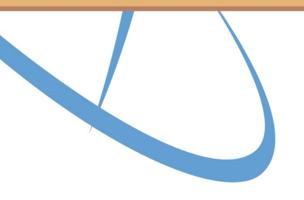
Cumulative Effects of Regulation



September 26, 2017

DyLanne Duvigneaud



Protecting People and the Environment



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.



Protecting People and the Environment

Updated Integrated Schedule

		2017	2018	2019	2020	Comments
Regulatory Activity	Revised	Dec Nov Oct Sept Aug July June May April Marc Febr	Dec Nov Oct Sept Aug July July June May April Marc Febr	Dec Nov Oct Sept Aug July June May April Marc Febr	Dec Nov Oct Sept Aug July June May April Marc Febr	
Part 61 - LLW Disposal POC: Gary Comfort	09/19/2017	↓ 	↓	↓		Commission directed staff to issue a supplemental rule for comment.
Driver: SRM			75-day comment			
Part 73-Enhanced Security for SNM POC: Keith McDaniel/Nick Baker Driver: SRM	09/19/2017					Awaiting Commission direction regarding issuance of proposed and final rule
Enhanced Weapons Rulemaking POC: Robert Beall/Nick Baker Driver: SRM	09/19/2017	→ -	Issue final rule			
Part 73-Cyber Security Rulemaking		A A	\checkmark			
POC: Cardelia Maupin/Matthew Bartlett Driver: SRM-SECY-14-0147	09/19/2017		90-day comment To Commi	ssion Issue final rule		Docket ID – NRC-2015-0179
Part 74-MC&A POC: Thomas Young/Tom Pham Driver: SRM	09/19/2017					
Part 21 - Draft Guidance - 3049 POC: Jennifer Fisher Driver: Staff	09/19/2017					* Part 21 rulemaking is terminated.
ANS 57.11 (ISA) POC: April Smith Driver: SRM	09/19/2017	→ 				
Acute Chem. Exposures (ISG) POC: Marilyn Diaz Driver: Staff/SRM	09/19/2017	To Commission				Awaiting Commission direction regarding issuance of ISG
Financial Assurance for Material Licensees (ISG) POC: Christepher McKenney Driver: Staff	09/19/2017		I Issue ISG			
MC&A Reg. Guides POC: Glenn Tuttle Driver: SRM	09/19/2017	RGs issued s	eperately			
RIS - Unplanned Contamination Events POC: Alayna Pearson Driver: Staff	09/19/2017		↓ ↓ Issue RIS ↓			
RG 3.71, Revision 3 POC: Christopher Tripp Driver: Staff	09/19/2017	↓ ↓ A 1 00-day comm	ent period			
FCIX POC: DyLanne Duvigneaud/Mollie Semmes Driver: Staff	09/19/2017	FCIX Meeting		FCIX Meeting		The FCIX will be held biennially.
		= Reg. Basis/Draft Guidance = Implementation • Meeting occurrence	= Proposed Rule/Draft Guidance = Non-rulemaking/NRC Activities I = Marks a milestone with text	 Final Rule/Final Guidance Change occurred below arrow 	= Public Interaction http://www.nrc.gov/materials/fuel-cycle-fac//	regs-guides-comm.html#cumeffects

Part 61 "Proposed Rule: Low-Level Radioactive Waste Disposal"

		2017	2018	2019	2020		
Regulatory Activity	Revised	Dec Nov Oct Sept Aug July July June May April Marc Febr	Dec Nov Oct Sept Aug July June June May April Marc Febr	Dec Nov Oct Sept Aug July June May April Marc Febr	Dec Nov Oct Sept Aug July June May April Marc Febr		
Part 61 - LLW Disposal POC: Gary Comfort	06/23/2017	\checkmark					
Driver: SRM	00/23/2017						
Part 61 - LLW Disposal		\checkmark	¥	\checkmark			
POC: Gary Comfort Driver: SRM	09/19/2017						
			75-day comment				

Key Information	 The final rule package was submitted to the Commission on September 15, 2016. The Commission issued an SRM on September 8, 2017, directing the staff to issue a supplemental rule for comment.
Meeting	 October 19, 2017 – Public meeting to discuss cost information for the
Information	regulatory analysis.

Contact:

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



Part 73 "Part 73-Enhanced Security for SNM"

		2017	2018	2019	2020			
Regulatory Activity	Revised	Dec Nov Oct Sept Aug July July June May April Marc Febr	Dec Nov Oct Sept Aug July July July May April Marc Febr	Dec Nov Oct Sept Aug July July July May May April Marc Febr	Dec Nov Oct Sept Aug July July July July May April Marc Febr			
Part 73-Enhanced Security for SNM POC: Keith McDaniel Driver: SRM	06/23/2017							
Part 73-Enhanced Security for SNM POC: Keith McDaniel/Nick Baker Driver: SRM	09/19/2017							

Key Information	•	In April 2016, the Commission directed the NRC staff to suspend efforts on the Enhanced Security of SNM rulemaking. Later, the Commission directed staff to interact with DOE in order to share and discuss perspectives and ideas on the material attractiveness approach in the Enhanced Security of SNM Rulemaking. As such, the staff does not anticipate that the rulemaking will resume in FY2017, but could resume in early FY2018.
Meeting Information	•	None Scheduled.

Contact: Keith McDaniel NMSS/MSTR/RPMB 301-415-5252 Contact: Nick Baker NMSS/FCSE/FMB 301-415-7119



Enhanced Weapons, Firearms Background Checks, and Security Event Notifications Rulemaking

		2017	2018	2019	2020			
Regulatory Activity	Revised	Dec Nov Sept Suly July June May April Marc Febr	Dec Nov Oct Sept Aug July July June May April Marc Febr	Dec Nov Oct Sept Aug July July June May April Marc Febr	Dec Nov Oct Sept Aug July July June May April Marc Febr			
Enhanced Weapons Rulemaking POC: Nick Baker Driver: SRM	06/23/2017		Issue final rule					
Enhanced Weapons Rulemaking POC: Robert Beall/Nick Baker Driver: SRM	09/19/2017		Issue final rule					

Key Information	•	The final rule package will be submitted to the Commission December 2017.
Meeting Information	•	None Scheduled.

Contact: Robert Beall NRR/DPR/PRMB 301-415-3874

Contact: Nick Baker NMSS/FCSE/FMB 301-415-7119



Part 73 "Cyber Security"

			2017			2018			2019					2020		
Regulatory Activity	Revised	April Marc Febr Jan	July June May	Dec Nov Oct Sept	May April Marc Febr Jan	Aug July June	Dec Nov Oct Sept	Marc Febr Jan	May April	Aug July	Oct Sept	Dec	.lan	June May April	Aug July	Dec Nov Oct
Part 73-Cyber Security Rulemaking		A	Α													
POC: Cardelia Maupin/Matthew Bartlett	06/23/2017			I	0	1										
Driver: SRM-SECY-14-0147					90-day co	omment To	Commission		Issue fina	al rule						
Part 73-Cyber Security Rulemaking		A	A				\checkmark									
POC: Cardelia Maupin/Matthew Bartlett	09/19/2017	• •		I	10		1									
Driver: SRM-SECY-14-0147					90-day co	omment	To Commi	ssion	Issue fina	al rule						

Key Information	 The Cyber Security Rulemaking Working Group briefed the Committee to Review Generic Requirements (CRGR) on June 27 and July 12, 2017. The CRGR endorsed the Proposed Rule and Draft Regulatory Guide with comments via non-public letter dated August 2, 2017. The proposed rule package was provided to the Office of the Executive Director for Operations (OEDO) on September 7, 2017. The proposed rule package will be submitted to the Commission in October 2017.
Meeting Information	 March 2018 – May 2018, 90-day comment period on proposed rulemaking. March 2018 – Public meetings to support comment period on the proposed rulemaking.

Contact: Cardelia Maupin NMSS/MSTR/RPMB 301-415-2312



Part 74 "Material Control & Accounting of Special Nuclear Material"

		2017	2018	2019	2020		
Regulatory Activity	Revised	Dec Nov Oct Sept Aug July July June May April Marc Febr	Dec Nov Oct Sept Aug July July June May April Mar Febr	Dec Nov Oct Sept Aug July July June May April Marc Febr	Dec Nov Oct Sept Aug July June May April Marc Febr		
Part 74-MC&A POC: Thomas Young/Tom Pham Driver: SRM	06/23/2017	Draft	final rule to Commission				
Part 74-MC&A POC: Thomas Young/Tom Pham Driver: SRM	09/19/2017						

Key Information	 The draft final rule is due to the Commission TBD.
Meeting Information	 TBD - Public meeting with Industry to discuss implementation.

Contact:

Thomas Young NMSS/MSTR/RPMB 301-415-5795 Contact: Tom Pham NMSS/FCSE/MCAB 301-415-7254



Part 21 Draft Guidance -3049

		2017	2018	2019	2020		
Regulatory Activity	Revised	Dec Nov Oct Sept Aug July June May April Marc Febr	Dec Nov Oct Sept Aug July July June May April Marc Febr	Dec Nov Oct Sept Aug July July May April Marc Febr	Dec Nov Oct Sept Aug July July June May April Marc Febr		
Part 21 - Draft Guidance - 3049 POC: Jennifer Fisher Driver: Staff	06/23/2017						
Part 21 - Draft Guidance - 3049 POC: Jennifer Fisher Driver: Staff	09/19/2017						

Key Information	 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	None Scheduled.

Contact:

Jennifer Fisher NMSS/FCSE/PORSB 301-415-1456



ANS 57.11 "ISA Standard"

		2017	2018	2019	2020
Regulatory Activity	Revised	Dec Nov Oct Sept Aug July July June May April Marc Febr	Dec Nov Oct Sept Aug July July June May April Marc Febr	Dec Nov Oct Sept Aug July July July May April Marc Febr	Dec Nov Oct Sept Aug July July July June May April Marc Febr
ANS 57.11 (ISA) POC: Margie Kotzalas Driver: SRM	06/23/2017				
ANS 57.11 (ISA) POC: April Smith Driver: SRM	09/19/2017				

Key Information	 The working group continues to work on revising the draft. The working group chair requested comments on the latest revision to be submitted on September 11, 2017. The working group chair is in the process of reviewing comments.
Meeting Information	None scheduled.

Contact:

April Smith NMSS/FCSE/PORSB 301-415-6547



Acute Chemical Exposures (Dermal and Ocular)

		2017	2018	2019	2020
Regulatory Activity	Revised	Nov Oct Sept Aug July July May April Marc Febr	Dec Nov Oct Sept Aug July July June April Marc Febr Jan	Dec Nov Oct Sept Aug July July July June May April Marc Febr	Dec. Nov Oct Sept Aug July July June May April Marc Febr
Acute Chem. Exposures (ISG) POC: Marilyn Diaz Driver: Staff/SRM	06/23/2017	To Commission			
Acute Chem. Exposures (ISG) POC: Marilyn Diaz Driver: Staff/SRM	09/19/2017	To Commission			

Key Information	•	The Commission converted the information paper into a vote paper. The staff is awaiting Commission direction regarding issuance of ISG.
Meeting Information	•	None scheduled

Contact:

Marilyn Diaz NMSS/FCSE/FMB 301-415-7110



Financial Assurance for Material Licensees (ISG)

		2017	2018	2019	2020
Regulatory Activity	Revised	Dec Nov Oct Sept Sept Aug July July July June May April Marc Febr	Dec Nov Oct Sept Aug July July June May April Marc Febr	Dec Nov Oct Sept Aug July July July May April Marc Febr	Dec Nov Oct Sept Aug July June May April Marc Febr
Financial Assurance for Material Licensees (ISG) POC: Christepher McKenney Driver: Staff	06/23/2017		↓ ↓ I I Issue ISG		
Financial Assurance for Material Licensees (ISG) POC: Christepher McKenney Driver: Staff	09/19/2017		I I I I I I I I I I I I I I I I I I I		

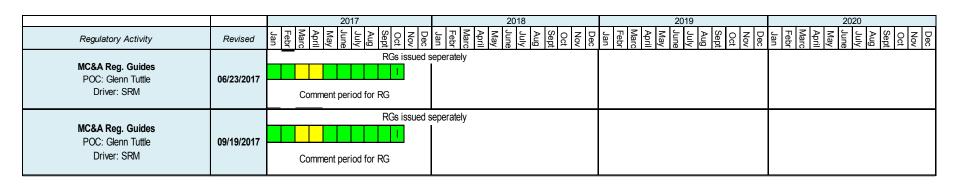
Key Information	•	The draft ISG is scheduled to be completed in February 2018. The final ISG is scheduled to be completed in August 2018.
Meeting Information	•	None scheduled

Contact:

Christopher McKenney NMSS/DUWP/PAB 301-415-6663



Material Control and Accounting Regulatory Guides



Key Information	 DG-5056 - Material Control and Accounting Physical Inventories and Material Balances. Staff is preparing final issuance package. Four statistics related regulatory guides have been withdrawn - RG 5.3 on statistical terminology, RG 5.18 on limit of error concepts, RG 5.22 on testing 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	None scheduled.

Contact:

Glenn Tuttle NMSS/FCSE/MCAB 301-415-7230



RIS - Reporting of Unplanned Contamination Events

		2017	2018	2019	2020
Regulatory Activity	Revised	Nov Oct Sept Aug July July May April Marc Febr	Dec Nov Oct Sept Aug July July June May April Marc Febr Jan	Dec Nov Oct Sept Aug July July July May April Marc Febr	Dec Nov Oct Sept Aug July July June May April Marc Febr
RIS - Unplanned Contamination Events POC: Alayna Pearson Driver: Staff	06/23/2017		↓ ↓ Issue RIS		
RIS - Unplanned Contamination Events POC: Alayna Pearson Driver: Staff	09/19/2017		↓ ↓		

Key Information	 The staff is developing a RIS to clarify the staff position on reporting unplanned contamination events. The draft RIS is scheduled to be released for public comment in April 2018. The final RIS is scheduled to be issued in September 2018.
Public Interaction	 April 2018 - RIS released for public comment April 2018 – June 2018 – 60-day comment period

Contact:

Alayna Pearson NMSS/FCSE/PORSB 301-415-1096



RG 3.71, "Nuclear Criticality Safety Standards for Nuclear Materials Outside Reactor Cores," Revision 3

		2017	2018	2019	2020
Regulatory Activity	Revised	Dec Oct Sept Aug July June May Mari Marc Febr	Dec Nov Oct Sept Aug July June May Mari Marc Febr	Dec Nov Oct Sept Aug July July June May April Marc Febr	Dec Nov Oct Sept Aug July June June May April Marc Febr
RG 3.71, Revision 3 POC: Christopher Tripp Driver: Staff	06/23/2017	60-day commen	t period		
RG 3.71, Revision 3 POC: Christopher Tripp Driver: Staff	09/19/2017	↓ ↓ A	nent period		

Key Information	 This RG applies to license applicants, licensees, and certificate holders authorized under 10 CFR Part 70, 10 CFR Part 71, and 10 CFR Part 72. Draft RG 3.71, Revision 3 (82 FR 40173) was published in the Federal Register for public comment on August 24. 2017.
Public Interaction	August 24, 2017 - October 23, 2017 – 60-day comment period

Contact:

Christopher Tripp NMSS/FCSE/PORSB 301-415-8741



FCIX

		2017	2018	2019	2020
Regulatory Activity	Revised	Nov Oct Sept Aug July July June May April Marc Febr	Dec Nov Oct Sept Aug July July July May April Marc Febr	Dec Nov Oct Sept Aug July June May April Marc Febr	Dec Nov Oct Sept Aug July July June May May April Marc Febr
FCIX POC: DyLanne Duvigneaud/Mollie Semmes Driver: Staff	06/23/2017	FCIX Meeting		FCIX Meeting	
FCIX POC: DyLanne Duvigneaud/Mollie Semmes Driver: Staff	09/19/2017	FCIX Meeting		FCIX Meeting	

Key Information	The FCIX is held biennially.
Related Documents	 Link to the NRC public website on the 2017 FCIX <u>http://www.nrc.gov/public-involve/conference-symposia/fcix.html</u>.
Meeting Information	The next FCIX will be held in June 2019.

Contact: DyLanne Duvigneaud NMSS/FCSE/PORSB 301-415-4010 Contact: Mollie Semmes NMSS/FCSE/ECB 301-415-7486





Summary

- Main Integrated Schedule and Supplement
- CER public website:

http://www.nrc.gov/materials/fuel-cycle-fac/regsguides-comm.html#cumeffects

Next meeting – September 2017