

IPT Meeting Minutes

April 1, 2003

Attendees:

G. Pitonak - DOE-PAO

G. Nardella, C. Finfgeld - DOE-OFES

H. Neilson, Ron Strykowski, John Schmidt, Rich Hawryluk, Bob Simmons, Jerry Levine - PPPL

J. Lyon - ORNL

(1) DOE News Greg and Gene

a. NCSX PCS Review completed satisfactorily. Finalizing final project responses.

b. Resolved relationship between PDR and EIR

i. EIR will include a Lehman Review component.

ii. Greg has talked to OECM and they are onboard with a July EIR. Will need to finalize charge, etc. ~ 6 weeks prior to review and post EIR documentation ~ 2 weeks prior to review. EIR scope will be modified to reflect tailored approach reasonable for project of size and complexity of NCSX. Greg and Hutch will work together to come up with a proposed scope for OECM consideration. It is recognized that the EIR and PDR work scope will be coordinated.

iii. The PDR will primarily be a technical review and will cover all WBS elements.

c. Greg stressed the importance of safety management and working safely as part of the necessary NCSX culture. Experience on NSTX was quite good and he expects NCSX to provide a like record and dedication. Hutch and Jim Lyon stated that safety management was a high priority for the entire NCSX team.

d. Gene and Chuck both complimented the NCSX team on the quality of the presentations at the recently completed Budget Planning meetings. It was noted that there was an overall sense that the community recognized the extremely tight financial picture for the next several years. However, feedback was that NCSX did well.

(2) PDR Planning - Hutch

a. PDR will commence June 24th as currently envisioned and will last 2-3 days.

b. While the PDR will essentially be PPPL technical review, the planning, charge, makeup of team, etc. will be done in consultation with PAO and OFES.

c. Hutch is working with Mike Williams (possible Chair) to plan the PDR. While the emphasis will certainly be on the modular coils and vacuum vessel, all the systems will be addressed.

d. PDR schedule is for the next several weeks to be spent finalizing the charge, review committee members, chair (or co-chairs), etc. - goal is to have this finalized by the next IPT meeting. The specific schedule items and their expected completion dates are as follows:

i. Now thru April 15th - develop charge, review committee membership, and agenda

ii. By April 22nd - review the above with the IPT

iii. By April 30th - start recruiting reviewers

iv. By June 10th - Issue review documentation to reviewers (electronically).

v. June 24th - 25th (26th?) - PDR at PPPL.

Issues to be resolved include: Agreement on Chair, handling supplier cost data, and addressing appropriate EIR issues.

e. Confirmed that Project will have a dedicated PDR/EIR site for posting all the necessary documentation rather than having the reviewers have to comb the NCSX files.

(3) PDR Baseline Preparation Schedule - Ron

a. Instructions and guidance already issued and expect first feedback from WBS Managers in mid-April. Plan is to use the CDR material as a starting point for updating and expanding. Includes the MIE Project, Research Prep, and contingency reevaluation.

b. Recognizing that industrial contracts just being awarded, we are working with the vendors to obtain the necessary PDR input in a timely manner to support the PDR.

(4) Project Status - Hutch

a. Coil configuration established in December, but recent efforts focused on improving the smoothness of the coil to facilitate construction. Unfortunately, when this is done, the physics properties are degraded. Decision made several weeks ago to stay with the December version and work is proceeding accordingly.

b. Specs for modular coils and vacuum vessel in good shape - was necessary to support the R&D procurements.

c. GRD will undergo a peer review later this week and then will be sent out to selected external reviewers (members of PAC and others).

d. Procurement Status

i. Modular Coils subcontracts placed and vendors have started work.

ii. Vacuum Vessel subcontracts nearing completion and should be awarded sometime next week.

e. Planned Fin Plan Changes

i. Will need to transfer the remaining Advanced Conceptual Design funds to MIE. Will retain a small amount for delayed billings.

ii. Will need to transfer ~\$150K from ORNL NCSX to PPPL and a likewise transfer of ~\$150K from PPPL QPS to ORNL QPS to balance plans at both sites. (Exact amounts TBD).

iii. Gene indicated that this would be needed by late April to support a change in the June Fin Plan. Both PPPL and ORNL confirmed that this is the plan.

(5) Start of MIE Project - Greg

a. All were reminded that the MIE Project commenced today.

b. First monthly report due in mid-May (with April status) and first OFES quarterly report will be in July before the EIR.

The next IPT meeting will be on Tuesday, April 22nd at 11:00 am. Personnel at PPPL will meet in the DOE Conference Room.