

NCSX-DOE Monthly Meeting for May 2, 2000

On teleconference: Chuck Finfgeld (DOE-OFES), Jim Lyon (ORNL), John Schmidt (PPPL), Hutch Neilson (PPPL), and Bob Simmons (PPPL). Greg Pitonak (DOE-PG) was unable to participate due to a scheduling conflict at Brookhaven.

Topics Discussed:

OFES Report (Chuck Finfgeld) - reported no significant developments since the FWP budget meeting in early April. Indicated that he had discussed Auburn's proposals with Steve Knowlton recently and that some decision is expected in late May. Finally, there was a question on his part on why the budget figures for NCSX provided to him by Warren Marton were higher than those presented at the FWP budget meeting. It was indicated that perhaps these reflected the incremental funding vs. just the base program. Hutch will forward to Chuck the e-mail he provided to Greg Pitonak which split out the program and non-program costs (Done).

FESAC "Robustness" Issue (Hutch Neilson) - this was discussed at the Knoxville FESAC meeting and again at the FWP budget meeting. An active program is in place and will be completed by the PVR. Mike Zarnstorff is pulling together a set of viewgraphs that demonstrate the progress made to date and the plans to resolve this issue by the PVR. Hutch follow-up with Mike to ensure that Chuck and John Willis get a copy of this within the next few days.

Project Validation Plans (Bob Simmons) - reviewed the process use last year and the development of several options in December, 1998. This cost estimate was based on the predecessor to the current plasma configuration and the engineering design supporting this configuration. Since the update of the plasma configuration and evaluations of several coil options will not be completed until late this summer, it is planned to update last year's validation sheet (FY2002) with the same data presented to FESAC late last year. This should be done by early June. At the PVR (December 2000) an updated estimate (pre-conceptual level of detail) will be available and at the Conceptual Design Review (March 2001) a more detailed estimate will be presented and defended. Based on initial discussions with DOE-PG, it is hoped that the Project Validation Team will participate in the CDR and be able to complete the Project Validation for the FY2003 budget submittal by the end of May 2001. Bob will follow up with Greg Pitonak to discuss the

Project Validation schedule and to confirm that our approach is consistent with DOE needs. Bob will also send a copy of last year's draft validation report to Jim Lyon (Done).

University of Texas (Jim Lyon) - Jim reviewed the NCSX/QOS management concerns with the performance of the University of Texas team. He has followed up with the appropriate University of Texas management personnel (Dave Ross) and will continue his discussions with him later this week. Jim will brief Chuck on these discussions.

Stellarator Reactor Studies (Jim Lyon) - Jim will follow up with Bill Dove of DOE-OFES to lay the groundwork for the compact stellarator team to develop the configuration for a stellarator reactor that could be used by the ARIES team. Jim will ensure that Chuck is kept apprised of the discussions.

Review of QOS (Jim Lyon) - Jim recently returned from the University of Wisconsin where he discussed plans on how to review QOS. A concern of the university community is how to best review QOS. Jim will continue discussions with the university community and keep Chuck informed.

Project Management Orders (Bob Simmons) - Bob will discuss the appropriate Project Management orders that will guide NCSX and the process with Greg Pitonak within the next few weeks.

Next Project Meeting (Hutch Neilson) - the next Project Meeting will be conducted at PPPL on May 16-17. As with the last meeting, it will make use of teleconference facilities and the NCSX web page to minimize travel requirements. Hutch will issue an agenda soon.

Next NCSX-DOE Monthly Meeting (Hutch Neilson) - the next meeting would normally occur on June 6th, but several personnel will be on travel and/or vacation. Hutch will notify personnel of the date of the next meeting.

Summary by:
Bob Simmons