

Minutes of the IPT Meeting of Sep 2, 2003

Attendees:

G. Pitonak - DOE-PAO

C. Finfgeld, G. Nardella, J. Auchmoody - HQ

R. Hawryluk, H. Neilson, R. Strykowski, W. Reiersen, J. Schmidt - PPPL

J. Lyon - ORNL

1. DOE update - Greg and Gene

OMB 300 has been submitted, with final changes by OFES. All agree that Joule milestones must be closely monitored and that progress reports must be timely and accurate. We need to understand what input is required and be able to participate in the process. The milestones for FY04 are now set and regular reporting will begin at HQ.

Greg will contact OEMC in writing to confirm the EIR during the week of 11/17/03 as planned. Will include proposed lines of inquiry.

2. Project Status Update - Hutch & Wayne

Vacuum vessel shell geometry is now set and welded joint option selected. Better for assemble clearances but possible concern over weld distortion must be mitigated via R&D. 20 degree segment prototype fab will commence soon. Winding form geometry for all 3 coil types now defined. Clamp geometry now being developed. Thermal analysis proceeding. MIT consultant engaged to offset manpower issues. There have been significant delays (~2 mos) in getting these issues resolved.

Plans are proceeding to perform first plasma and field mapping with coils at room temp instead of under cryo conditions. This option will provide better access to the machine for monitoring and adjustments during initial operations.

3. CPR status for July - Ron

Project has conducted its monthly statusing with work package managers and provided July CPR by next week. All are concerned that progress against the recently developed baseline is slipping (SPI @ 0.77). The project is focusing on development of more credible schedule estimates for the PDR. This will be critical as PARS reporting will commence with CD2.

4. Planning for PDR - Hutch & Ron

Hutch prepared and distributed a draft charge, draft agenda, and a comprehensive list of requirements for the PDR. A review committee of largely outside consultants has been contacted. It includes a number of participants from outside the fusion community. Web site will be set up and data available by the week of 9/23.

5. Upcoming visit to OFES on 9/16 will focus on impacts of holding \$73.5M

TEC as the desired result. Scope reductions will be required to accomplish this, such as NBI and cryo systems. Cost deltas between CDR estimate and current PDR estimate will be reviewed. While much info has been developed regarding the complexities of critical components, the 28% contingency will still be maintained as part of the PDR estimate. Discussion of tradeoffs between scope and cost will be reviewed. The project is still developing it's position regarding this and will continue to investigate the availability of trade space for consideration if needed to solve problems beyond the available contingency.

6. The next IPT meeting will be Tues September 23, 2003 at 2 PM, as it looks like this is OK for most of us. Personnel at PPPL will meet in the DOE conference room.

Call-in number will be provided.

Thanks for your participation,
Greg