



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

January 3, 2019

Mr. Gonzalo L. Perez, Chief  
Radiologic Health Branch  
Division of Food, Drug & Radiation Safety  
California Department of Health Services  
P.O. Box 997414, MS-7610  
Sacramento, CA 95899-7414

Dear Mr. Perez:

We have reviewed the proposed revisions to the California Radiation Control Regulations, received by our office on November 16, 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 Numbers (RATS IDs) 2012-2, 2012-3, 2013-1, 2015-1, 2015-2, 2015-3, 2015-4, and 2015-5 as identified in the enclosed State Regulation Status (SRS) Data Sheet. We discussed our review of the regulations with Phillip Scott on December 28, 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 proposed, 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." We request that when the proposed regulations are adopted and published as final regulations, a copy of the "as published" regulations be provided to us for review. As requested in NMSS Procedure SA-201, "Review of State Regulatory Requirements," please highlight any final changes and provide a copy to Division of Materials Safety, Security, State, and Tribal Programs, NMSS.

The SRS Data Sheet summarizes our knowledge of the status of other California 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 NMSS State Communication Portal: <https://scp.nrc.gov/rulemaking.html>.

If you have any questions regarding the review results, 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 (301) 415-0275 ([Michelle.Beardsley@nrc.gov](mailto:Michelle.Beardsley@nrc.gov)) or Joe O'Hara at (301) 415-6854 ([Joe.OHara@nrc.gov](mailto:Joe.OHara@nrc.gov)).

Sincerely,

/Robert K Johnson for/

Kevin Williams, Deputy Director  
Division of Materials Safety, Security, State,  
and Tribal Programs  
Office of Nuclear Material Safety  
and Safeguards

Enclosure:  
California SRS Data Sheet

**STATE REGULATION STATUS**

State: California

Tracking Ticket Number: 19-02

Date: January 3, 2019

[ # 8 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 <b>(Superceded by 1997-5)</b>	01/10/1994	Not Required	Not Required	California has adopted Final Regulations equivalent to RATS ID: 1997-5.
1991-2	ASNT Certification of Radiographers Part 34 56 FR 11504 <b>(Superceded by 1997-5)</b>	none	Not Required	Not Required	California 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 ML020030346	No Comments 03/18/2002 ML020780186	
1991-4	Notification of Incidents Parts 20, 30, 31, 34, 39, 40 and 70 56 FR 64980	10/15/1994	Final	No Comments 04/01/1998	
1992-1	Quality Management Program and Misadministrations Part 35 56 FR 34104 <b>(Superceded by 2002-2)</b>	01/27/1995	Final ML103050179	No Comments 01/05/2011 ML103340424	
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 ML112970300	No Comments 01/20/2012 ML113330808	
1993-2	Licensing and Radiation Safety Requirements for Irradiators Part 36 58 FR 7715	07/01/1996	License Condition ML051670371	No Comments 07/01/2005 ML051810407	
1993-3	Definition of Land Disposal and Waste Site QA Program Part 61 58 FR 33886	07/22/1996	Not Applicable <sup>i</sup>	Not Applicable	California does not have any licensees subject to these regulations (See SECY-95-112)
1994-1	Self-Guarantee as an Additional Financial Mechanism Parts 30, 40 and 70 58 FR 68726; 59 FR 1618	none	Final	No Comments 04/01/1998	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	California 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 ML16034A230	Comments 05/24/16 ML16034A225	
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	No Comments 11/16/1999	

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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 ML020030346	No Comments 03/18/2002 ML020780186	
1995-3	Low-Level Waste Shipment Manifest Information and Reporting Parts 20 and 61 60 FR 15649; 60 FR 25983	03/01/1998	Final ML020030346	No Comments 03/18/2002 ML020780186	
1995-4	Performance Requirements for Radiography Equipment Part 34 60 FR 28323 <b>(Superseded by 1997-5)</b>	06/30/1998	Not Required	Not Required	California 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 ML020030346	No Comments 03/18/2002 ML020780186	
1995-6	Clarification of Decommissioning Funding Requirements Parts 30, 40 and 70 60 FR 38235	11/24/1998	Final	No Comments 04/01/1998	
1995-7	Medical Administration of Radiation and Radioactive Materials Parts 20 and 35 60 FR 48623 <b>(Superseded by 2002-2 and 2005-2)</b>	10/20/1998	Final ML103050179  Final ML103550423	No Comments 01/05/2011 ML103340411  No Comments 02/14/2011 ML110120070	Part 35 only   Part 20 only

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1996-1	Compatibility with the International Atomic Energy Agency Part 71 60 FR 50248; 61 FR 28724 <b>(Superceded by 2004-1)</b>	04/01/1999	Final ML091240053	No Comments 06/11/2009 ML091470300	California has 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: Recordkeeping Requirements Parts 20, 30, 40, 61 and 70 61 FR 24669	06/17/1999	Final ML020030346	No Comments 03/18/2002 ML020780186	
1997-1	Resolution of Dual Regulation of Airborne Effluents of Radioactive Materials; Clean Air Act Part 20 61 FR 65120	01/9/2000	Final ML020030346	No Comments 03/18/2002 ML020780186	
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 ML111740220	No Comments 08/24/2011 ML112130149	
1997-3	Criteria for the Release of Individuals Administered Radioactive Material Parts 20 and 35 62 FR 4120	05/29/2000	Final ML103050179  Final ML103550423	No Comments 01/05/2011 ML103340411  No Comments 02/14/2011 ML110120070	Part 35 only    Part 20 only

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1997-4	Fissile Material Shipments and Exemptions Part 71 62 FR 5907 <b>(Superseded by 2004-1)</b>	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	R <sup>ii</sup> ML14139A065  Final ML15012A519	Comments 08/06/2014 ML14139A060  No Comments 02/09/2015 ML15012A465	
1997-6	Radiological Criteria for License Termination Parts 20, 30, 40 and 70 62 FR 39057	08/20/2000	Final ML16034A230	Comments 05/24/16 ML16034A225	This regulation was previously reviewed and found acceptable (See NRC letter ML 020780186), however it was repealed on August 8, 2002, and CA is currently terminating licenses on a case by case basis
1997-7	Exempt Distribution of a Radioactive Drug Containing One Microcurie of Carbon-14 Urea Part 30 62 FR 63634	01/02/2001	Final ML081080140	No Comments 05/13/2008 ML081340266	
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 ML060340073	No Comments 03/09/2006 ML060670437	

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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.
1998-3	License Term for Medical Use Licenses Part 35 63 FR 31604 <b>(Superseded by 2002-2)</b>	07/10/2001	Not Required	Not Required	These regulation changes are not required to be adopted for purposes of Compatibility. (See STP-98-074)
1998-4	Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations Part 34 63 FR 37059	07/09/2001	Final ML081160234	No Comments 06/19/2008 ML081710246	
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	R <sup>2</sup> ML14139A065  License Condition ML051580164 ML061790298  Final ML15012A519	No Comments 08/06/2014 ML14139A060  No Comments 07/18/2006 ML061990575  No Comments 02/09/2015 ML15012A465	Part 36
1998-6	Transfer for Disposal and Manifests: Minor Technical Conforming Amendment Part 20 63 FR 50127	11/20/2001	Final ML020030346	No Comments 03/18/2002 ML020780186	



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1999-1	Radiological Criteria for License Termination of Uranium Recovery Facilities Part 40 64 FR 17506	06/11/2002	Not Applicable	Not Applicable	California 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.
1999-3	Respiratory Protection and Controls to Restrict Internal Exposure Part 20 64 FR 54543; 64 FR 55524	02/02/2003	Final ML062210438	No Comments 08/31/2006 ML062490010	
2000-1	Energy Compensation Sources for Well Logging and Other Regulatory Clarifications Part 39 65 FR 20337	05/17/2003	Final ML070920384	No Comments 04/23/2007 ML071140038	
2000-2	New Dosimetry Technology Parts 34, 36 and 39 65 FR 63750	01/08/2004	Final ML081160234  Final ML070920384  License Condition ML051580164 ML061790298	No Comments 06/19/2008 ML081710246  No Comments 04/23/2007 ML071140038  No Comments 07/18/2006 ML061990575	Part 34   Part 39  Part 36 adopted by reference

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
2001-1	Requirements for Certain Generally Licensed Industrial Devices Containing Byproduct Material Parts 30, 31 and 32 65 FR 79162	02/16/2004	R <sup>2</sup> ML14139A065  License Condition for 32.52 (a) & (b) ML040500440  Final ML15012A519	No Comments 08/06/2014 ML14139A060  No Comments 03/10/2004 ML040700191  No Comments 02/09/2015 ML15012A465	
2002-1	Revision of the Skin Dose Limit Part 20 67 FR 16298	04/05/2005	Final ML062210438	No Comments 08/31/2006 ML062490010	
2002-2	Medical Use of Byproduct Material Parts 20, 32 and 35 67 FR 20249	10/24/2005	R <sup>2</sup> ML14139A065  Final ML15012A516	No Comments 08/06/2014 ML14139A060  No Comments 02/09/2015 ML15012A465	
2003-1	Financial Assurance for Materials Licensees Parts 30, 40 and 70 68 FR 57327	12/03/2006	Final ML090210714	No Comments 02/06/2009 ML090260305	

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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 ML091240053	No Comments 06/11/2009 ML091470300	
2005-1	Security Requirements for Portable Gauges Containing Byproduct Material Part 30 70 FR 2001	07/11/2008	License Condition ML062920179	No Comments 11/09/2006 ML063130004	
2005-2	Medical Use of Byproduct Material - Recognition of Specialty Boards Part 35 70 FR 16336; 71 FR 1926	04/29/2008	R <sup>2</sup> ML14139A065  Final ML15012A519	No Comments 08/06/2014 ML14139A060  No Comments 02/09/2015 ML15012A465	
2005-3	Increased Controls for Risk-Significant Radioactive Sources (NRC Order EA-05-090) 70 FR 72128	12/01/2005	License Condition ML081280851	No Comments 05/13/2008 ML081340260	California chose to revise its IC License Condition at the time of the Fingerprinting Order EA-07-305 License Condition Implementation. The original license condition can be seen at ML053060120. The response letter sent 11/04/2005 can be seen at ML053080246.

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
2006-1	Minor Amendments Parts 20, 30, 32, 35, 40 and 70 71 FR 15005	03/27/2009	R <sup>2</sup> ML14139A065  Final ML15012A519	No Comments 08/06/2014 ML14139A060  No Comments 02/09/2015 ML15012A465	Note: changes to Part 40 and 70 are not required for compatibility.
2006-2	National Source Tracking System - Serialization Requirements Part 32 with reference to Part 20 Appendix E 71 FR 65685	02/06/2007	License Condition ML070360575	No Comments 02/16/2007 ML070470007	
2006-3	National Source Tracking System Part 20 71 FR 65685, 72 FR 59162	01/31/2009	Final ML103550423	No Comments 02/14/2011 ML110120070	
2007-1	Medical Use of Byproduct Material - Minor Corrections and Clarifications Parts 32 and 35 72 FR 45147, 54207	10/29/2010	R <sup>2</sup> ML14139A065  Final ML15012A519	No Comments 08/06/2014 ML14139A060  No Comments 02/09/2015 ML15012A465	

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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	R <sup>2</sup> ML14139A065  Final ML15012A519	No Comments 08/06/2014 ML14139A060  No Comments 02/09/2015 ML15012A465	
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	R <sup>2</sup> ML14139A065  Final ML15012A519	No Comments 08/06/2014 ML14139A060  No Comments 02/09/2015 ML15012A465	
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 ML081280851	No Comments 05/13/2008 ML081340260	
2008-1	Occupational Dose Records, Labeling Containers, and Total Effective Dose Equivalent Parts 19 and 20 72 FR 68043	02/15/2011	Final ML103550423	No Comments 02/14/2011 ML110120070	

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2009-1	Medical Use of Byproduct Material – Authorized User Clarification Part 35 74 FR 33901	09/28/2012	Proposed ML14139A0652  Final ML15012A519	No Comments 08/06/2014 ML14139A060  No Comments 02/09/2015 ML15012A465	
2011-1	Decommissioning Planning Parts 20, 30, 40 and 70 76 FR 35512	12/17/2015	Proposed ML18067A028	No Comments 04/13/2018 ML18067A027	
2011-2	Licenses, Certifications, and Approvals for Materials Licensees Parts 30, 36, 39, 40, 70 and 150 76 FR 56951	11/14/2014	Final ML13144A735  License Condition ML13196A091	No Comments 07/03/2013 ML13162A553  No Comments 08/21/2013 ML13196A080	Part 36 adopted by reference
2012-1	Change of Compatibility of Parts 31.5 and 31.6 (See RATS ID: 2001-1 for Rule text) 77 FR 3640	01/25/2015	R <sup>2</sup> ML14139A0652  Final ML15012A519	No Comments 08/06/2014 ML14139A060  No Comments 02/09/2015 ML15012A465	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
*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 ML18065B098  Revised Proposed ML18324A655	No Comments 04/19/2018 ML18065B082  No Comments 01/03/2019 ML18324A651	
*2012-3	Technical Corrections Parts 30, 34, 40 and 71 77 FR 39899	08/06/2015	Proposed ML18065B098  Revised Proposed ML18324A655	No Comments 04/19/2018 ML18065B082  No Comments 01/03/2019 ML18324A651	
2012-4	Requirements for Distribution of Byproduct Material Parts 30, 31, 32, 40 and 70 77 FR 43666	10/23/2015	Proposed ML14139A0652  Final ML15012A519	No Comments 08/06/2014 ML14139A060  No Comments 02/09/2015 ML15012A465	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
*2013-1	Physical Protection of Byproduct Material, 10 CFR Parts 20, 30, 32, 33, 34, 35, 36, 37, 39 and 71 78 FR 16922	03/19/2016	Proposed License Condition ML15216A474	Comments 08/31/2015 ML15216A443	Part 37 only.
			Revised License Condition ML15281A285	No Comments 11/03/2015 ML15281A277	Part 37 only.
			Proposed ML18065B098	Comments 04/19/2018 ML18065B082	
			Revised Proposed ML18324A655	No Comments 01/03/2019 ML18324A651	
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			
*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 ML18065B098	No Comments 04/19/2018 ML18065B082	
			Revised Proposed ML18324A655	No Comments 01/03/2019 ML18324A651	



RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
*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 ML15216A474  Revised License Condition ML15281A285  Proposed ML18065B098  Revised Proposed ML18324A655	No Comments 08/31/2015 ML15216A443  No Comments 11/03/2015 ML15281A277  No Comments 04/19/2018 ML18065B082  No Comments 01/03/2019 ML18324A651	Proposed ML15216A474  Revised License Condition ML15281A285
*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 ML18065B098  Revised Proposed ML18324A655	Comments 04/19/2018 ML18065B082  No Comments 01/03/2019 ML18324A651	
*2015-4	Miscellaneous Corrections, Parts 37 and 40 80 FR 45841	09/02/2018	Proposed ML18065B098  Revised Proposed ML18324A655	Comments 04/19/2018 ML18065B082  No Comments 01/03/2019 ML18324A651	

RATS ID	NRC Chronology Identification	Date Due for State Adoption	Incoming Letter	Outgoing Package	Notes
*2015-5	Miscellaneous Corrections, Parts 19, 20, 30, 32, 37, 40, 61, 70, 71 and 150 80 FR 74974	12/31/2018	Proposed ML18065B098  Revised Proposed ML18324A655	No Comments 04/19/2018 ML18065B082  No Comments 01/03/2019 ML18324A651	
2018-1	Medical Use of Byproduct Material – Medical Event Definitions, Training and Experience, and Clarifying Amendments, 10 CFR Parts 30, 32 and 35	01/14/2022			
2018-2	Miscellaneous Corrections – Organizational Changes 10 CFR Parts 37, 40, 70 and 71	12/21/2021	Final ML18339A019	No Comments DATE ML18339A018	
N/A	Parts 35.13, 35.14, 35.24, 35.27, 35.57 and 35.2024		License Condition ML111400455	No Comments 07/11/2011 ML111740678	

<sup>i</sup> IMPEP Team: verify that California does not have any licensees subject to these regulations during each review.

<sup>ii</sup> R stands for revisions to final rule.