

LAR Guidance Revision Project Plan

<i>ISG-06 Rev1</i>				
<i>Task</i>	<i>section affected</i>	<i>Due Date</i>	<i>Complete?</i>	<i>Comment</i>
Draft revision to Enclosure B	Enc. B	6/28/2017	X	Draft includes disposition of all items included in current Enclosure B
Review Enclosure B draft revision	Enc. B	6/28/2017	X	
Discuss (initial) draft Project plan	N/A	6/28/2017	X	
Discuss (initial) Sections D.9 and D.10	D.9 & D.10	6/28/2017	X	To prepare draft for next meeting
** NRC public meeting on June 28, 2017 **				
Draft revision to Sections D.9 and D.10	D.9 & D.10	7/12/2017	X	
Review Sections D.9 and D.10 draft revision	D.9 & D.10	7/13/2017	X	
Discuss (initial) Sections D.7, D.11, and D.12	D.7, D.11, and D.12	7/13/2017	X	To prepare draft for next meeting
Draft Outline for Section D	D	7/12/2017	X	
Review Outline for Section D	D	7/13/2017	X	
Draft Memo per LIC-508 for ISG revision		7/13/2017	X	
Industry response to NRC questions from 6/8/2017 public meeting	N/A	7/13/2017	X	
Discuss Project plan	N/A	7/13/2017	X	Project plan revised per discussion at previous meeting
** NRC public meeting on July 13, 2017 **				
Draft revision to Sections D.7 and D.11	D.7 & D.11	8/3/2017	X	
Review revision to Sections D.7 and D.11	D.7 & D.11	8/10/2017	X	
Draft revision to Section D.12	D.12	8/3/2017	X	
Review revision to Section D.12	D.12	8/10/2017	X	
Clarify Scope of ISG-06 revision	N/A	8/17/2017	X	Re: application-specific SW development process
Discuss (initial) new section for Architecture	<i>new</i>	8/17/2017	X	
Discuss (initial) new section for D.5, Environmental Equipment Qualification	D.5	8/17/2017	X	
Discuss (initial) Section for D.6, Defense-in-Depth & Diversity	D.6	8/17/2017	X	
** NRC public meeting on August 17, 2017 **				
** NRC-NEI bi-weekly telecon on August 28, 2017 **				

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Confirm proposed guidance document type (e.g., ISG, DSRS, etc.) and procedure (e.g., LIC-508). Confirm process steps are as described in Project Plan.		9/21/2017	X	See Action Items 45 and 34
NRC project Memo approved and PM assigned		9/7/2017	X	Memo approved. Have PM, pending internal re-org at NRC.
Draft addition of Architecture section (part 1)	<i>new</i>	9/7/2017	X	
Review Architecture section (part 1)	<i>new</i>	9/14/2017	X	
Draft revision to Sections A and B	A & B	9/7/2017	X	Already in OneDrive.
Review Sections A and B draft revision	A & B	9/14/2017	X	
Discuss (initial) Section C	C	9/21/2017	X	Draft revision C is already in OneDrive
Discuss (Summary of) Application Software Planning and Processes (e.g., V&V, CM)	<i>(new) D.4</i>	9/21/2017	X	
** NRC-NEI bi-weekly telecon on September 12, 2017 **				
** NRC public meeting on September 21, 2017 **				
** NRC-NEI bi-weekly telecon on September 26, 2017 **				
Draft addition of Architecture section (part 2)	<i>new</i>	10/5/2017	X	
Review Architecture section (part 2)	<i>new</i>	10/12/2017	X	
Draft revision to Section D.3 (Summary of) Modification Hardware Planning and Processes (e.g., EQ, EMC)	<i>(new) D.3</i>	10/5/2017	X	This is based on the discussion on August 17 for ISG-06 Rev 1 section D.5, Environmental Equipment Qualification
Review revision to Section D.3 (Summary of) Modification Hardware Planning and Processes (e.g., EQ, EMC)	<i>(new) D.3</i>	10/12/2017	X	This is based on the discussion on August 17 for ISG-06 Rev 1 section D.5, Environmental Equipment Qualification
Draft revision to Section C	C	10/5/2017	X	
Review Section C draft revision	C	10/12/2017	X	
Draft (Summary of) Application Software Planning and Processes (e.g., V&V, CM)	<i>(new) D.4</i>	10/13/2017	X	Date changed from 10/5/2017 due to ongoing discussions with NRC to determine direction on references to BTP 7-14
Review (Summary of) Application Software Planning and Processes (e.g., V&V, CM)	<i>(new) D.4</i>	10/17/2017	X	

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Draft Compliance Matrix for IEEE Standards 603-1991 and 7-4.3.2-2003	<i>(new) D.6</i>	10/9/2017	X	
Draft Guidance for Tier 1, 2, & 3 License Amendment Applications	<i>(new) D.9</i>	10/5/2017	X	
Review Guidance for Tier 1, 2, & 3 License Amendment Applications	<i>(new) D.9</i>	10/13/2017	X	
** NRC-NEI bi-weekly telecon on October 10, 2017 **				
** NRC public meeting on October 17, 2017 **				
Review Compliance Matrix for IEEE Standards 603-1991 and 7-4.3.2-2003	<i>(new) D.6</i>	10/18/2017	X	
** NRC-NEI bi-weekly telecon on October 24, 2017 **				
** NRC-NEI bi-weekly telecon on November 7, 2017 **				
Provide interim Document draft with all reviewed sections incorporated.		10/31/2017	X	Interim draft in OneDrive.
Review interim Document draft		11/9/2017	X	
Discuss (initial) Section for D.5 Platform Topical Report SE Report	<i>(new) D.5</i>	11/16/2017	X	
** NRC public meeting on November 16, 2017 **				
** NRC-NEI bi-weekly telecon on November 21, 2017 **				
Draft revision to D.5 Platform Topical Report SE Report	<i>(new) D.5</i>	11/30/2017	X	
Review industry input and complete the draft of D.5 Platform Topical Report SE Report	<i>(new) D.5</i>	11/16/2017	X	
Draft revision to D.7 Tech Specs	<i>(new) D.7</i>	11/20/2017	X	
Review Industry input and complete the Draft of D.7 Tech Specs	<i>(new) D.7</i>	12/8/2017	X	
Draft revision to D.8 SDOE	<i>(new) D.8</i>	11/20/2017	X	
Review Industry input and complete the Draft of D.8 SDOE	<i>(new) D.8</i>	12/8/2017	X	

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Interim document draft acceptable to support 2018 LAR submittal		1/18/2018		Milestone for industry confidence based on industry / NRC agreement on draft ISG-06 Rev 2 document: NRC comments satisfactorily resolved, no showstoppers identified (or large big picture items that create uncertainty)
Preliminary information in pros and cons to the viability of the process vis a vis system design completion.		12/4/2017	X	This is to support the Dec 5th phone call. This may not happen, but we did discuss in meeting. Proposed by NRC to closed, because will be addressed by SC and OGC buy-in.
** NRC-NEI bi-weekly telecon on December 5, 2017 **				
** NRC public meeting on December 14, 2017 **				
** NRC-NEI bi-weekly telecon on December 18, 2017 **				
Draft revision to Section A and B, Introduction and Purpose	A&B	12/7/2017	X	Changed date to 12/7 from 12/1.
Review Industry input and complete the Draft of Section A and B, Introduction and Purpose	A&B	12/11/2017	X	Changed date to 12/11 from 12/8.
Discuss proposed changes with OGC		1/18/2018	X	
Staff to engage with Inspection branch		1/18/2018	X	
Staff to engage with DORL branch		1/18/2018	X	
ISG-06 revision 2 complete (all sections updated and incorporated)		12/11/2017	X	
Review Document Revision 0 Draft with all NRC team, team management, DORL, and steering committee with general agreement on the process and outstanding comments incorporated		1/18/2018		
Review draft ISG to be attached to FRN		1/18/2018		Should be moved to before 86, and need NRC to draft as a new item.
** NRC public meeting on January 18, 2018 **				

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Provide Document Revision 2 draft with all reviewed sections incorporated.		1/31/2018	X	1/31/2018 or sooner if NRC MP4 team (and Steering Committee and MP4 team management) general alignment is achieved and outstanding comments incorporated to their satisfaction
** NRC public telecon on February 22, 2018 **				
Tech edits complete (and incorporated)		3/[12](27)/2018	X	
** NRC public telecon on March 29, 2018 **				
(Comments received from) Various NRC program offices for review, comment[, and concurrence.]		4/5/2018		Which program offices? (Operating Reactor Licensing, Vendor Inspection branches, I&C branches) (human factors engineering, Regions)
(Received comments from) Early "fatal flaw" review by Office of General Counsel (OGC) on draft ISG [and FRN]		4/5/2018		[ACRS and OGC review can be done in parallel.] [We will send] (Sent) to OGC for an early ("fatal flaw") review.
Concurrence on draft (ISG) by DI&C Steering Committee		4/12/2018		
Finalize FRN memo		4/12/2018		
** NRC public telecon on April 12, 2018 **				
Send Draft ISG-06 Revision to ACRS one month before ACRS Sub-committee meeting		4/17/2018		
Send Draft ISG-06 Revision to various NRC divisions for Concurrence		4/17/2018		Divisions for I&C, Operating Reactor Licensing, Human Factors Engineering, Vendor Inspection, Inspection and Regional Support
ACRS I&C sub-committee meeting		5/17/2018		
NRC Concurrences achieved		5/17/2018		
ACRS I&C Full Committee meeting		6/7/2018		In the meeting it sounded like the process had you go back to ACRS after public comments were incorporated.
** NRC-Industry table top exercise on June 13-14, 2018 **				
Publish FRN with Draft ISG-06 revision for public comment		7/24/2018		
Review draft ISG to be attached to FRN				

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Incorporate public comments		9/21/2018		
NLO by OGC for final version with public comments incorporated		9/14/2018		
Congressional Review Act (CRA) and Office of Management and Budget reviews complete (Complete)		[December] (September)		This occurs later in the process when the FINAL version is basically ready to be issued.
Review by Committee to Review Generic Requirements (CRGR) (Complete)		[December] (September)		
Pre-application meeting for lead plant with NRC		2019		Date is dependent on ACRS and OGC review outcomes(. Pareez will provide an updated date.)
Publish final ISG-06 Revision 2		12/31/2018		
** Lead Plants Lesson Learned Incorporation into ISG-06 Rev 2 Prior to Incorporation into Durable Guidance **				
<i>Post-Lead Plants' LAR Submittal</i>				
<i>Post-Lead Plants' Acceptance Review</i>				
<i>Post-Lead Plants' RAI response acceptance</i>				
<i>Post-Lead Plants' SE Report Draft</i>				
<i>Post-Lead Plants' LA Issuance</i>				
<i>Post-Lead Plants' Inspection</i>				

- Notes:**
1. Note that this schedule is expected to evolve over time.
 2. Assumption of revised ISG-06 MP #4a scope: