

11/04
New Plant Licensing Issues - 9/30/04

COL/CIP Topic		Priority / Time Frame	Discussion/ Resolution Vehicle	Interim Milestone(s)	Contractor Support
COL-1	Develop nominal NRC review/hearing timeline(s) and identify opportunities to optimize the COL licensing process	2005	NEI/NRC exchange of letters	<ul style="list-style-type: none"> 11/03 - Preliminary NRC timetable developed 	Proposed
COL-2	Develop COL application format and content guidance, including detailed outline and generic material (NEI 04-01)	Phase1 -12/04 Phase2 -12/05	<ul style="list-style-type: none"> NEI 04-01 	<ul style="list-style-type: none"> 11/20/03 initial meeting w/NRC 1/12/04 letter to NRC 3Q04 - Detailed COLA outline 4Q04 - Rev. 0 NEI 04-01 	Various-Proposed
COL-2.a	Determine the treatment of operational programs in a COL application <ul style="list-style-type: none"> - include resolution of programmatic ITAAC include development of list and scope of operational programs to be included in the COL application 	4Q04	<ul style="list-style-type: none"> NEI-04-01 	<ul style="list-style-type: none"> 8/25/03 NRC Workshop 9/15/03 industry comments 5/14/04 SRM 	
COL-2.b	Development of COLA guidance on ESP - COL interface issues and identify and assess issues peculiar to the no-ESP scenario and the adequacy of existing guidance to support that scenario.	2004/05	<ul style="list-style-type: none"> NEI 04-01 	<ul style="list-style-type: none"> 3Q04 - COLA detailed outlines 4Q04 - Rev. 0 NEI 04-01 	Proposed
COL-2.c	Development of COLA guidance on the form and content for the emergency planning ITAAC	4Q04	<ul style="list-style-type: none"> SECY-04-xxxx NEI-04-01 	<ul style="list-style-type: none"> 1/29/04 NRC proposal 4/27/04 NRC 	

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	required by Part 52			workshop	
COL-2.d	Development of COLA guidance for providing required plant-specific design information and associated ITAAC	2004/05	• NEI 04-01	• 3Q04 – COLA detailed outlines • 4Q04 – Rev. 0 NEI 04-01	Proposed
COL-2.e	Define and address seismic-related issues that need to be resolved to support COL applications and reviews Includes development of alternative ASCE methodology using a pilot site (TVA or Exelon)	2004/05	• NEI 04-01		Various proposed
COL-2.f	Development of COLA guidance on Chapter 19 of the FSAR specific PRA's	2004/05	• NEI-04-01		Proposed
COL-2.g	Development of guidance for completion of design acceptance criteria (e.g., human factors, control room design, digital I&C) in certified designs	2004/05	• NEI-04-01		Proposed
COL-2.h	Development of COL form and content, including NRC findings, license conditions, etc.	2005	• NEI 04-01		Proposed

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COL-2.i	Development of guidance on plant-specific technical specifications, use of lessons learned since the issuance of the ALWR design certifications.	2004/05	• NEI 04-01		
COL-2.j	Modular plant licensing issues	TBD	TBD	• NEI 6/17/02 white paper	
COL 2.k	Development of a reliability assurance program to address both design RAP and Operational RAP	2004/05	TBD	TBD	
COL-3	Establish a common understanding with NRC regarding the Engineering Design Verification process	2004/05	• NRC Insp. Guidance • Phase 2 of CIPIMS project	• 8/27/03 NRC Workshop • 10/30/03 industry comments • NEI 11/01 white paper • 4/04 NUREG 1789	
COL-4	Establish a common understanding with NRC regarding the ITAAC Verification process	2004/05	• NRC Insp. Guidance • Phase 2 of CIPIMS project	• 8/27/03 NRC Workshop • 10/30/03 industry comments • NEI 11/01 white paper • April 04 NUREG 1789	Westinghouse
COL-5	Establish a common understanding with NRC regarding the 10 CFR 52.103	complete	• NEI/NRC exchange of letters	• 11/20/03 NRC feedback on NEI 11/01 white paper	

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	ITAAC hearing process			<ul style="list-style-type: none"> • 3/12/04 NEI response 	
COL-6	<p>Establish a common understanding with NRC regarding the process for assuring operational readiness and transition to operation under Part 52</p> <p>Include commissioning and testing post fuel load</p>	2005	<ul style="list-style-type: none"> • NRC Insp. Guidance 	<ul style="list-style-type: none"> • NEI 11/01 white paper • 8/27/03 NRC Workshop • 10/30/03 industry comments • NUREG 1789 	
COL-7	Maximize the clarity and effectiveness of Part 52 requirements	2005/06	<ul style="list-style-type: none"> • Supplemental NOPR (proposed mid-05) 	<ul style="list-style-type: none"> • 9/16/03 & 9/30/03 industry comments on July 03 Part 52 NOP 	Proposed
COL-8	<p>Establish in NRC regulations appropriate financial measures and options for merchant nuclear power plants to provide reasonable assurance that:</p> <p>(a) adequate funds would be available to fund decommissioning activities when they occur, and</p> <p>(b) sufficient financial capability exists to fund plant operations</p> <p>(c) updated antitrust requirements</p>	TBD	TBD		

**NEW PLANTS (NP) ISSUES OUTSIDE SCOPE OF COOPERATIVE AGREEMENT
WITH DOE ON COL-RELATED ISSUES**

New Plants Topic		Priority / Time Frame	Discussion/ Resolution Vehicle	Interim Milestone(s)	Contractor Support
NP-1	ESP generic issue resolution (e.g., EP major features)	2005	TBD		
NP-2	Development of the New Regulatory Framework	2007	TBD		
NP-3	Fuel cycle and transportation environmental impacts	2005? DOE to confirm	TBD		Proposed (DOE)