NCSX Work Breakdown Structure (WBS)

SC-	WBS		Description	Responsibility
	1		**Stellarator Core Systems (B. Nelson, ORNL)**	
3		***11***	***In-Vessel Components***	P. Goranson, ORNL
3		***12***	***Vacuum Vessel Systems***	P. Goranson, ORNL
2		***13***	***Conventional Coils***	D. Williamson, ORNL
2		***14***	***Modular Coils***	D. Williamson, ORNL
2		***15***	***Coil Support Structures***	D. Williamson, ORNL
2		***16***	***Coil Services***	D. Williamson, ORNL
5		***17***	***Cryostat and Base Support Structure***	G. Gettelfinger, PPPL
4		***18***	***Field Period Assembly***	J. Chrzanowski, PPPl
12		***19***	***Stellarator Core Management and Integration***	
	2		**Auxiliary Systems (L. Dudek, PPPL)**	
8		***21***	***Fueling Systems***	W. Blanchard, PPPL
8		***22***	***Torus Vacuum Pumping System***	W. Blanchard, PPPL
8		***25***	***Neutral Beam Injection System***	T. Stevenson, PPPL
11	**3**		**Diagnostics (D. Johnson, PPPL)**	
7	**4**		**Electrical Power Systems (S. Ramakrishnan, PPPL)**	
10	**5**		**Central I&C and Data Acquisition Systems (G. Oliaro, PPPL)**	
	6		**Facility Systems (L. Dudek, PPPL)**	
9		***61***	***Water Cooling Systems***	
5		***62***	***Cryogenic Systems***	G. Gettelfinger, PPPL
9		***63***	***Utility Systems***	
9		***64***	***Helium Bakeout System***	
	7		**Test Cell Preparation and Machine Assembly (E. Perry, PPPL)**	
9		***71***	***Shield Wall Reconfiguration***	E. Perry, PPPL
9		***72***	***Control Room Refurbishment***	E. Perry, PPPL
9		***73***	***Platform Design and Fabrication***	E. Perry, PPPL
6		***74***	***Machine Assembly Planning and Oversight***	E. Perry, PPPL
6		***75***	***Test Cell and Basement Assembly Operations***	E. Perry, PPPL
6		***76***	***Tooling Design and Fabrication***	E. Perry, PPPL
	8		**Project Management and Integration (G. Neilson, PPPL)**	
12		***81***	***Project Management and Control***	
12		***82***	***Project Engineering***	W. Reiersen, PPPL J. Levine, PPPL
12		***83***	***E.S.&H. / QA***	J. Malsbury, PPPL
12		***84***	***Project Physics***	M. Zarnstorff, PPPL
12		***85***	***Integrated Systems Testing***	C. Gentile, PPPL