

NCSX Estimate Review Packages

Pkg. Number	Package Title	WBS	Job Manager	RLM	ETC (4/1/07)		Jobs
1	Vacuum Vessel Systems	12	Dudek	Reiersen	477	1204	VV Sys Procurements (non VVSA)
2	Conventional Coils	13	Kalish	Reiersen	911	1361	TF Fabrication
			Kalish	Reiersen	220	1302	PF Design
					1,462	1352	PF Coil Procurement
					118	1354	Trim Coil Design & Procurement
					15	1355	Conv. Coils I&C Proc & Coil Assy
3	not used						
4	CS Support Structure	135	Dahlgren	Reiersen	243	1353	CS Structure Procurement
5	not used	141	Heitzenroeder	Nelson	336	1411	Mod Coil Fabrication
6	MC Fabrication	142	Chrzanowski	Dudek	308	1408	Mod Coil Winding Supplies
					2,952	1451	Mod Coil Winding
					580	1459	Mod Coil Fabr. Punch List
7	not used	143	Williamson	Nelson	172	1416	Modular Coil Winding Design
					279	1421	Modular Coil Interface Design
8	Modular Coil Interfaces	145	Dudek	Dudek	1,029	1431	Mod. Coil Interface Hdwe. Procurement
					42	1429	Mod. Coil Interface R&D
9	Coil Support Structures	15	Dahlgren	Reiersen	140	1501	Coil Structures Design
					1,746	1550	Coil Structures Procurement
10	Coil Services	16	Goranson	Nelson	829	1601	Coil Services Design & Procurement
11	Cryostat	171	Gettelfinger	Reiersen	314	1701	Cryostat Design
					170	1751	Cryostat Procurement
12	Base Support Structure	172	Perry	Reiersen	83	1752	Base Support Structure Fabrication
			Dahlgren		145	1702	Base Support Structure Design
13	FPA Planning and Design	181	Cole	Nelson	200	1806	FPA specs & dwgs
14	FPA Operations	185	Viola	Dudek	1,598	(3) 1802	FPA Oversight & Support
					5,522	1810	FPA Ops @TFTR TC station 1,2,3
					878	1815	FPAOps @NCSX TC station 5
15	not used						
16	FPA Tooling Dsn/Proc	186	Brown	Reiersen	136	1803	FPA Tooling & Constructability
					250	1805	FPA Hardware & Fixture Procurements
17	not used						
18	Stell. Mgt. & Integration	19	Cole	Nelson	1,487	(1) 1901	Stellarator Core Mgt. & Integration
19	Auxiliary Systems	2	Blanchard	Dudek	61	2101	Fueling Systems
					174	2201	Vacuum Pumping Systems
20	Diagnostics	3	Stratton	Dudek	403	3101	Magnetic Diagnostics
					26	3601	Edge and Divertor Diagnostics
					261	3801	Electron Beam Mapping
					92	3901	Diagnostics sys Integration
21	Electrical Power Systems	4	Ramakrishnar	von Halle	2,377	4101	AC Power
						4301	DC Systems
						4401	Control & Protection
						4501	Power Sys Dsn & Integr
22	Central Facility I&C	5	Sichta	von Halle	1,176	5101	TCP/IP Infrastructure Systems
						5201	I&C Systems
						5301	Data Acquisition
						5401	Facility Timing &
						5501	Real Time Control System
						5601	Central Safety Interlock Systems
						5801	Central I&C Integr
23	Facility Systems	6	Dudek	Reiersen	49	6101	Water Systems
					116	6301	Utility Systems
					343	6401	Bakeout System
24	Cryogenic Systems	62	Gettelfinger	Dudek	581	6201	Cryogenic Systems
						6200	Cryostat Cooling System Design
25	TC Prep. & Machine Assy.	7	Perry	Dudek	4,585	7301	Platform Design & Fabrication
						7401	TC Prep & Mach Assy Planning
						7503	Machine Assembly Operations
						7501	Construction Support Crew
						7601	Tooling Design & Fabrication
26	not used						
27	Project Mgt. & Control	81	Neilson	Reiersen	1,893	(2) 8101	Project Management & Control
					390	(2) 8102	Project Management ORNL
					1,474	(2) 8998	PPPL Allocations
28	Project Engineering	82	Reiersen	Reiersen	1,815	(2) 8202	Eng. Mgt. & System Eng. Support
					1,363	(2) 8203	Design Integration
					1,605	(2) 8204	Systems Analysis
					602	(1) 8205	Dimensional Control Coordination
					40	8210	Rebaseline support
					103	(1) 8215	Plant Design
29	Int. Systems Testing	85	Gentile	von Halle	768	8501	Integrated Systems Testing