

# Supplement to Fuel Cycle Program Integrated Schedule

## Last Updated Tuesday, June 23, 2015

This supplement provides a public version of the purpose, brief overview, and background documentation available for the regulatory activities being tracked on the Fuel Cycle Cumulative Effects of Regulation Integrated Schedule. Links to the background documents have been included where possible.

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## RULEMAKINGS

| <b>Part 20 “Standards for Protection Against Radiation”</b> |  |
|---|--|
| Key Contact:  | <a href="#">Maupin, Cardelia</a> , 301-415-2312.   |
| Purpose:  | Update the radiation protection standards to address improvements in the modeling of dose calculations.  |
| Key Information   | <ul style="list-style-type: none"> <li>• The regulatory basis for the Part 20 rulemaking to update the radiation protection thresholds is under development.</li> <li>• Once the regulatory basis has been completed by the staff, it will be provided to the Commission for a vote some time in 2015.</li> <li>• December 2014 – March 2015: The comment period on the Advanced Notice of Proposed Rulemaking has been extended till March 2015. Individuals may provide comment by visiting the <a href="http://www.regulations.gov">www.regulations.gov</a> website and searching NRC-2009-0279.</li> </ul>   |
| Related Documents   | <ul style="list-style-type: none"> <li>• <a href="http://www.regulations.gov/#!docketDetail;D=NRC-2009-0279">http://www.regulations.gov/#!docketDetail;D=NRC-2009-0279</a></li> <li>• <a href="http://www.nrc.gov/about-nrc/regulatory/rulemaking/potential-rulemaking/opt-revise.html">http://www.nrc.gov/about-nrc/regulatory/rulemaking/potential-rulemaking/opt-revise.html</a>.</li> <li>• SECY-08-0197 dated December 18, 2008 (<a href="#">ML083360555</a>).</li> <li>• SRM-SECY-08-0197 dated December 18, 2008 (<a href="#">ML090920103</a>).</li> <li>• SECY-12-0064 dated April 25, 2012 (<a href="#">ML121020108</a>).</li> <li>• SRM-SECY-12-0064 dated December 17, 2012 (<a href="#">ML12352A133</a>).</li> </ul> |
| Meeting Information   | <ul style="list-style-type: none"> <li>• None Scheduled.</li> </ul>  |

| <b>Part 21 “Reporting Defects and Non-Compliance”</b> |   |
|---|---|
| Key Contact:  | <a href="#">Sabrina Atack</a> , 301-415-7241.   |
| Purpose:  | Develop revised rule and accompanying guidance to clarify key definitions and describe requirements and processes for evaluating and reporting and commercial-grade dedication activities. Two draft guides will be prepared with the rule – DG-1291 (evaluating and reporting) and DG-1292 (commercial grade dedication).  |
| Key Information                                       | <ul style="list-style-type: none"> <li>• Staff to issue final Regulatory Basis in June 2015 and begin work on proposed rule and regulatory guides.</li> <li>• Finalize proposed rule – January 2017.</li> <li>• October 2016 – January 2017, 75 day comment period on the proposed rule.</li> <li>• July 2018, Expect to finish rulemaking.</li> </ul>  |
| Related Documents                                     | <ul style="list-style-type: none"> <li>• <a href="http://www.regulations.gov/#!docketDetail;D=NRC-2012-0012">http://www.regulations.gov/#!docketDetail;D=NRC-2012-0012</a></li> <li>• <a href="http://www.nrc.gov/reactors/new-reactors/oversight/quality-assurance/part-21-rulemaking.html">http://www.nrc.gov/reactors/new-reactors/oversight/quality-assurance/part-21-rulemaking.html</a>.</li> <li>• OIG-10-20 dated September 28, 2010 (<a href="#">ML102710583</a>).</li> <li>• OIG-11-A-08 dated March 23, 2011 (<a href="#">ML110820426</a>).</li> <li>• <a href="#">SECY 2011-0135</a> dated September 29, 2011 (<a href="#">ML112430138</a>).</li> </ul> |
| Meeting Information                                   | <ul style="list-style-type: none"> <li>• To-Be-Determined (later in 2015) – Meetings to discuss development of Regulatory Guides on evaluation and reporting and commercial grade dedication with industry.</li> <li>• March – May 2017 – Meeting(s) to discuss resolution of comments on the proposed rule.</li> </ul>   |

| <b>Part 26 “Subpart I Managing Fatigue”</b> |   |
|---|---|
| Key Contact:                                | <a href="#">Alex Sapountzis</a> , 301-287-3660.   |
| Purpose:                                    | Rulemaking regarding applying fatigue requirements to security personnel at Category 1 material licensees.  |
| Key Information                             | <ul style="list-style-type: none"> <li>• Staff is reviewing the proposed alternative to rulemaking for fatigue measures provided by the Category I licensees for security officers. Staff removed the Part 26 basis from the final Part 73 regulatory basis rulemaking effort pending review of the proposed fatigue measures.</li> <li>• NRC responded with RAIs (<a href="#">ML15013A126</a>) to the proposed alternative to rulemaking.</li> <li>• Staff reviewed Category I licensees responses to NRC RAIs dated February 26, 2015.</li> <li>• On May 12, 2015, the NRC had a conference call with the Category I licensees to discuss their revised proposal. Based on discussions, the Category I licensees will revise their proposal and submit it to the NRC in June 2015.</li> </ul> |
| Related Documents                           | <ul style="list-style-type: none"> <li>• <a href="http://www.nrc.gov/security/domestic/phys-protect/reg-initiatives/10cfr73.html">http://www.nrc.gov/security/domestic/phys-protect/reg-initiatives/10cfr73.html</a>.</li> <li>• Part 26: SRM-COMSECY-04-0037 (fatigue for officers at material licensees), dated September 1, 2004 (<a href="#">ML042450533</a>).</li> <li>• Part 26/73: Draft Regulatory Basis (May 2014) (<a href="#">ML14113A468</a>).</li> </ul>   |
| Meeting Information                         | <ul style="list-style-type: none"> <li>• None Scheduled.</li> </ul>   |

| <b>Part 40 “Domestic Licensing of Source Material”</b> |  |
|--|--|
| Key Contact:   | <a href="#">Dave Tiktinsky</a> , 301-415-8740.   |
| Purpose:   | Risk inform the regulatory requirements for certain Part 40 facilities by requiring an integrated safety analysis similar to Part 70, Subpart H. The requirements are proposed for facilities with significant quantities of uranium hexafluoride.   |
| Key Information  | <ul style="list-style-type: none"><li>• The Commission disapproved the rule and directed staff to develop regulatory guidance (e.g., chemical exposure hazards to be addressed in ISAs), determine the need for radiation performance requirements at source material facilities, and revise the regulatory analysis.</li><li>• The NRC staff developed a SECY paper to propose a path forward on the Part 40 rulemaking.</li><li>• <b>The Commission approved the staff’s request to terminate the Part 40 rulemaking on April 27, 2015.</b></li></ul>  |
| Related Documents                                      | <ul style="list-style-type: none"><li>• <a href="http://www.regulations.gov/#!docketDetail;D=NRC-2009-0079">http://www.regulations.gov/#!docketDetail;D=NRC-2009-0079</a>.</li><li>• <a href="http://www.regulations.gov/#!docketDetail;D=NRC-2011-0080">http://www.regulations.gov/#!docketDetail;D=NRC-2011-0080</a>.</li><li>• SRM-M20070308B dated March 8, 2007 (<a href="#">ML070820023</a>).</li><li>• Transcript of Commission Meeting dated March 8, 2007 (<a href="#">ML070720773</a>).</li><li>• SRM-SECY-07-0146 dated October 10, 2007 (<a href="#">ML072830536</a>).</li><li>• SRM-10-0128 dated November 30, 2010 Approval to publish proposed rule (<a href="#">ML103350037</a>).</li><li>• SECY-12-0071 dated May 7, 2012 (<a href="#">ML12094A344</a>).</li><li>• SRM-12-0071 dated May 3, 2013 (<a href="#">ML13123A127</a>).</li></ul> |
| Meeting Information                                    | <ul style="list-style-type: none"><li>• None scheduled.</li></ul>  |

| <b>Part 61 “Proposed Rule: Low-Level Radioactive Waste Disposal”</b> |  |
|--|--|
| Key Contact:   | <a href="#">Gary Comfort</a> , 301-415-8106.   |
| Purpose:   | Rulemaking for a site-specific analysis or performance assessment for the disposal of depleted uranium (DU) and other long-lived isotopes in a near-surface disposal facility.   |
| Key Information  | <ul style="list-style-type: none"> <li>The Commission directed the NRC staff to revise the draft rule language and make other directed changes prior to publication as a proposed rule.</li> <li>Proposed rule (80 FR 16082) and related guidance (80 FR 15930) were published in the Federal Register for public comment on March 26, 2015. The comment period ends on July 24, 2015.</li> </ul>  |
| Related Documents  | <ul style="list-style-type: none"> <li><a href="http://www.regulations.gov/#!docketDetail;D=NRC-2011-0012">http://www.regulations.gov/#!docketDetail;D=NRC-2011-0012</a>.</li> <li><a href="http://www.nrc.gov/about-nrc/regulatory/rulemaking/potential-rulemaking/potential-part61-revision.html">http://www.nrc.gov/about-nrc/regulatory/rulemaking/potential-rulemaking/potential-part61-revision.html</a>.</li> <li><a href="http://www.nrc.gov/about-nrc/regulatory/rulemaking/potential-rulemaking/uw-streams.html">http://www.nrc.gov/about-nrc/regulatory/rulemaking/potential-rulemaking/uw-streams.html</a>.</li> <li>Technical basis for proposed rule dated April 28, 2011 - <a href="#">ML111040419</a>.</li> <li>Preliminary proposed rule language dated May 2011 <a href="#">ML111150205</a>.</li> <li>COMWDM-11-0002/COMGA-11-0002 - Revision to 10 CFR Part 61 dated November 03, 2011 (<a href="#">ML113070543</a>).</li> <li>SRM-COMWDM-11-0002/COMGEA-11-0002 - Revision to 10 CFR Part 61 dated January 19, 2012 (<a href="#">ML120190360</a>).</li> <li>Draft 10 CFR Part 61 proposed rule package (SECY-13-0075) dated July 18, 2013 (<a href="#">ML13128A160</a>)</li> <li>Staff requirements memorandum – SECY-13-0075 – proposed rule: Low-Level Radioactive Waste Disposal (10 CFR PART 61) (RIN 3150-A192) dated February 12, 2014 (<a href="#">ML14043A371</a>).</li> </ul> |
| Meeting Information  | <p>Meetings held on:</p> <ul style="list-style-type: none"> <li>March 20, 2015 – Phoenix, AZ</li> <li>April 28, 2015 – Rockville, MD</li> <li>May 12, 2015 – Austin, TX</li> <li>May 20, 2015 – Webinar on Guidance Document</li> <li>June 2, 2015 – Columbia, SC</li> <li>June 9, 2015 – Richland, WA</li> <li>June 10, 2015 – Salt Lake City, UT.</li> </ul>   |

| <b>Part 73 “Part 73-Enhanced Security for SNM”</b> |  |
|--|--|
| Key Contact:                                       | <a href="#">Keith McDaniel</a> , 301-415-5252.   |
| Purpose:   | Update security regulations within <i>Title 10 of the Code of Federal Regulations</i> (10 CFR) Part 73 that govern the security for special nuclear material at fixed sites and during transportation. Update considers material attractiveness.   |
| Key Information                                    | <ul style="list-style-type: none"> <li>• Make generically applicable security requirements similar to those imposed by security orders issued following the terrorist attacks of September 11, 2001.</li> <li>• Consider risk insights, operational oversight, inspection activities, and international guidance (e.g., Material Attractiveness, Dose Limit Threshold, Sabotage, Safety-safeguards Interface).</li> <li>• Improve consistency and clarity.</li> <li>• Use a risk-informed and performance-based structure.</li> <li>• Public comments on the draft regulatory basis via FRN closed on October 17, 2014.</li> <li>• NMSS has reviewed the regulatory basis and determined that it provides adequate justification to initiate the rulemaking.</li> <li>• Proposed rule to the Commission in September 2016.</li> <li>• Final rule to the Commission by March 2018.</li> </ul> |
| Related Documents                                  | <ul style="list-style-type: none"> <li>• <a href="http://www.nrc.gov/security/domestic/phys-protect/reg-initiatives/10cfr73.html">http://www.nrc.gov/security/domestic/phys-protect/reg-initiatives/10cfr73.html</a>.</li> <li>• SRM-SECY-09-0123 – Material Categorization and Future Fuel Cycle Facility Security-Related Rulemaking, dated July 8, 2010 (<a href="#">ML101890711</a>).</li> <li>• SRM-COMSECY-05-0058 – Schedule and Resources for Security Rulemakings, dated November 16, 2005.</li> <li>• Part 73: Final Regulatory Basis (<a href="#">ML14321A007</a>). The Notice was published on April 22, 2015.</li> </ul>  |
| Meeting Information                                | <ul style="list-style-type: none"> <li>• Public Meeting scheduled for March 2016.</li> </ul>   |

| <b>Part 73 “Cyber Security”</b> |  |
|---------------------------------|--|
| Key Contact:                    | <a href="#">Matt Bartlett</a> , 301-415-7154.  |
| Purpose:                        | The Commission directed the NRC staff to proceed with a rulemaking to implement cyber security into Part 73 for certain fuel cycle facilities. The Commission directed the rulemaking to be a high priority, expedited rulemaking that uses a graded, consequence based regulatory approach and is informed by industry’s voluntary efforts.   |
| Key Information                 | <ul style="list-style-type: none"> <li>• In March 2009, the NRC completed a Cyber Security Rule for Reactors which incorporated new requirements into 10 CFR 73.54 and related guidance in Regulatory Guide 5.71.</li> <li>• In 2011, the NRC formed a working group to review cyber security programs at fuel cycle facilities and evaluate the need for any additional cyber security requirements.</li> <li>• In 2012, the NRC staff submitted SECY 12-0088, “The Nuclear Regulatory Commission Cyber Security Roadmap.” The SECY indicated that in the short-term, the NRC would work with NEI and fuel cycle facility licensees on a voluntary industry initiative that would strengthen licensee cyber security programs. However, if industry decided not to participate in this voluntary initiative or if the resulting changes did not generate the desired outcome of strengthening existing fuel cycle facility cyber security programs, Orders would be considered.</li> <li>• The NRC staff published SECY-14-0147, “Cyber Security For Fuel Cycle Facilities,” in December, 2014, which proposed three options to the Commission for improving cyber security regulations. <ul style="list-style-type: none"> <li><input type="checkbox"/> Option 1, implement orders followed by rulemaking</li> <li><input type="checkbox"/> Option 2, implement rulemaking</li> <li><input type="checkbox"/> Option 3, voluntary initiatives only</li> </ul> </li> <li>• The Commission provided SRM-SECY-14-0147, “Staff Requirements – Secy-14-0147 – Cyber Security for Fuel Cycle Facilities” in March, 2015, which directed the NRC staff to proceed with option 2, i.e., rulemaking. The SRM directed the staff to: <ul style="list-style-type: none"> <li><input type="checkbox"/> Proceed with a high priority rulemaking in an “expeditious manner”</li> <li><input type="checkbox"/> Develop a comprehensive technical basis,</li> <li><input type="checkbox"/> Use a “graded, consequence based” approach,</li> <li><input type="checkbox"/> Monitor licensees’ “voluntary” cybersecurity efforts, and</li> <li><input type="checkbox"/> Consider an 18 month implementation period.</li> </ul> </li> </ul> |
| Related Documents               | <ul style="list-style-type: none"> <li>• June 2012 – SECY-12-0088, “Cyber Security Roadmap,” (<a href="#">ML12135A050</a>)</li> <li>• December, 2014 – SECY-14-0147, Cyber Security For Fuel Cycle Facilities (Non-public)</li> <li>• March, 2015 – SRM-SECY-14-0147, “Staff Requirements – Secy-14-0147 – Cyber Security for Fuel Cycle Facilities” (<a href="#">ML15083A175</a>) <ul style="list-style-type: none"> <li><input type="checkbox"/> Commissioner Baran's Vote on SECY-14-0147 – Cyber Security for Fuel Cycle Facilities (<a href="#">ML15118A921</a>)</li> <li><input type="checkbox"/> Commissioner Ostendorff's Vote on SECY-14-0147 – Cyber Security for Fuel Cycle Facilities (<a href="#">ML15132A632</a>)</li> </ul> </li> </ul>   |



|                     |   |
|---------------------|---|
| Meeting Information | <ul style="list-style-type: none"> <li>• June 11, 2015, Cyber Security meeting to discuss NRC plans for the rulemaking</li> <li>• July 2015, Call with stakeholders to discuss status of voluntary cyber security efforts</li> <li>• September 2015, 30 day comment period on draft regulatory basis</li> <li>• September 2015, Public meeting during the comment period to discuss comments on the regulatory basis</li> <li>• December 2015, Public meeting to discuss final regulatory basis</li> <li>• October – December 2016, 75 day comment period on proposed rulemaking</li> <li>• October and December 2016, Public meeting to support comment period</li> <li>• May 2017, Public meeting to discuss the proposed rule comments and how they were addressed</li> <li>• December 2017, Public meeting to discuss completion of the final rule and implementation period</li> <li>• (Note: Additional public meeting will be conducted, as needed, including as part of the quarterly CER meeting)</li> </ul> |
|---------------------|---|

| <b>Part 74 “Material Control &amp; Accounting of Special Nuclear Material”</b> |   |
|--|---|
| Key Contact:   | <a href="#">Tom Pham</a> , 301-415-7254.  |
| Purpose:   | This rulemaking revises and consolidates the MC&A requirements in order to update, clarify and strengthen them.   |
| Key Information  | <ul style="list-style-type: none"> <li>• The comment period on draft rule and guidance was extended and now ends on March 10, 2014.</li> <li>• The schedule has been rebase-lined to extend the completion date by one year to allow resolution of comments.</li> <li>• The NRC plans to issue the revised regulatory analysis for the draft rule, including the revision of the backfit analysis exclusion.</li> <li>• Regulatory Guide for non-fuel cycle facilities was issued in May 2015 for comment (<a href="#">ML15015A271</a>).</li> </ul>   |
| Related Documents  | <ul style="list-style-type: none"> <li>• <a href="http://www.regulations.gov/#!docketDetail;D=NRC-2009-0096">http://www.regulations.gov/#!docketDetail;D=NRC-2009-0096</a>.</li> <li>• OIG Report 03-A-15 dated February 6, 2013 (<a href="#">ML13037A476</a>).</li> <li>• SECY-08-0059 dated April 2008, (<a href="#">ML080580273</a>).</li> <li>• SRM-SECY-08-0059 dated February 2009, (<a href="#">ML090360473</a>).</li> <li>• SECY-11-0175 dated December 2011, (<a href="#">ML113400134</a>).</li> <li>• SRM-SECY-11-0175 dated April 12, 2012 (<a href="#">ML121030104</a>).</li> <li>• COMSECY-12-0026 dated November 2012, (<a href="#">ML12311A436</a>).</li> <li>• SRM-COMSEC-12-0026 dated May 2013, (<a href="#">ML13130A077</a>).</li> </ul> |
| Meeting Information  | <ul style="list-style-type: none"> <li>• March 2015 – Opportunity to provide comment on the draft non-fuel cycle guidance for Part 74.</li> <li>• March 2015 - Meeting to discuss the regulatory analysis and comments on the proposed rule.</li> <li>• July – August 2015 – Meeting to discuss the implementation schedule for the rule.</li> </ul>  |

| <b>Chemical Security</b> |  |
|--------------------------|--|
| Key Contact:             | <a href="#">Larry Harris</a> , 301-287-3601.   |
| Purpose:                 | Assure that NRC licensed Fuel Cycle Facilities provide reasonable assurance that the physical security for chemicals of interest are equal to the Department of Homeland Security standards and adequately protect against sabotage, theft and diversion.  |
| Key Information          | <ul style="list-style-type: none"><li>• NSIR completed visits to fuel cycle facilities to evaluate the chemicals of interest.</li><li>• NSIR held a workshop with the licensees to discuss the results of the site visits and methods for licensees to provide updated information on chemical inventory, location and security measures.</li><li>• NSIR provided the Commission with a SECY -14-112 which described the staff's evaluation of existing chemical security practices and options for monitoring any changes in these practices.</li><li>• <b>The Commission SRM disapproved the staff recommendation and directed the staff to monitor changes in the DHS CFATS listing of chemicals of interest.</b></li></ul> |
| Related Documents        | <ul style="list-style-type: none"><li>• <a href="#">SECY-11-108</a> dated August 5, 2011 (<a href="#">ML111460426</a>).</li><li>• SRM-SECY-11-108 dated February 15, 2012 (<a href="#">ML120470207</a>).</li><li>• <a href="#">SECY-14-112</a> "Recommendations For A Path Forward for Chemical Security," dated October 16, 2014 (<a href="#">ML14198A037</a>).</li><li>• SRM-SECY-14-0112 dated April 16, 2015 (<a href="#">ML15107A076</a>)</li></ul>   |
| Meeting Information      | <ul style="list-style-type: none"><li>• None Scheduled.</li></ul>  |

## NON-RULEMAKINGS

| <b>ANS 57.11 “ISA Standard”</b> |   |
|---------------------------------|---|
| Key Contact:                    | <a href="#">Kevin Morrissey</a> , 301-415-0260.   |
| Purpose:                        | ANS is developing an ISA standard that would provide clear guidelines for licensees to perform an ISA and improve the ability to identify those elements which serve as leading indicators of ISA quality.  |
| Key Information                 | <ul style="list-style-type: none"> <li>• Development of the standard could take up to 3 years to be finalized.</li> <li>• The schedule has not been confirmed with ANS so the date for a public comment period has not been established.</li> <li>• Depending on the content of the ANS standard, the NRC staff may determine that an ISG on certain aspects of performing an ISA is necessary. If this occurs, the ISG is projected to be developed in late 2015 or early 2016.</li> <li>• The ANS typically does not put draft standards out for public comment.</li> <li>• If needed, a public comment period will be provided following development of a draft ISG.</li> <li>• A new draft version of the ANS ISA Standard has been issued to the working group in February 2015. ANS continues to work on the draft ISA Standard.</li> </ul> |
| Related Documents               | <ul style="list-style-type: none"> <li>• <a href="http://www2.ans.org/standards/committees/nfsc/calendar/files/ans-57-11pins(2)-fornfscapproval.doc">www2.ans.org</a> (search ANS 57.11) (<a href="http://www2.ans.org/standards/committees/nfsc/calendar/files/ans-57-11pins(2)-fornfscapproval.doc">http://www2.ans.org/standards/committees/nfsc/calendar/files/ans-57-11pins(2)-fornfscapproval.doc</a>).</li> </ul>  |
| Meeting Information             | <ul style="list-style-type: none"> <li>• None Scheduled.</li> </ul>   |

| <b>NUREG-1520, Revision 2, “Standard Review Plan for the Review of a License Application for a Fuel Cycle Facility”</b> |   |
|---|---|
| Key Contact:  | <a href="#">Soly Soto</a> , 301-415-7528.   |
| Purpose:  | Update the guidance for standard review plans for fuel cycle facilities.  |
| Key Information   | <ul style="list-style-type: none"> <li>• NUREG-1520 is being revised and we anticipate that another revision will be needed after the ANS standard is issued.</li> <li>• The revision will not address ISA-related issues.</li> <li>• A 150 day public comment period on the draft NUREG began in June 2014 and ended November 3, 2014.</li> <li>• A comment resolution table listing all comments and the NRC staff's responses was made publicly available on March 23, 2015.</li> <li>• The staff expects to publish the final SRP on June 2015.</li> </ul>  |
| Related Documents   | <ul style="list-style-type: none"> <li>• SECY-12-0091 dated June 30, 2012 (<a href="#">ML12128A343</a>).</li> <li>• SRM-SECY-12-0091 dated October 9, 2012 (<a href="#">ML12284A033</a>).</li> <li>• <a href="http://www.regulations.gov/#!docketDetail;D=NRC-2012-0220">http://www.regulations.gov/#!docketDetail;D=NRC-2012-0220</a>.</li> <li>• The Advisory Committee on Reactor Safeguards provide a letter that they do not need to review the update to NUREG-1520 (<a href="#">ML14196A236</a>).</li> <li>• Comments on the draft NUREG-1520 are available on regulations.gov (<a href="#">NRC-2012-0220</a>).</li> <li>• Comment resolution table dated March 23, 2105 (<a href="#">ML15065A286</a>).</li> </ul> |
| Meeting Information   | <ul style="list-style-type: none"> <li>• None scheduled.</li> </ul>   |

| <b>Acute Chemical Exposures (Dermal and Ocular)</b> |  |
|---|--|
| Key Contact:  | <a href="#">Marilyn Diaz</a> , 301-287-415-7110.   |
| Purpose:  | Provide the most up to date standards for dermal and ocular exposure to an individual from licensed material or hazardous chemicals produced from licensed material.   |
| Key Information                                     | <ul style="list-style-type: none"> <li>The draft ISG was published in the <i>Federal Register</i> (80 FR 11692; March 4, 2015 ). The public comment period was originally scheduled to close on May 18, 2015. The NRC extended the public comment period to July 1, 2015, on this action to allow members of the public to review the additional information on backfitting before submitting any comments.</li> <li>The ISG will discuss the criteria staff will apply when reviewing the ISA chemical safety analysis and proposed quantitative standards used to demonstrate compliance with 10 CFR 70.61 and 70.65(b)(7).</li> </ul>   |
| Related Documents                                   | <ul style="list-style-type: none"> <li>Information Notice (IN) 2007-22, "Recent Hydrogen Fluoride Exposures at Fuel Cycle Facilities" (ADAMS <a href="#">ML071410230</a>).</li> <li>NEI and NRC exchanged letters discussing the regulatory basis for requiring licensees to consider dermal and ocular exposures in the ISA (<a href="#">ML083360632</a>, <a href="#">ML082900889</a>, <a href="#">ML090690732</a> and <a href="#">ML090920296</a>).</li> <li>Response to NEI letter regarding back-fit concern for dermal and ocular exposure standards (<a href="#">ML14251A150</a>).</li> <li>NEI letter regarding concerns related to back-fit evaluation for dermal and ocular exposure standards (<a href="#">ML14322B019</a>).</li> <li>Federal Register Notices (80 FR 11692; March 4, 2015 and 80 FR 21274; April 17, 2015)</li> <li>OGC Response to NEI regarding the backfitting concerns (<a href="#">ML15126A070</a>)</li> </ul> |
| Meeting Information                                 | <ul style="list-style-type: none"> <li>None Scheduled.</li> </ul>  |

| <b>Soluble Uranium</b> |  |
|------------------------|--|
| Key Contact:           | <a href="#">Chris Ryder</a> , 301-415-8729.  |
| Purpose:               | Provide thresholds for soluble uranium intake for workers.   |
| Key Information        | <ul style="list-style-type: none"> <li>• NRC is finalizing an Interim Staff Guidance (ISG) document on acute exposure to soluble uranium for compliance with 70.65(b)(7).</li> <li>• The draft ISG on acute uranium exposure standards was published for public comment in the <i>Federal Register</i>, (FRN Vol. 79, September 17, 2014, pg. 55834).</li> <li>• Staff expects to publish the final ISG on June 2015.</li> </ul> |
| Related Documents      | <ul style="list-style-type: none"> <li>• Acute Chemical Toxicity of Uranium With Application to 10 CFR 70.61 (NEI White Paper) (<a href="#">ML091490747</a>).</li> <li>• Draft Acute Uranium Standards for Integrated Safety Analyses (<a href="#">ML14148A403</a>)</li> <li>• SRM-12-0071 dated May 3, 2013 (<a href="#">ML13123A127</a>) – related to Part 40 rulemaking.</li> </ul>   |
| Meeting Information    | <ul style="list-style-type: none"> <li>• None Scheduled.</li> </ul>  |

| <b>Revised Fuel Cycle Oversight Process (RFCOP)</b> |  |
|---|--|
| Key Contact:  | <u>Dylanne Duvigneaud</u> , 301-415-4010.  |
| Purpose:  | Develop RFCOP in accordance with SRM-SECY-11-0140.   |
| Key Information                                     | <ul style="list-style-type: none"> <li>• More transparent and risk informed process taking advantage of 15 years of implementing integrated safety analyses.</li> <li>• Right-size core inspection w/focus on risk significant systems, structures and, and components.</li> </ul>   |
| Related Documents                                   | <ul style="list-style-type: none"> <li>• SECY-11-0140 dated October 2011 (<a href="#">ML111180705</a>).</li> <li>• <a href="#">SRM-SECY-11-0140</a> dated January 5, 2012, (<a href="#">ML120050322</a>).</li> <li>• Issued Revised Fuel Cycle Oversight Process (RFCOP) Program Plan (<a href="#">ML14181A674</a>) and associated Gantt Chart (<a href="#">ML14181A654</a>).</li> </ul>   |
| Meeting Information                                 | <ul style="list-style-type: none"> <li>• June 11, 2015, Public meeting to discuss cornerstone development.</li> <li>• Cornerstone basis document public comment period closes in mid July 2015.</li> <li>• September 2015, Planned meeting with ACRS Sub-Committee to discuss draft cornerstones.</li> <li>• November 2015, Planned meeting with ACRS Full-Committee to discuss draft cornerstones.</li> <li>• Spring 2016, Begin discussing proposed Qualitative SDP with external stakeholders.</li> <li>• Fall 2016, Planned briefings of ACRS Sub-committee and Full-committee on Qualitative SDP.</li> <li>• Fall 2016, Begin engaging stakeholders on the action matrix thresholds.</li> <li>• Fall 2016, Begin engaging external stakeholders on how the cross-cutting issues are proposed to be incorporated into the RFCOP.</li> <li>• Spring 2018, Planned briefings of ACRS Sub-committee and Full-committee on proposed Pilot Program.</li> <li>• Fall 2018 – February 2019, conduct Pilot Program.</li> <li>• Summer 2019, Planned briefings of ACRS Sub-Committee and Full-committee on Pilot Program results.</li> <li>• Fall 2019, Communicate to industry plan and schedule to implement RFCOP.</li> <li>• Fall 2019, Implement RFCOP.</li> </ul> |



| <b>Material Control and Accounting Regulatory Guides</b> |   |
|--|---|
| Key Contact:   | <a href="#">Glenn Tuttle</a> , 301-415-7230.  |
| Purpose:   | Effort to update the Regulatory Guides to be consistent with the 2006 agency expectation for regular revisions.   |
| Key Information  | <ul style="list-style-type: none"> <li>• The purpose of this effort is to consolidate and eliminate outdated guidance as requested by the Chairman.</li> <li>• 27 MC&amp;A guidance documents are consolidated into 8 documents. <ul style="list-style-type: none"> <li>○ DG 5049 - Independent Assessment of Nuclear Material Control and Accounting Systems. Out for public comment 7/5/2015.</li> <li>○ DG-5056 - Material Control and Accounting Physical Inventories and Material Balances. Out for public comment 8/15/2015.</li> <li>○ DG-5051 - Shipping, Receiving, and Internal Transfer of Special Nuclear Material. Out for public comment 8/30/2015.</li> <li>○ DG-5052 - Determination of Uranium or Plutonium: Methods based on the Analysis of Samples. Out for public comment in October/November 2015.</li> <li>○ DG-5053 - Determination of Uranium or Plutonium: Nondestructive Assay Methods. Out for public comment in October/November 2015.</li> <li>○ DG-5054 - Design Considerations to Minimize Residual Holdup of Special Nuclear Material in Process Equipment. Out for public comment in October/November 2015.</li> <li>○ DG-5055 - Statistical Concepts for Material Control and Accounting. Tentative - four statistics related regulatory guides may be deleted.</li> <li>○ DG-5050 - Selection of Material Balance Areas and Item Control Areas. Delayed until 2016 pending Part 74 rulemaking.</li> </ul> </li> </ul> |
| Related Documents  | <ul style="list-style-type: none"> <li>• SECY-13-0031 dated March 28, 2013 (<a href="#">ML13063A051</a>).</li> <li>• A cross-walk that links the old Regulatory Guides to the new Draft Guides (DG) (<a href="#">ML15056A518</a>)</li> </ul>  |
| Meeting Information                                      | <ul style="list-style-type: none"> <li>• July 2015 – DG-5049; 60 day comment period.</li> <li>• August-September 2015 – DG-5056; 60 day comment period.</li> <li>• August-September 2015 – DG-5051; 60 day comment period.</li> <li>• October-December 2015 – DG-5052, DG-5053, and DG-5054; 60 day comment period.</li> </ul>  |

| <b>Natural Phenomena Hazards (Generic Letter)</b> |  |
|---|--|
| Key Contacts:                                     | <a href="#">Jonathan Marciano</a> , 301-415-6731.  |
| Purpose:  | Develop a generic communication to collect information to verify compliance with regulatory requirements and/or license conditions associated with the treatment of natural phenomena hazards in the facilities safety assessments.  |
| Key Information                                   | <ul style="list-style-type: none"> <li>The Generic Letter will serve as the basis to close Unresolved Items (URIs) from post-Fukushima Temporary Instruction 2600/15 regarding the natural phenomena events accident sequence and how licensees are in compliance with regulatory requirements.</li> <li>The NRC staff awaits for Commission direction with regards to the issuance of the Generic Letter.</li> </ul>  |
| Related Documents                                 | <ul style="list-style-type: none"> <li>Information Notice (IN) 2011-08, "Tohoku–Taiheiyō–Oki Earthquake Effects on Japanese Nuclear Power Plants—for Fuel Cycle Facilities," (<a href="#">ML110830824</a>).</li> <li>Temporary Instruction (TI) 2600/015 "Evaluation of Licensee Strategies for the Prevention and/or Mitigation Of Emergencies at Fuel Facilities" on September 30, 2011 (<a href="#">ML12286A284</a>).</li> <li>Nuclear Energy Industry (NEI) letter dated October 12, 2012, "Treatment of Natural Phenomena Hazards in the Integrated Safety Analysis," (<a href="#">ML12296A036</a>).</li> <li>Draft Generic Letter (Public): <a href="#">ML13157A158</a>.</li> <li>Draft Communication Plan for Generic Letter: <a href="#">ML13157A157</a>.</li> </ul> |
| Meeting Information                               | <ul style="list-style-type: none"> <li>No upcoming meetings.</li> </ul>  |

| <b>Interim Staff Guidance (ISG) Regarding the Natural Phenomena Hazards Generic Letter</b> |  |
|--|--|
| Key Contact:   | <a href="#">Jonathan Marciano</a> , 301-415-6731.  |
| Purpose:   | Provides additional guidance addressing accident sequences that may result from natural phenomena hazards.   |
| Key Information  | <p>ISG for natural phenomena hazards was issued in the Federal Register for public comment on February 24, 2015.</p> <p>Guidance in the ISG will be incorporated into future revisions of Appendix D of Chapter 3 of NUREG 1520.</p> |
| Related Documents  | <ul style="list-style-type: none"> <li>NUREG 1520 Chapter 3 Appendix D "Natural Phenomena Hazards."</li> <li>Draft ISG for public comment (<a href="#">ML15026A136</a>).</li> </ul>  |
| Meeting Information  | <ul style="list-style-type: none"> <li>No upcoming meetings.</li> </ul>  |

| <b>Fuel Cycle Information Exchange</b> |  |
|--|--|
| Key Contact:                           | <a href="#">Leira Cuadrado</a> , 301-415-0597.   |
| Purpose:                               | The Fuel Cycle Information Exchange (FCIX) provides an opportunity for NRC staff, industry representatives, licensees, and other stakeholders to openly discuss regulatory issues of mutual interest, as they relate to key sectors of the nuclear fuel cycle. |
| Key Information                        | <ul style="list-style-type: none"> <li>The annual FCIX is scheduled for June, 2015 at the US Nuclear Regulatory Commission headquarters.</li> </ul>  |
| Related Documents                      | <ul style="list-style-type: none"> <li>Link to the NRC public website on the FCIX <a href="http://www.nrc.gov/public-involve/conference-symposia/fcix.html">http://www.nrc.gov/public-involve/conference-symposia/fcix.html</a>.</li> </ul>                    |
| Meeting Information                    | <ul style="list-style-type: none"> <li>June 9-10, 2015, Annual Fuel Cycle Information Exchange.</li> </ul>   |

**\*\*Removed from Integrated Schedule\*\***

| <b>Revised Regulatory Guide 3.55, (DG 3046), “Standard Format and Content For License Applications for Uranium Hexafluoride Source Material Facilities”</b> |   |
|---|---|
| Key Contact:  | Matt Bartlett, 301-287-9112.  |
| Purpose:  | Update Regulatory Guide 3.55 (DG 3046), “Standard Format And Content For License Applications For Uranium Hexafluoride Source Material Facilities.”   |
| Key Information   | <p>Effort to update the Regulatory Guides to be consistent with the 2006 agency expectation for regular revisions.</p> <p>The staff determined to remove this non-rulemaking activity from the integrated schedule.</p> |
| Related Documents   | 1986 RG-3.55, “Standard Format and Content for the Health and Safety Sections of License Renewal Applications for Uranium Hexafluoride Production,” ( <a href="#">ML003739469</a> ).                                    |
| Meeting Information   | August – September 2015, comment period for draft Regulatory Guide 3.55.  |