

NCSX Cost Summary and Comparison

1/18/01 11:13

Original and 2 Modular Coil cases

<u>Elements</u>	Option 2C (FY99\$)	Modular Coils, Case li383m_1017, with new TF/PF (\$k)	Modular Coils, Case li383m_0115, with new TF/PF (\$k)	delta from Option 2C
1 Fusion Core Systems	\$12,869	\$34,900	\$26,558	\$13,485
conceptual design	\$984	\$1,141	\$1,188	
11 - Plasma Facing Components	\$1,925	\$1,478	\$1,254	-\$670
12 - Vacuum vessel	\$2,120	\$4,381	\$4,322	\$2,202
13 - TF (background) Coil Systems	\$26	\$2,414	\$1,985	\$1,959
14 - PF Coil Systems	\$0	\$1,479	\$967	\$967
15 - Cryostat	\$575	\$1,500	\$1,200	\$625
16 - Machine Structure	\$695	\$1,930	\$1,351	\$656
17 -Modular Coils	\$6,544	\$20,578	\$14,290	\$7,746
18 - Trim Coils	\$0	\$0	\$0	
2 - Auxiliary Systems	\$2,293	\$2,288	\$2,288	-\$5
3 - Diagnostics	\$1,475	\$2,810	\$2,810	\$1,335
4 - Power Systems	\$1,853	\$1,855	\$1,855	\$2
5 - Central I&C and Data Acquisition	\$2,291	\$2,374	\$2,374	\$83
6 - Site and Facilities	\$7,768	\$6,766	\$6,766	-\$1,002
7 - Machine Assembly	\$4,788	\$4,008	\$4,008	-\$780
8 - Project Oversight & Support	\$11,402	\$11,402	\$11,402	\$0
9 - Pre-Operational Planning &Testing	\$260	\$597	\$597	\$337
Total, with contingency:	\$45,000	\$67,001	\$58,658	\$13,454
Average Contingency	24%	33%	31%	