

Minutes of DOE-NCSX Teleconference Jan. 9, 2001

Attendees: Finfgeld, Lyon, Marton, Neilson, Pitonak, Schmidt

OFES Report (Marton, Finfgeld)

- \* OFES will send out FWP guidance within a week. \* New administration's FY-02 budget may not be available until April.
- \* An FY-01 budget rescission (0.22%) will be implemented in the Feb. fin. plan. Stellarator cut expected to be <0.3%.

NCSX Project Status (Neilson)

- \* Reduced size and B-field design point being studied (approx. R=1.4m, B=1.5T) to achieve affordable cost.
- \* Good progress in machine structure design. Different alternatives being explored.
- \* Physics and engineering studying trim coils to maintain good surfaces. \* Aiming for PVR the last week of March.

QOS Project status (Lyon)

- \* Studying alternatives to the current reference configuration; expect to select PVR configuration by the end of January. \* Aiming for PVR nominally April 24-25.

Planning for FY-2003 Project Validation (May, 2001) After some discussion, the following plan was adopted. \* Project validation report is needed to support budget submission for starting Title I in FY-03.

- \* Validation process will be similar to that of last two years, with the additional feature that the validation team will be briefed on the NCSX cost target proposed by the project.
- \* The usual validation team of L.Ely, OFES staff, and PG staff may be augmented by a consultant from the community (e.g., someone like Dave Gwinn of MIT) to consult on cost issues.
- \* ACTION: Chuck will seek Willis concurrence on the above plan.
- \* After the meeting, Pitonak sent an e-mail suggesting a "mission need validation" might also be included as part of this year's project validation. To be discussed.

Mission Need (Marton)

- \* Nothing further needed from NCSX at this time; QOS document needed at earliest convenience (ACTION: Lyon).
- \* Mission Need documents are not being pushed through the system at this time, due to imminent transition. All agreed that it is appropriate to wait.

Compact Stellarator Visit to OFES

- \* It was proposed that PPPL and ORNL visit OFES to present seminar and discuss plans for compact stellarators.

\* Possible dates (in order of decreasing preference) are weeks of 2/19, 2/26, and 3/5.

\* ACTION: Chuck, Hutch, Jim determine availability of key personnel in their organizations and work out a date.

Next DOE-OFES Monthly Meeting: Tues., Feb. 6 at 11:00

Minutes by G.H.Neilson