

A large, stylized graphic of an atomic symbol, consisting of a central blue sphere and three intersecting elliptical orbits in shades of blue, positioned on the left side of the slide.

Cumulative Effects of Regulation

March 29, 2017

DyLanne Duvigneaud



Introduction

- **CATEGORY 2 MEETING**
 - The primary discussions are expected to be between the NRC and representatives of licensed fuel cycle facilities. Members of the public will be invited to participate in this meeting at designated points during the meeting.
- **REMINDER**
 - The information contained herein is for discussion purposes only and does not represent the final NRC position.
 - We will not be discussing the merits of the regulatory activities during this meeting.

Updated Integrated Schedule

Regulatory Activity	Revised	2017												2018												2019												2020																							
		Jan	Febr	Marc	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Febr	Marc	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Febr	Marc	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Febr	Marc	April	May	June	July	Aug	Sept	Oct	Nov	Dec												
Part 61 - LLW Disposal POC: Gary Comfort Driver: SRM	03/10/2017	↓												[Reg. Basis/Draft Guidance]												[Final Rule/Final Guidance]												[Implementation]																							
Part 73-Enhanced Security for SNM POC: Keith McDaniel Driver: SRM	03/10/2017	[Reg. Basis/Draft Guidance]												[Proposed Rule/Draft Guidance]												[Final Rule/Final Guidance]												[Implementation]																							
Part 73-Cyber Security Rulemaking POC: Cardelia Maupin/Matthew Bartlett Driver: SRM-SECY-14-0147	03/10/2017	A ↓ A ↓												[Reg. Basis/Draft Guidance]												[Proposed Rule/Draft Guidance]												[Final Rule/Final Guidance]												[Implementation]											
Part 74-MC&A POC: Thomas Young/Tom Pham Driver: SRM	03/10/2017	↓												[Reg. Basis/Draft Guidance]												[Proposed Rule/Draft Guidance]												[Final Rule/Final Guidance]												[Implementation]											
Part 21 - Draft Guidance - 3049 POC: Jennifer Fisher Driver: Staff	03/10/2017	[Reg. Basis/Draft Guidance]												[Reg. Basis/Draft Guidance]												[Final Rule/Final Guidance]												[Implementation]																							
ANS 57.11 (ISA) POC: Margie Kotzalas Driver: SRM	03/10/2017	[Reg. Basis/Draft Guidance]												[Reg. Basis/Draft Guidance]												[Final Rule/Final Guidance]												[Implementation]																							
Acute Chem. Exposures (ISG) POC: Marilyn Diaz Driver: Staff/SRM	03/10/2017	↓												[Reg. Basis/Draft Guidance]												[Final Rule/Final Guidance]												[Implementation]																							
MC&A Reg. Guides POC: Glenn Tuttle Driver: SRM	03/10/2017	↓ ↓												[Reg. Basis/Draft Guidance]												[Proposed Rule/Draft Guidance]												[Final Rule/Final Guidance]												[Implementation]											
FCIX POC: DyLanne Duvigneaud/Mollie Semmes Driver: Staff	03/10/2017	[Reg. Basis/Draft Guidance]												[Reg. Basis/Draft Guidance]												[Final Rule/Final Guidance]												[Implementation]																							

[Blue Box]	= Reg. Basis/Draft Guidance	[Orange Box]	= Proposed Rule/Draft Guidance	[Green Box]	= Final Rule/Final Guidance	[Yellow Box]	= Public Interaction	[Purple Box]	= Implementation	[Light Green Box]	= Non-rulemaking/NRC Activities
[Yellow Circle]	= Meeting occurrence	[I]	= Marks a milestone with text	[Red Arrow]	= Change occurred below arrow	http://www.nrc.gov/materials/fuel-cycle-fac/regs-guides-comm.html#cumeffects					
[V]	= Site Visit	[A]	= ACRS Meeting								

Part 61 “Proposed Rule: Low-Level Radioactive Waste Disposal”

Regulatory Activity	Revised	2017												2018												2019												2020											
		Jan	Febr	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Febr	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Febr	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Febr	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Part 61 - LLW Disposal POC: Gary Comfort Driver: SRM	12/19/2016				↓																																												
Part 61 - LLW Disposal POC: Gary Comfort Driver: SRM	03/10/2017																																																

Key Information	<ul style="list-style-type: none"> The final rule package was submitted to the Commission on September 15, 2016. The staff is awaiting Commission direction regarding publication of the final rule.
Meeting Information	<ul style="list-style-type: none"> None scheduled

Contact:
 Gary Comfort
 NMSS/MSTR/RPMB
 301-415-8106



Part 73 “Cyber Security”

Regulatory Activity	Revised	2017												2018												2019												2020																					
		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec										
Part 73-Cyber Security Rulemaking POC: Cardelia Maupin/Matthew Bartlett Driver: SRM-SECY-14-0147	12/19/2016	A A																																																									
		To Commission												90 day comment												Concurrence												To Commission												Issue final rule									
Part 73-Cyber Security Rulemaking POC: Cardelia Maupin/Matthew Bartlett Driver: SRM-SECY-14-0147	03/10/2017	A A																																																									
		To Commission												75 day comment												Concurrence												To Commission												Issue final rule									

Key Information	<ul style="list-style-type: none"> An update to the Draft Regulatory Guide (ML17031A018) was made publicly available to support a presentation to the ACRS sub-committee on February 23, 2017. Staff is developing the proposed rule package and related guidance.
Meeting Information	<ul style="list-style-type: none"> May 4, 2017 – ACRS Full Committee meeting July 2017 – September 2017, 75 day comment period on proposed rulemaking. July 2017 – Public meetings to support comment period on the proposed rulemaking.

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 Cardelia Maupin
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Contact:
 Matthew Bartlett
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Part 74 “Material Control & Accounting of Special Nuclear Material”

Regulatory Activity	Revised	2017												2018												2019												2020											
		Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Part 74-MC&A POC: Thomas Young/Tom Pham Driver: SRM	12/19/2016																																																
Part 74-MC&A POC: Thomas Young/Tom Pham Driver: SRM	03/10/2017																																																

Key Information	<ul style="list-style-type: none"> The draft final rule is due to the Commission in November 2017.
Meeting Information	<ul style="list-style-type: none"> July 2017 - Public meeting with Industry to discuss implementation.

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Contact:
 Tom Pham
 NMSS/FCSE/MCAB
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Part 21 Draft Guidance -3049

Regulatory Activity	Revised	2017												2018												2019												2020																																								
		Jan	Febr	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Febr	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Febr	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Febr	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec																													
Part 21 - Draft Guidance - 3049 POC: Jennifer Fisher Driver: Staff	12/19/2016																																																																													
Part 21 - Draft Guidance - 3049 POC: Jennifer Fisher Driver: Staff	03/10/2017																																																																													

Key Information	<ul style="list-style-type: none"> The Part 21 rulemaking effort was discontinued. As directed in SRM SECY-16-0009, the Commission approved the staff's recommendation to continue with guidance development using the existing regulatory requirements.
Meeting Information	<ul style="list-style-type: none"> Fall 2017 – Public meeting will be held on DG-3049 during the public comment period.

Contact:
Jennifer Fisher
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301-415-1456



ANS 57.11 “ISA Standard”

Regulatory Activity	Revised	2017												2018												2019												2020											
		Jan	Febr	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Febr	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Febr	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Febr	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
ANS 57.11 (ISA) POC: Margie Kotzalas Driver: SRM	12/19/2016	█												█																																			
ANS 57.11 (ISA) POC: Margie Kotzalas Driver: SRM	03/10/2017	█												█																																			

Key Information	<ul style="list-style-type: none"> The draft version of the ANS ISA Standard was returned to the working group in spring 2016 to be reworked. The working group continues to work on revising the draft.
Meeting Information	<ul style="list-style-type: none"> None scheduled.

Contact:
 Margie Kotzalas
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 301-415-7298



Acute Chemical Exposures (Dermal and Ocular)

Regulatory Activity	Revised	2017												2018												2019												2020											
		Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Acute Chem. Exposures (ISG) POC: Marilyn Diaz Driver: Staff/SRM	12/19/2016	↓ Issue ISG Commission																																															
Acute Chem. Exposures (ISG) POC: Marilyn Diaz Driver: Staff/SRM	03/10/2017	↓ Issue ISG																																															

Key Information	<ul style="list-style-type: none"> • Audit reports for all fuel cycle facilities were completed in December 2016. • The Commission Paper regarding the issuance of this ISG and any policy implications related to this guidance was submitted to the Commission in January 2017. • The Commission has converted the information paper into a vote paper. Staff is waiting the Commissioners' votes and Staff Requirements Memorandum.
Meeting Information	<ul style="list-style-type: none"> • None scheduled

Contact:
Marilyn Diaz
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Material Control and Accounting Regulatory Guides

Regulatory Activity	Revised	2017												2018												2019												2020											
		Jan	Febr	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Febr	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Febr	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Febr	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
MC&A Reg. Guides POC: Glenn Tuttle Driver: SRM	12/19/2016	↓ ↓ RGs issued seperately period for RGs																																															
MC&A Reg. Guides POC: Glenn Tuttle Driver: SRM	03/10/2017	↓ ↓ RGs issued seperately Comment period for RG																																															

Key Information	<ul style="list-style-type: none"> • Draft Guide (DG) 5049 - Independent Assessment of Nuclear Material Control and Accounting Systems. DG-5049 was issued in October 2016 as Revision 1 to RG 5.51. • DG-5056 - Material Control and Accounting Physical Inventories and Material Balances. Out for public comment February 24, 2017. • DG-5051 - Shipping, Receiving, and Internal Transfer of Special Nuclear Material. Staff is preparing final issuance package. • DG-5052 - Determination of Uranium or Plutonium: Methods based on the Analysis of Samples. The five regulatory guides consolidated into DG-5052 have been reviewed and will be revised at a future date. • DG-5053 - Determination of Uranium or Plutonium: Nondestructive Assay Methods. The eight regulatory guides consolidated into DG-5053 have been reviewed and will be revised at a future date. • DG-5054 - Design Considerations to Minimize Residual Holdup of Special Nuclear Material in Process Equipment. The three regulatory guides consolidated into DG-5054 have been reviewed and will be revised at a future date. • Two statistics related regulatory guides have been withdrawn - RG 5.3 on statistical terminology and RG 5.18 on limit of error concepts. • Two statistics related regulatory guides are being processed for withdrawal – RG 5.22 on testing data for normality and RG 5.36 on testing for outliers. • DG-5050 - Selection of Material Balance Areas and Item Control Areas. Delayed. TBD.
Public Interaction	<ul style="list-style-type: none"> • February 2017 – April 2017 – DG-5056; 60-day comment period..

Contact:
Glenn Tuttle
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301-415-7230



FCIX

Regulatory Activity	Revised	2017												2018												2019												2020																									
		Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec														
FCIX POC: DyLanne Duvigneaud/Mollie Semmes Driver: Staff	12/19/2016	■	■	■	■	●																			■	■	■	■	●																																		
		FCIX Meeting																								FCIX Meeting																																					
FCIX POC: DyLanne Duvigneaud/Mollie Semmes Driver: Staff	03/10/2017	■	■	■	■	●																			■	■	■	■	●																																		
		FCIX Meeting																								FCIX Meeting																																					

Key Information	<ul style="list-style-type: none"> The FCIX will be held biennially.
Related Documents	<ul style="list-style-type: none"> Link to the NRC public website on the 2017 FCIX http://www.nrc.gov/public-involve/conference-symposia/fcix.html.
Meeting Information	<ul style="list-style-type: none"> The next meeting is scheduled for June 13-14, 2017 at the US Nuclear Regulatory Commission Auditorium in Rockville, MD. Cyber Threat Briefing will be held on June 15, 2017.

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Summary

- **Main Integrated Schedule and Supplement**
- **CER public website:**

<http://www.nrc.gov/materials/fuel-cycle-fac/regs-guides-comm.html#cumeffects>

- **Next meeting – September 2017**