Equipment	Separate Effects Testing	Integrated Plant	Operator	Portable Equipment
Groups		Response Testing	Timeline	Testing
			Testing	
Modes 5 and 6	ITAAC – For Phase 1 event mitigation,	Integrated plant	Operator actions	COL Applicant will utilize
RCS Cooling	demonstrate that accumulator addition rate is	response for Modes 5	and staffing	industry developed
(SGs not	established/fixed such that sufficient flow is	and 6 RCS cooling is	would confirm	guidance (e.g., Owners
available)	provided to remove core decay heat.	demonstrated by	sequence of	Groups, EPRI) to address
		analysis. No integrated	events timeline	the portable equipment
	Technical Specification Testing 3.5.1 and 3.4.10	plant response testing.	for Modes 5 and	testing criteria in NEI 12-06
	(e.g., accumulator volume and boron		6 RCS cooling.	(e.g., self-powered, low
	concentration, pressurizer safety relief valves are			pressure, RCS makeup
	operable in accordance with Inservice Testing			pump).
	Program).			
	Initial Test Program – The ITP includes the			
	following:			
	• Accumulators, #015 (e.g., valves function as			
	designed, alarm/interlocks and controls			
	function as designed)			
	 PSRVs, #037 and #151 (e.g., PSRV capacity 			
	meets design requirements, PSRVs function			
	as described in Tier 2 Section 5.4)			
	 RCS Makeup in Modes 5 and 6 – Phase 2, 			
	#058 (e.g., verify that accumulator addition			
	rate exceeds design requirement, verify that			
	pump flow rate and developed head meet			
л	design requirements)			



Equipment	Separate Effects Testing	Integrated	Operator	Portable
Groups		Plant	Timeline	Equipment
		Response	Testing	Testing
		Testing		
Containment	Initial Test Program – The ITP	Integrated plant	Operator actions	COL Applicant will
Depressurization	includes the following:	response for	and staffing	utilize industry
	• Containment Purge, #076	containment	would confirm	developed
	(e.g., containment purge	depressurization	sequence of	guidance (e.g.,
	valves meet design	is demonstrated	events timeline	Owners Groups,
	requirements)	by analysis. No	for containment	EPRI) to address
	Severe Accident Heat	integrated plant	depressurization	the portable
	Removal System, #018 (e.g.,	response testing.		equipment testing
	SAHRS spray header nozzles			criteria in NEI 12-06
	are unobstructed)			(e.g., self-powered,
				containment spray
				pump).





Equipment Groups	Separate Effects Testing	Integrated Plant Response Testing	Operator Timeline Testing	Portable Equipment Testing
Spent Fuel	Initial Test Program – Spent Fuel	Integrated plant	Operator	COL Applicant will
Cooling	Spray, # 050 (e.g., verify spray flow	response for	actions and	utilize industry
	rate meets minimum/maximum	spent fuel	staffing would	developed guidance
	design limits, verify that Spent Fuel	cooling is	confirm	(e.g., Owners
	Spray valve performance meets	demonstrated by	sequence of	Groups, EPRI) to
	design requirements).	analysis. No	events timeline	address the portable
		integrated plant	for spent fuel	equipment testing
		response testing.	cooling.	criteria in NEI 12-06
				(e.g., self-powered,
				SFP makeup pump).





Equipment Groups	Separate Effects Testing	Integrated Plant Response Testing	Operator Timeline Testing	Portable Equipment Testing
Repower Electrical Equipment	Initial Test Program – ELAP Diesel Generator, #138 (e.g., verify ELAP diesel generator meets endurance and margin requirements, demonstrate hot restart functional capability).	Integrated plant response for repowering electrical equipment is demonstrated by analysis. No integrated plant response testing.	Operator actions and staffing would confirm sequence of events timeline for repowering electrical equipment.	COL Applicant will utilize industry developed guidance (e.g., Owners Groups, EPRI) to address the portable equipment testing criteria in NEI 12-06 (e.g., portable diesel generator).
Area Ventilation	No Technical Specification Testing or Initial Test Program tests with respect to loss of ventilation testing in pertinent plant areas (e.g., electrical equipment areas).	Integrated plant response for area ventilation is demonstrated by analysis. No integrated plant response testing.	Operator actions and staffing would confirm sequence of events timeline for area ventilation.	COL Applicant will utilize industry developed guidance (e.g., Owners Groups, EPRI) to address the portable equipment testing criteria in NEI 12-06 (e.g., portable fans).



NRC Fukushima Next Interactions

Proposed Date	Scope	Interaction Type
Tuesday 4/16/2013	NRC Pre-Submittal Public Meeting on Draft Technical Report	Meeting intent fulfilled by 1/15/2013, 3/5/2013, and 4/3/2013 meetings
Tuesday 4/16/2013	DCWG Meeting	Public Meeting
Tuesday 4/30/2013	AREVA submits RAI 563 response and Technical Report	Submittal
Week of 6/10/2013	NRC Public Meeting to Provide Feedback on Technical Report	Public Meeting



