

APPENDIX I

PURPOSE

The purpose of this appendix is to list the current inspection procedures (IPs) that are applicable to construction and major modification activities, along with condensed scheduling information.

IP Number	Procedure Short Title	INSPECTION SCHEDULE		
		May Start	Must Start	Must Complete
<u>Management Meetings</u>				
30050	CP Corp. Mgmt. Mtg.	(CP issuance	1 month)	
30702	Management Meeting	200	As needed	340
30703	Management Meeting - Entrance & Exit		(Every routine inspection)	
<u>Quality Assurance</u>				
35020	Audit of Applicant's Surveillance of Contractor QA/QC	5 mo. After docketing	As needed	-----
35060	Lic. Mgt. of QA Act. Initial Insp.	----	CP + 6 mo.	----
	Subsequent	----	----	Every 18 months
35061	In-Depth QA Insp. of Performance	----	----	Annually
35065	Procurement, Rec'g. and Storage Initial Insp.	----	CP + 12 mo.	----
35100	Review of QA Manual		(As referenced in applicable IPs)	
35960	QA Prog. Evaluation of Engrg. Serv. Org.		(As required)	

IP Number	Procedure Short Title	INSPECTION SCHEDULE		
		May Start	Must Start	Must Complete
<u>10 CFR 21</u>				
36100	Part 21 Inspection Initial	----	Early const. for constr. mgr./ vendors, as req.	----
	Subsequent	----	Major subs. and vendors, as req.	----
<u>Design and As-Built Verification</u>				
37051	Verif. of As-Builts	----	One year before operating lic.	----
37055	On-Site Design Act. Initial	----	6 mo. after activity starts	----
	Subsequent	----	----	Every 18 mo.
<u>Fire Prevention and Protection</u>				
42051	Fire Prot./Prev. Procedures	After work is started	Before work is 20% complete	Before work is complete
<u>Geotechnical/Foundation Activities</u>				
45051	Procedure Review	6 mo. before work starts	1 mo. before work starts	Before signif. work starts
45053	Work Observation	After work is started	6 mo. after work starts	Before work is complete
45055	Record Review	With IP 45053	Before 9 mo. of work	Completed work + 6 mo.
<u>Structural Concrete</u>				
46051	Procedure Review	3 mo. before CP or LWA	Before work is started	Before con- tainment ext. walls are placed

IP Number	Procedure Short Title	INSPECTION SCHEDULE		
		May Start	Must Start	Must Complete
46053	Work Observation	When placement is started	Before containment basemat is placed	After last significant placement
46055	Record Review	With IP 46053	Before 9 mo. of CAT I placement	CAT I placement complete + 6 mo.
46061	Structural Masonry First Inspection	Before Masonry Work is started	Before work is 30% complete	Before work is 75% complete
	Second Inspection	After work is 50% complete	After work is 75% complete	When work is Completed + 3 mo.
46071	Concrete Expansion Anchors	249	250	300
<u>Structural Steel and Supports</u>				
48051	Procedure Review	After proc. are developed	Before work is started	Before work is 20% complete
48053	Work Observation	After work is started	Before work is 10% complete	Before work is 80% complete
48055	Record Review	With IP 48053	Before work is 50% complete	Completed work + 6 mo.
<u>Reactor Coolant Pressure Boundary Piping</u>				
49051	QA Review	6 Mo. before work starts	----	Before work is 10% complete
49053	Work Observation First Inspection	After work is 10% complete	Before work is 20% complete	Before work is 30% complete
	Second Inspection	After work is 50% complete	Before work is 60 % complete	Before work is 80% complete
	Semi-Annual	----	Optional	----
49055	Record Review First Inspection	After work is 20% complete	----	Before work is 40% complete

IP Number	Procedure Short Title	May Start	INSPECTION SCHEDULE	
			Must Start	Must Complete
	Second Inspection	After work is 60% complete	Before work is 80% complete	280 + 1 month
<u>Safety-Related Piping</u>				
49061	QA Review	6 mo. before work starts	----	Before work is 10% complete
49063	Work Observation	After work is 20% complete	After work is 40% complete	Before work is 80% complete
49065	Record Review	After work is 30% complete	Before work is 50% complete	Before work is 80% complete
<u>Mechanical Components</u>				
50051	RV and Internals - QA Review	6 mo. before install. compl.	-----	Before work is 10% complete
50053	RV and Internals - Vessels	----	During install.	----
	Internals	----	During install.	----
	Storage Insp.	----	Quarterly	----
50055	RV and Internals - Record Review	----	When work is complete	Work complete + 2 mo.
50071	Safety-Related Comp. Procedure Review	6 mo. before work starts	Before work starts	Before work is 10% complete
50073	Safety-related Comp. Work Observation First Insp.	After work is 10% complete	Before work is 20% complete	Before work is 30% complete
	Second Insp.	After work is 50% complete	Before work is 60% complete	Before work is 80% complete
50075	Safety-Related Comp. Record Review First Insp.	After work is 20% complete	Before work is 30% complete	Before work is 40% complete
	Second Insp.	Before work is 60% complete	Before work is 70% complete	Before work is 90% complete

IP Number	Procedure Short Title	INSPECTION SCHEDULE		
		May Start	Must Start	Must Complete
50090	Pipe Support and Restraint Systems	----	Before work is 20% complete	Work complete + 3 mo.
50095	Spent Fuel Storage Racks	3 Mo. before installation	Before work is 10% complete	Before work is complete
50100	HVAC Systems		(As required by IP)	
<u>Electrical and Instrumentation</u>				
51051	Elec. Components Procedure Review Initial Insp.	4 Mo. before work starts	Before work starts	Before work is 20% complete
	Followup Insp.	After work is 40% complete	After work is 50% complete	Before work is 70% complete
51053	Elec. Components Work Observation	After work starts	Before work is 20% complete	Before work is 90% complete
51055	Elec. Components Record Review First Insp.	After work is 30% complete	Before work is 40% complete	Before work is 50% complete
	Second Insp.	After work is 60% complete	Before work is 70% complete	Work complete + 2 mo.
51061	Electric Cable Procedure Review Initial Insp.	6 Mo. before work starts	Before work starts	Before work is 20% complete
	Followup Insp.	After work is 40% complete	After work is 50% complete	Before work is 70% complete
51063	Electric Cable Work Observation	After work starts	Before work is 20% complete	Before work is 90% complete
51065	Electric Cable Record Review First Insp.	When cable work is 20% complete	When cable work is 30% complete	When cable work is 50% complete

IP Number	Procedure Short Title	INSPECTION SCHEDULE		
		May Start	Must Start	Must Complete
	Second Insp.	When cable work is 60% complete	When cable work is 70% complete	Work complete + 2 mo.
52051	Instrument Comp. Procedure Review Initial Insp.	4 Mo. before work starts	Before work starts	Before work is 20% complete
	Followup Insp.	After work is 40% complete	After work is 50% complete	Before work is 70% complete
52053	Instrument Comp. Work Observation	After work starts	Before work is 20% complete	Before work is 90% complete
52055	Instrument Comp. Record Review First Insp.	After work is 20% complete	Before work is 30% complete	Before work is 50% complete
	Second Insp.	After work is 60% complete	Before work is 70% complete	Work complete + 2 mo.
<u>Containment Penetrations (Mechanical)</u>				
53051	Procedure Review	Start of liner installation	----	Before work is 10% complete
53053	Work Observation First Insp.	After work is 20% complete	Before work is 40% complete	Before work is 60% complete
	Semi-Annual	----	During install.	----
53055	Record Review	After work is 30% complete	Before work is 50% complete	Before work is 80% complete
<u>Welding and Nondestructive Examination</u>				
55050	Nuclear Welding General First Insp.	----	After work is 5% complete	Before work is 15% complete
	Subsequent Insp.	----	Periodically	----

IP Number	Procedure Short Title	INSPECTION SCHEDULE		
		May Start	Must Start	Must Complete
55093	RV Internals Weld Work Observation	----	During installation	Installation + 1 mo.
55100	Structural Welding General First Insp.	----	After work is 5% complete	Before work is 15% complete
	Subseq. Insp.	----	Periodically	----
55150	Weld Verification		(As required)	
57050	NDE - Visual First Insp.	After work is 10% complete	----	Before work is 25% complete
	Second Insp.	After work is 75% complete	Before work is 90% complete	Before plant startup
57060	NDE – PT First Insp.	After work is 10% complete	----	Before work is 25% complete
	Second Insp.	After work is 75% complete	Before work is 90% complete	Before plant startup
57070	NDE – MT First Insp.	After work is 10% complete	----	Before work is 25% complete
	Second Insp.	After work is 75% complete	Before work is 90% complete	Before plant startup
57080	NDE – UT First Insp.	After work is 10% complete	----	Before work is 25% complete
	Second Insp.	After work is 75% complete	Before work is 90% complete	Before plant startup
57090	NDE – RT First Insp.	After work is 10% complete	----	Before work is 25% complete
	Second Insp.	After work is 75% complete	Before work is 90% complete	Before plant startup

IP Number	Procedure Short Title	INSPECTION SCHEDULE		
		May Start	Must Start	Must Complete
<u>Containment Structural Integrity Test</u>				
63050	SIT	2 months before start of test	Before SIT starts	Before OL issuance
<u>Fire Prevention and Protection</u>				
64051	Procedures	220	269	280
64053	Fire Loop Install.	After work is 10% complete	Before work is 50% complete	Before work is complete
<u>Low-Level Radioactive Waste Storage</u>				
65051	Radwaste Storage	(As specified by IP)		
<u>Inservice Inspection</u>				
73051	Program	6 mo. before	----	309
73052	Procedures	4 mo. before 309	309	310
73053	Preservice Observ.	After work is 10% complete	Before work is 30% complete	Before work is 90% complete
73055	Preservice Data	After work is 20% complete	Before work is 50% complete	310 + 2 mo.
<u>Environmental Protection</u>				
80210	Initial Inspection	Pre-LWA or CP	Post-LWA or CP	CP + 3 Mo.
	Subsequent	(Every 18 mo. after initial inspection)		
<u>Event Reports</u>				
90712	In-Office Review	(As required)		
<u>Extended Construction Delay</u>				
92050	Site Activities			
	Initial Insp.	----	When notified	----
	Subsequent	----	Every 6 mo.	----

IP Number	Procedure Short Title	INSPECTION SCHEDULE		
		May Start	Must Start	Must Complete
<u>Followups</u>				
92700	Event Reports		(As required)	
92701	Identif. Problem		(As required)	
92702	Noncompliance		(As required)	
92703	IE Bull./Action Ltr.		(As required)	
92704	HQ Requests		(As required)	
92705	Regional Requests		(As required)	
<u>Independent Inspection Effort</u>				
92706	Indep. Effort		(As required)	
92720	Corrective Action			
<u>Testimony for ASLB or ASLAB Hearings</u>				
94010	Hearings		(As required)	
<u>Operating Licensee Issuance</u>				
94300	OL Issuance		(As required)	
<u>Information Meetings with Local Officials</u>				
94600	Info. Meetings		(As required)	
<u>Meeting Participation</u>				
94700	ACRS		(As required)	
94702	NRR/Licensee		(As required)	

END