

Attachment [6] - ECP-014 Contingency Assessment

Process

As part of process of preparing ECP-014, the WBS Managers for WBS 1 (Stellarator Core), WBS 2 (Ancillary Systems), WBS 4 (Power Systems), and WBS 7 (Machine Assembly) were personally contacted to determine if the current contingency estimates that were developed at the time of the Project PDR in the fall of 2003 were adequate to address the risks associated with the work to go (ETC) or needed adjustment. WBS 3 (Diagnostics), WBS 5 (Central I&C), and WBS 6 (Facility Systems) were not addressed since the vast bulk of this scope had not yet started. It was also determined that the existing contingency on the work to go for WBS 8 (Project Oversight and Support) was adequate.

Results

The feedback received from the various systems are as follows:

- WBS 1 – with the exception of WBS 12 (Vacuum Vessel) and the Modular Coils (WBS 14), the estimated contingency on the work to go (ETC) were deemed by the WBS Managers, Project Engineers, and NCSX Management to be adequate. For WBS 12 (Vacuum Vessel) and WBS 14 (Modular Coils) the recommendation that was made and accepted was for the contingency on the fixed price contracts (VVVSA and MCWF) would be 10% and the contingency on the other remaining work would be 25%.
- WBS 2 (Ancillary Systems), WBS 4 (Power Systems), WBS 7 (Machine Assembly), and WBS 8 (Project Oversight and Support) – it was determined that the existing contingency amount for the work remaining was adequate. In the case of WBS 2, 5, and 7 were adequate after an assessment of the risks involve in the remaining work scope. For WBS 8, it was determined that the existing contingency adequately addressed risk in this primarily LOE WBS element.
- Work in WBS 3 (Diagnostics), WBS 5 (Central I&C) and WBS 7 (Machine Assembly) had not yet started to any significant degree. Thus, it was determined that the existing contingency was adequate.