

Operational Programs Reviewed in a Combined License Application

Table 1: Operational Programs Identified by the Nuclear Energy Institute (NEI):

Operational Programs Listed in NEI Letter Dated May 14, 2001	Operational Programs Listed in NEI Letter Dated August 31, 2005	Applicable Regulations (10 CFR)	Required Implementation Milestone (10 CFR)	SRP Section
Containment Leak Rate Testing	Containment Leakage Rate Testing	Part 50, Appendix J	Appendix J, Option A, Section III: Type A, B, and C test: prior to any reactor operating period. Appendix J, Option B, Section III.A: Type A test: after the containment has been completed and is ready for operation Type B & C tests: prior to initial criticality.	6.2.6
Emergency Plan	Emergency Preparedness	50.47 Part 50, Appendix E	Appendix E.IV.F.2.a: (1) full participation exercise within two years before issuance of first operating license for full power; and (2) onsite exercise within one year before issuance of operating license for full power. Appendix E.V: detailed implementing procedures submitted within 180 days prior to scheduled issuance of an operating license.	13.3
Fire Protection	Fire Protection	50.48	None specified.	9.5.1
Maintenance Rule	Maintenance Rule	50.65	None specified.	17.X (future)

Operational Programs Listed in NEI Letter Dated May 14, 2001	Operational Programs Listed in NEI Letter Dated August 31, 2005	Applicable Regulations (10 CFR)	Required Implementation Milestone (10 CFR)	SRP Section
Licensed Operator	Operator Training	55.13 55.31 55.41 55.43 55.45	None specified.	13.2.1
	Operator Requalification	50.54(i) 50.34(b) 55.59	50.54(i-1): Within three months after issuance of an operating license.	
Training	Plant Staff Training	50.120	50.120(b): 18 months prior to fuel load.	13.2.2
Security Plan	Physical Security	50.54(p) 73.55 73.20	None specified.	13.6
Access Authorization	Weapons training and weapons qualification and requalification	Part 73, Appendix B		
Fitness for Duty	Vehicle Control	73.55		
	Access Authorization	73.56		
	Fitness for Duty	Part 26		
Radiation Protection	Radiation Protection	20.1101	None specified.	12.5

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[not included]	Reactor Vessel Material Surveillance	50.60 50.61 Part 50, Appendix G, Appendix H	None specified.	5.3.1
[not included]	Process and Effluent Monitoring and Sampling	Part 50, Appendix I	None specified.	11.5
Quality Assurance	Quality Assurance - Operation	Part 50, Appendix B	None specified.	17.5 (future)
Inservice Inspection/Inservice Testing	Preservice Inspection	50.55a(g)	None for commencing program; American Society of Mechanical Engineers (ASME) Code Section XI, IWB-2200 (a), specifies examinations shall be completed prior to initial plant startup.	5.2.4 6.6
	Inservice Inspection		ASME Code Section XI, IWA-2430(b): placement of the plant into commercial service.	
	Preservice Testing	50.55a(f)	None for commencing program; ASME OM Code, ISTA-2000 defines preservice test period as period of time following completion of construction activities related to the component and before first electrical generation by nuclear heat.	3.9.6
	Inservice Testing		ASME Operation and Maintenance Code, ISTA-2000: after first electrical generation by nuclear heat.	

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Equipment Qualification	Equipment Qualification	50.49	None specified.	3.11
Reportability	[not included]	50.72 50.73 Part 21 50.55(e)	None specified.	None

Table 2: Operational Programs Identified by NRC:

Operational Program	Applicable Regulations (10 CFR)	Required Implementation Milestone (10 CFR)	SRP Section
Motor-Operated Valve Testing	50.55a(b)(3)(ii)	None specified.	3.9.6
Safeguards Contingency Plan	50.34(d) Part 73, Appendix C	None specified.	13.6