Final ML17073A124 | No Comments 05/20/2015 ML15121A853 Comments 12/10/2015 ML15313A356 Comments 11/18/2016 ML16292A625 No Comment 05/01/2017 ML17073A122 | |

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|---------|---|-----------------------------|---|---|-------|
| *2013-2 | Distribution of Source Material to Exempt Persons and to General Licensees and Revision of General License and Exemptions, Parts 30, 40 and 70 78 FR 32310 | 08/27/2016 | Proposed ML15168A139 Final ML15313A358 Revised Final ML16292A627 Revised Final ML17073A124 Revised Final ML18248A218 | No Comments 07/06/2015 ML15168A114 Comments 12/10/2015 ML15313A356 Comments 11/18/2016 ML16292A625 Comments 05/01/2017 ML17073A122 No Comments 09/26/2018 ML18248A090 | |
| 2015-1 | Domestic Licensing of Special Nuclear Material – Written Reports and Clarifying Amendments Part 70 79 FR 57721, 80 FR 143 | 01/26/2018 | Proposed ML17090A222 Final ML17325B520 | No Comments 05/04/2017 ML17090A221 No Comments 12/20/2017 ML17325B478 | |

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|---------|--|--|---|---|-------|
| 2015-2 | Safeguards Information - Modified Handling Categorization, Change for Materials Facilities Parts 30, 37, 73 and 150 79 FR 58664, 80 FR 3865 | 01/28/2018 | Proposed ML17090A222 Final ML17325B520 Revised Final ML18239A373 | Comments 05/04/2017 ML17090A221 Comment 12/20/2017 ML17325B478 No Comment 8/31/2018 ML18239367 | |
| 2015-3 | Revisions to Transportation Safety Requirements and Harmonization with International Atomic Energy Agency Transportation Requirements Part 71 80 FR 33987 | 07/13/2018 *extended to 08/15/2020 See STC 17-060 | Proposed ML17090A222 Final ML17325B520 Revised Final ML18239A373 | Comments 05/04/2017 ML17090A221 Comments 12/20/2017 ML17325B478 Comment 8/31/2018 ML18239367 | |
| 2015-4 | Miscellaneous Corrections, Parts 37 and 40 80 FR 45841 | 09/02/2018 | Proposed ML17090A222 Final ML17325B520 | No Comments 05/04/2017 ML17090A221 No Comments 12/20/2017 ML17325B478 | |

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|---------|--|-----------------------------|-----------------|------------------|-------|
| 2015-5 | Miscellaneous Corrections, Parts 19, 20, 30, 32, 37, 40, 61, 70, 71 and 150 80 FR 74974 | 12/31/2018 | | | |
| 2018-1 | Medical Use of Byproduct Material – Medical Event Definitions, Training and Experience, and Clarifying Amendments, Parts 30, 32 and 35 | 01/14/2022 | | | |