

Proposed ROP Baseline Samples Following Site Organization Integration and Change Bases for Vogtle Units 3 and 4

Inspection Procedure		Vogtle Units 3 and 4			Basis for Sample Size Determination
		Minimum	Nominal	Maximum	
71111, Reactor Safety—Initiating Events, Mitigating Systems, Barrier Integrity					
71111.01*	Adverse Weather Protection	1	3	4	Sitewide implementation. Maximum samples.
71111.04	Equipment Alignment (Partial)	2	3	4	Fewer safety-related high and intermediate important structures, systems, and components (SSCs).
	Equipment Alignment (Complete)	0	1	2	Most high and intermediate important SSCs located inside containment. Only accessible during outage.
71111.05	Fire Protection (Annual)	1	1	1	No change. Technology-neutral inspection.
	Fire Protection (Quarterly)	6	7	8	AP1000 has fewer fire areas than a conventional reactor.
71111.06	Flood Protection Measures	1	1	2	Unique to AP1000 design, site not susceptible to external flood. Limited internal flood risk.
71111.07	Heat Sink Performance (Annual)	1	1	1	Two main heat exchangers, containment and passive residual heat removal. Passive will be inspected every alternating IP frequency.
	Heat Sink Performance (Triennial)*	2	3	4	Sitewide implementation. Maximum samples.
71111.08	Inservice Inspection Activities (PWR)	1	1	1	Nominal sample range for “as needed” inspection.
71111.11	Licensed Operator Requalification Program and Licensed Operator Performance (Annual)	1	1	1	No change. Technology-neutral inspection.
	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	1	1	1	No change. Technology-neutral inspection.
	Licensed Operator Requalification Program and Licensed Operator Performance (Quarterly)	8	8	8	No change. Technology-neutral inspection.

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		Minimum	Nominal	Maximum	
71111.12	Maintenance Effectiveness	3	4	5	Fewer safety-related high and intermediate important SSCs.
71111.13	Maintenance Risk Assessments and Emergent Work Control	7	8	9	Fewer safety-related high and intermediate important SSCs.
71111.15	Operability Determinations and Functionality Assessments	9	10	11	Fewer safety-related high and intermediate important SSCs.
71111.17T*	Evaluations of Changes, Tests, and Experiments	18	28	37	Sitewide implementation. Maximum samples.
71111.18	Plant Modifications	2	2	3	Fewer safety-related high and intermediate important SSCs.
71111.19	Post-Maintenance Testing	9	10	11	Fewer safety-related high and intermediate important SSCs.
71111.20	Refueling and Other Outage Activities	1	1	1	Nominal sample range for “as needed” inspection. Additional guidance for unique AP1000 aspects.
71111.21M*	Design Bases Assurance Inspection	9	12	15	Sitewide implementation. Maximum samples.
71111.21N.02*	Design-Basis Capability of Power-Operated Valves under 10 CFR 50.55a Requirements	8	10	16	Sitewide implementation. Increase to 16 samples to address unique AP1000 aspects.
71111.21N.05*	Fire Protection Team Inspection (FPTI)	5	8	10	Sitewide implementation. Increase to 10 samples to address unique AP1000 aspects.
71111.22	Surveillance Testing	6	7	8	Fewer technical specification SSCs.

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71114, Reactor Safety—Emergency Preparedness					
71114.01*	Exercise Evaluation	1	1	1	Sitewide implementation. Maximum samples.
71114.02*	Alert and Notification System Testing	1	1	1	Sitewide implementation. Maximum samples.
71114.03*	Emergency Response Organization Staffing and Augmentation System	1	1	1	Sitewide implementation. Maximum samples.
71114.04*	Emergency Action Level and Emergency Plan Changes	1	1	1	Sitewide implementation. Maximum samples.
71114.05*	Maintenance of Emergency Preparedness	1	1	1	Sitewide implementation. Maximum samples.
71114.06*	Drill Evaluation	3	3	3	Sitewide implementation. Maximum samples.
71114.07*	Exercise Evaluation—Hostile Action (HA) Event	1	1	1	Sitewide implementation. Maximum samples.
71114.08*	Exercise Evaluation—Scenario Review	1	1	1	Sitewide implementation. Maximum samples.
71124, Radiation Safety—Public and Occupational					
71124.01	Radiological Hazard Assessment and Exposure Controls (Annual)	10	10	16	Sitewide implementation. Maximum samples.
71124.02	Occupational ALARA Planning and Controls (Biennial)	9	12	15	Sitewide implementation. Maximum samples.
71124.03	In-Plant Airborne Radioactivity Control and Mitigation (Biennial)	4	4	6	Sitewide implementation. Maximum samples.
71124.04	Occupational Dose Assessment (Biennial)	4	4	8	Sitewide implementation. Maximum samples.
71124.05	Radiation Monitoring Instrumentation (Biennial)	17	17	28	Sitewide implementation. Maximum samples.
71124.06*	Radioactive Gaseous and Liquid Effluent Treatment (Triennial)	9	9	16	Sitewide implementation. Maximum samples.
71124.07*	Radiological Environmental Monitoring Program (Triennial)	3	3	3	Sitewide implementation. Maximum samples.

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71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation (Biennial)	8	8	15	Sitewide implementation. Maximum samples.
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		Minimum	Nominal	Maximum	
71130—Security					
71130.01*	Access Authorization	1	1	1	Sitewide implementation. Maximum samples.
71130.02*	Access Control	1	1	1	Sitewide implementation. Maximum samples.
71130.03*	Contingency Response—Force-on-Force Testing	1	1	1	Sitewide implementation. Maximum samples.
71130.04*	Equipment Performance Testing and Maintenance	1	1	1	Sitewide implementation. Maximum samples.
71130.05*	Protective Strategy Evaluation and Performance Evaluation Program	2	2	2	Sitewide implementation. Maximum samples.
71130.06*	Protection of Safeguards Information	1	1	1	Sitewide implementation. Maximum samples.
71130.07*	Security Training	1	1	1	Sitewide implementation. Maximum samples.
71130.08*	Fitness-for-Duty Program	1	1	1	Sitewide implementation. Maximum samples.
71130.11*	Material Control and Accounting (MC&A)	1	1	1	Sitewide implementation. Maximum samples.
71130.14*	Review of Power Reactor Target Sets	1	1	1	Sitewide implementation. Maximum samples.
Other Baseline Inspection Procedures					
71151	Performance Indicator Verification	12	12	12	18 performance indicators to verify in accordance with SECY-18-0091. Security, emergency preparedness, and radiation protection performance indicators are common to the entire site.
71152*	Problem Identification and Resolution (Annual)	4	6	8	Sitewide implementation. Maximum samples.

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	Problem Identification and Resolution (Semiannual)	2	2	2	Sitewide implementation. Maximum samples.
	Problem Identification and Resolution (Biennial)	1	1	1	Sitewide implementation. Maximum samples.
71153	Followup of Events and Notices of Enforcement Discretion	1	1	1	Nominal sample range for “as needed” inspection.

* Common Sitewide Program Baseline Inspection Procedures