

NCSX-DOE Monthly Meeting for January 15, 2002

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

(1) Status of Updated Coil Configuration (Hutch) - Hutch reported that the project has settled on coil configuration for the CDR. Called M-45, this coil configuration represents a good balance of physics and engineering properties. While work on healing and trim coils still needs to be done, the project has agreed on this coil configuration as the basis on which to develop the conceptual design for the CDR.

(2) CDR Planning (Warren and Hutch)

(a) Dates (Warren and Hutch) - Based on agreements between OFES and the project, it now appears that DOE can accommodate a delay in the CDR dates. Mid-May dates (week of May 13th or 20th are being looked at => week of May 6th is probably not feasible since the SNS Review is that week). Warren will work with Lehman's group to set a date. (ACTION: Warren) (b) Charge (Warren) - Warren provided a proposed charge and it was discussed and several suggestions made. Warren will revise the charge and issue a revised one within the next two weeks. The CDR charge will focus on NCSX Project issues, not broader, programmatic ones. (ACTION: Warren) (c) Makeup of CDR Panel (All) - a general discussion of the proposed makeup of the CDR panel was held. The review panel will have about 7-8 people and be chaired by Jim Carney of Lehman's group. Warren Marton will be the principle OFES contact. The makeup of the panel, and the balance among physics, engineering, and management, is under discussion in DOE. It will be settled by February 1st (ACTION: Warren). (d) CDR Deliverables (Hutch) - a discussion of the list of CDR deliverables (really CD-1 deliverables) was held and general agreement was reached. Most notably, it was suggested that the Project Expectations Summary/Statement of Work include an acceptance criteria that defines project completion. In addition, some discussion was held on the status of the NEPA documentation. While it is not yet clear whether a CX or EA is appropriate (DOE lawyer reviewing and hopefully will decide in next two weeks), it was clear that the effort needed to prepare the initial paperwork to define what is needed would probably suffice for CD-1 and that completed NEPA documentation would not be needed until CD-2. Finally, Greg will provide guidance on what is needed in the Acquisition Plan and Data Sheet within the next few weeks when he receives guidance and, hopefully, samples from Lehman's group. (ACTION: Hutch on PES/SOW and Greg on Acquisition Plan and Data Sheet guidance.)

(3) QPS (Jim and Warren) - it has been decided that the QPS CDR will be delayed until next year, but that a Project Validation Review will be needed in the late May, mid-June time frame. It was indicated that something similar to that prepared by NCSX and QPS for last year's validation would be appropriate.

The next meeting will be held on Tuesday, February 5th at 11:00 am via teleconference.

If you have any questions and comments, please contact me.

Summary by:
Bob Simmons