Contingency Specification Rationale Worksheet

WBS Level 4 Identifier: 31		Title: Magnetics		
Originator: David Johnson		Date: August 18, 2003		
	Technical	Schedule	Cost	Total
Risk Factor (Table 2-1):	4	4	10	
Weighting Factor (Table 2-2):	4	1	1	
Percent	16	4	10	30

Recommended Contingency Allowance (%): 30%

Rationale for Selection of Contingency Allowance:

1) **Space constraints between first wall and inner vessel surface poorly defined at this time.**
2) **Space constraints between outer vessel surface and modular coils poorly defined at this time.**
3) **Space constraints due to machine assembly issues poorly defined at this time.**
4) **Optimized set of magnetic sensors needs to be established by numerical modeling. Estimated number and type of sensors will likely change following optimization.**
5) **Engineering expertise in this area depleted due to retirement.**

Date: 9/15/03