

Minutes of the NCSX-DOE IPT Meeting on December 17, 2002

On the teleconference: Warren Marton (DOE-OFES), Greg Pitonak (DOE-PG), Chuck Finfgeld (DOE-OFES), Jim Lyon (ORNL), Rich Hawryluk (PPPL), John Schmidt (PPPL), Hutch Neilson (PPPL), Wayne Reiersen (PPPL), and Bob Simmons (PPPL).

Topics of Discussion:

(1) Overall Project Status - Warren Marton, Greg Pitonak, and Hutch Neilson (a) CR continues, although there are some expectations that Congress will pass an omnibus funding bill early in 2003 (perhaps in February). The current "baseline" is the \$73.5M total cost/June 2007 schedule. The baseline will be updated for the PDR/EIR to incorporate the effects of the Continuing Resolution, accounting changes (e.g., safeguards and security costs at PPPL) and any technical changes resulting from design and R&D activities.

(b) (b) A general discussion of how to react to the release of the CR ensued. Hutch noted that the Project is proceeding with the placement of the two (VV and mod coil winding form) prototype contracts with award expected in January - February time frame. These will be funded by OPEX funds. PPPL costing guidelines indicated that prototypes that have "no value" relative to use as production units should be funded by OPEX funds and not MIE funds. It was previously thought that because this work was in support of manufacturing development, it could be funded by MIE. (c) We also discussed the options available for re-planning the work once the CR is released. OFES feels that Advanced Conceptual Design activities cannot extend beyond the CR.

(2) Project Status - Hutch Neilson and Wayne Reiersen (a) Technical progress - Wayne indicated that the engineering team is continuing to address configuration issues in the context of the CDR design. Engineering is just starting to evaluate the impact of the new coil design point (M50) and is revising its plans accordingly. (b) The proposals for the modular coils winding form prototype have been received - a total of 5 proposals received. It is anticipated that the contract will be placed in late January or early February. The vacuum vessel proposals are due in early January. (c) Hutch indicated that the impact of the CR on the ORNL planned staffing buildup has been significant, although recent progress has been made in this area. The problem has been the funding allocation received from ORO has not been as great as needed to support the ORNL staffing buildup.

(3) NCSX Review Discussions - Warren Marton, Hutch Neilson, and Greg Pitonak (a) A general discussion of the various reviews indicated in the attached table. Actions were assigned as indicated on the table (e.g., who will run the review, the approach needed, conflicts with other planned PPPL meetings, etc. The specific actions from this discussion are as follows: i. Hutch will coordinate the scheduling of the NCSX PDR with other planned PPPL meetings - tentatively the PDR is scheduled for late June. ii. Warren will confirm the makeup of the PDR review committee.

(b) Greg stressed that the PDR presentations must address the technical basis for the performance baseline (CD-2). The Project agrees. The NCSX PDR will be an overall DOE PDR for the entire project and an internal detailed PDR for the modular coils and vacuum vessel.

The next IPT meeting will be Tuesday, January 21st, at 11:00 am.

If you have any corrections, please contact me.

Summary by:  
Bob Simmons