

R/10

SOARCA Documents Review/Approval Process

- **NUREG-1935**, State-of-the-Art Reactor Consequence Analyses – Summary Report, **NUREG-1935, Appendix A**, Peach Bottom Integrated Analysis and **NUREG-1935, Appendix B**, Surry Integrated Analysis
- **NUREG/CR-7008**, MELCOR – Reactor Core Melt Accident Simulation – Best Practices from State-of-the-Art Reactor Consequence Analyses Study
- **NUREG/CR-7009**, MACCS2 – Calculated Environmental Impact of Reactor Core Melt Accidents – Best Practices from State-of-the-Art Reactor Consequence Analyses Study
- **NUREG/BR-0471**, Modeling Hypothetical Accidents at Nuclear Power Plants – State-of-the-Art Reactor Consequence Analyses

Activity	Due	Lead	Notes/Status
Provide draft NUREG, Rev. 0 to Peer Review Committee	July 2, 2009	Shawn (SNL)	COMPLETE
Incorporate Peer Review comments	Monday Jan 15, 2010	Shawn (SNL) Jason (NRC) Marty (NRC)	COMPLETE
Conduct NRC <u>technical</u> review of draft NUREG and NUREG/BR	Friday Jan 29, 2010	Mark (NRC)	COMPLETE
Incorporate NRC technical reviewer comments and complete technical-editing	Friday Feb 5, 2010	Shawn (SNL) Mark & NRC Leads	COMPLETE
Provide draft NUREG to peer review committee for 3 rd meeting	Tuesday Feb 15, 2010	SNL	COMPLETE
Brief DSA mgmt on draft NUREGs (& peer review comments)	Thursday Feb 22, 2010	Scott Elkins	COMPLETE
Conduct 3 rd Peer Review Committee Meeting	Tues., Wed. Mar 2-3, 2010	SNL/NRC	COMPLETE
Brief RES mgmt on draft NUREGs (& peer review comments)	Monday Mar 15, 2010	Scott Elkins	
Brief SOARCA Steering Committee on draft NUREGs (& peer review results)	Monday Mar 15, 2010	Scott Elkins	NOTE: Brief steering committee every 3 months

Activity	Due	Lead	Notes/Status
Brief Commission TAs on status of SOARCA Project	Thursday Mar 18, 2010	Scott Elkins	NOTE: Brief Commission TAs every 6 months. Current ATMIS due date: 3-17-10
Complete development of NUREG/CR for MELCOR and MACCS2	?	SNL	SNL to develop NUREG/CR from MELCOR and MACCS2 using information in Vol. 2 of original SOARCA NUREG and new input from NRC & SNL Technical Leads.
NRC completes technical review of MELCOR and MACCS2 NUREG/CRs	?	Scott Elkins	SNL to submit documents for review by NRC Technical leads. NRC to have 2 weeks to review NUREG/CRs and SNL to have 1 week to revise NUREG/CRs per comments
Brief DEDO on status of SOARCA	Tuesday Mar 23, 2010	Scott Elkins	NOTE: Brief DEDO every 3 months
Provide draft NUREGs to NRC offices for review/comment.	Week of Mar 29, 2010	Scott Elkins	Via memo from J. Uhle
Submit NUREG to Peach Bottom and Surry for Fact-Checks.	Week of Mar 29, 2010	Rich Guzman	NRR and OPA in communication with Peach Bottom & Surry
Incorporate comments from peer review, NRC offices, Surry & Peach Bottom	Monday Apr 12, 2010	SNL/NRC	SNL controls master for all documents.
Complete technical-editing	Monday Apr 19, 2010	SNL	SNL will complete technical editing of NUREG and NUREG/CRs. Completed documents will be considered Revision 2. Completed Revision 2 documents will be transferred to NRC control.
Revision 2 of Draft NUREG, and NUREG/CRs – MASTER DOCUMENT CONTROL TRANSFERRED TO NRC --			
Provide draft Rev. 2 NUREG, NUREG/CRs and NUREG/BR to DSA management	Wednesday Apr 21, 2010		
Provide draft NUREG, NUREG/CRs and NUREG/BR to OGC and ACRS Subcommittee	Monday Apr 26, 2010		Via memo from J. Uhle (NUREG/BR is provided for information)
ACRS Subcommittee Meeting	May 2010		
Brief DEDO on status of SOARCA	Mid-June 2010		NOTE: Brief DEDO every 3 months

Activity	Due	Lead	Notes/Status
ACRS Committee Meeting	June 2010		NOTE: Full committee meeting may be public and will be first public availability of NUREG document.
Incorporate comments from OGC and ACRS	June 2010		
Complete RES and SOARCA Steering Committee review and concurrence on draft NUREG, NUREG/CR, and NUREG/BR	Tuesday June 29, 2010		
Brief DEDO on status of SOARCA	Mid-July 2010		NOTE: Brief DEDO every 3 months
Complete technical-editing of Rev. 3	Tuesday July 27, 2010		
Revision 3 of the Draft NUREG, NUREG/CR, and NUREG/BR – MASTER DOCUMENT CONTROLLED BY NRC --			
Provide draft NUREG, NUREG/CR and NUREG/BR to DSA management	Tuesday July 27, 2010		
Brief RES management on draft NUREG, NUREG/CR and NUREG/BR	Wednesday July 28, 2010		
Brief SOARCA Steering Committee on draft NUREG, NUREG/CR and NUREG/BR	Thursday July 29, 2010		
Release draft NUREG for public review and comment.	Friday July 30, 2010		Use NUREG/BR as a communication tool
Provide final NUREG and NUREG/CR to ACRS & OGC	Monday Aug 2, 2010		<i>(OGC gets NUREG/CR for information only)</i>
Brief Commission TA's on status of SOARCA Project	Mid-August 2010		Brief Commission TAs every 6 months
Conduct Public Meetings at Peach Bottom and Surry NPPs	Aug 16 – 25, 2010		<i>(If necessary)</i>
Conduct ACRS meeting	Sept. 2010		Open to public.

Activity	Due	Lead	Notes/Status
Incorporate comments from public, ACRS & OGC – complete final quality check for NUREG, NUREG/CR, and NUREG/BR	Sept 1 – 30, 2010		
Complete final technical edit of draft NUREG, NUREG/CR, and NUREG/BR	Sept 2010		
Complete NRC Offices final review and concurrence of NUREG, /CR & /BR	Oct 1 – 21, 2010		
Brief EDO on status of SOARCA	Mid-Oct 2010		Brief EDO Every 3 months
Conduct final SOARCA Steering Committee Briefing	Thursday Oct 21, 2010		
Present NUREG and recommendations to Commission	Thursday Oct 28, 2010		Ultimate Target Date for SOARCA project