

THE ABWR ITAAC MATRIX

	A) As-Built Inspection	B) Welding	C) Construction Testing	D) Operational Testing	E) Qualification Criteria	F) Design/ Fabrication Requirements
01) Foundations & Buildings	12					
02) Structural Concrete	5					
03) Piping	2	22	23		1	1
04) Pipe Supports & Restraints						1
05) RPV & Internals	3	2	2	1	3	4
06) Mechanical Components	25		8	15	2	13
07) Valves			9	26	15	2
08) Electrical Components & Systems	74		64	4	12	30
09) Electrical Cable	8					6
10) I&C Components & Systems	88		3	161		2
11) Containment Integrity & Penetrations	3	1	3	12	1	6
12) HVAC	22		1	7	16	1
13) Equipment Handling & Fuel Racks	4		1	3	1	3
14) Complex Systems w/ Multiple Components	33			2	36	3
15) Fire Protection	5		2	2	4	2
16) Engineering	1				22	12
17) Security						
18) Emergency Planning	3		2			
19) Radiation Protection	3			10		5

NOTE: The values specified in this table include ITAAC for the certified design only. Additional site specific ITAAC will be added when they are identified in the COL application.