

10 CFR 50.46c Rule Implementation Planning Guidance (draft)

T. W. Eichenberg

EPRI Reg-TAC Chair, Sr. Specialist, TVA

NRC Public Meeting

July 20, 2016 • White Flint, Rockville MD

10 CFR 50.46c Rulemaking

- **SECY Content:**

- §50.46c(p)(2)(i)

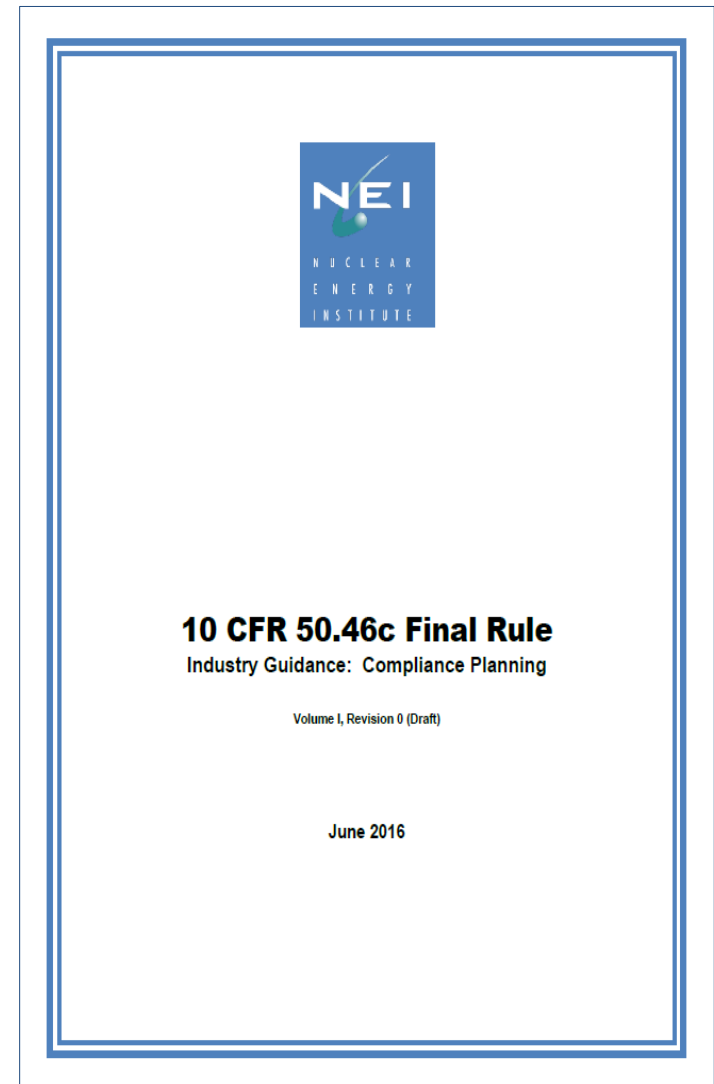
- The implementation plan and schedule must be submitted within 6 months of **[INSERT DATE THAT IS 30 DAYS AFTER THE DATE OF PUBLICATION IN THE *FEDERAL REGISTER*]**, and updated by the licensee every 12 months until the license amendment request has been submitted and docketed by the NRC for review.

NEI Response

- **Industry Guidance Development**
 - Variety of Topics
 - Implementation Planning Templates
 - LAR Templates
 - Long Term Core Cooling
 - TSTF Traveler
 - Review Standard

Implementation Planning

- **Guidance Document**
 - Draft Guidance Provided to Staff
 - Review Feedback to Industry



Implementation Planning

- **Content**
 - Planning Considerations
 - Communication Tool
 - Communication Tool Examples
 - Related Topics

Implementation Planning

- **Planning Considerations**
 - Proprietary Information
 - Timing
 - Fuel Types
 - Analytical Limits
 - Evaluation Models
 - Debris
 - License Amendment Request

Implementation Planning

- **Communication Tool**
 - Part I
 - Non-Proprietary

NEI
Page: A-2

Part I

Licensee Data

Plant Name / Unit(s)		
Docket#		
Contact Point		
LAR Level of Effort		
Time Line Estimate		
Earliest Submittal		
Expected Submittal		
Issuance		
Site Implementation		

Revision Log

Revision	Description	Date
0	Initial Plan	TBD

Cross Reference Index

Description	Attachment

10 CFR 50.46c Final Rule
Industry Guidance: Compliance Planning
Volume 1
Revision 0 (Draft)

Implementation Planning

- **Communication Tool**
 - Part II
 - Proprietary

NEI
Page: A-3

Part II

	Fuel Types		
	1	2	3
Vendor			
Product Line			
Cladding Alloy			

For each planned fuel type, add the next two tables of information:

Fuel Type 1	Analytical Limits	
Analytical Limit	Reference	Status
Post-Quench Ductility		
Break-Away Oxidation		

Fuel Type 1	Evaluation Methods	
Methods	Reference	Status
Hydrogen-Uptake		
Small Break LOCA		
Large Break LOCA		

10 CFR 50.46c Final Rule
Industry Guidance: Compliance Planning
Volume I
Revision 0 (Draft)

Implementation Planning

- **Related Topics**

- Status Monitoring
- Pre-Application Meetings
- Partitioning of LAR
- LAR Work Scope
- TS COLR References
- TSTF-363
- Long Term Core Cooling Guidance

Questions?? / Discussion