

NCSX June 2007 ETC

TABLE IV - Uncertainty of Estimate and Residual Risk Assessment

WBS Number: 15
WBS Title: Coil Support Structures
Job Number: 1501/1550
Job Title: Coil Support Structures Design
Job Manager: Fred Dahlgren

Uncertainty of the Estimate

	<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Uncertainty Range (%)</u>	<u>Comments/Other Considerations</u>
Job 1501				-10%/+15%	
Design Maturity		X			Only now approaching PDR stage, however nothing exotic. Standardized components.
Design Complexity			X		
Job 1550				-10%/+15%	
Design Maturity		X			Only now approaching PDR stage, however nothing exotic. Standardized components.
Design Complexity			X		
Other Comments:	<p>There is a finite likelihood of material costs increasing, but already assumed an escalation of ~5%/year for Inconel, HOWEVER, recent history indicates much higher escalation (see Table V)</p> <p>Possibility that vendor will not deliver on time, however, significant float (~4 months exist off critical path) - however, could impact half-period and full-period assembly schedule if TF brackets delayed => other vendors could be identified.</p>				

Note: High/Medium/Low uncertainty assessment from Job Manager. Uncertainty range based on ACEI recommended practice 18R-97 as amended for NCSX.

Residual Impacts

	<u>Risk</u>	Likelihood of Occurring (%)	<u>Mitigation Strategies</u>	<u>Consequence if Occurs</u>	
				<u>Cost</u>	<u>Schedule</u>
NONE					