

**Department of Energy Review of the National Compact Stellarator Experiment (NCSX)  
Princeton Plasma Physics Laboratory, Princeton, NJ  
November 18-20, 2003**

**AGENDA**

**Tuesday Morning, November 18, 2003 –Room LSB-318**

**DOE Executive Session. Chair: D. Lehman**

- 8:00 DOE Executive Session, D. Lehman
- Fusion Energy Sciences Program Perspective, G. Nardella
- DOE Federal Project Director Perspective, G. Pitonak

**Project Overviews (Plenary Session). Facilitator: R. Hawryluk**

- 9:00 PPPL Welcome, R. Goldston
- 9:05 Review Team Leaders Remarks, G. Westerbeck, D. Lehman
- 9:10 NCSX Project Overview, H. Neilson
- 10:00 Break

**Late Morning, Room A-104 (Display Wall Room). Facilitator: H. Neilson**

- 10:15 Stellarator Device Overview (WBS 1) - B. Nelson
- 11:10 Assembly and Metrology Overview (WBS 18 & 7) - M. Cole
- 12:00 Lunch Break

**Early Afternoon, Room A-104 (Display Wall Room). Facilitator: J. Lyon**

- 12:40 Ancillary Systems Overview (WBS 2-6), L. Dudek
- 1:00 Project Management and Integration Overview (WBS 81: Mgt., Cost, Schedule, Funding) - H. Neilson
- 1:45 Break

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**Tuesday Afternoon, November 18, 2003**

<p><b>Breakout Session 1A, Room A-104 (Display Wall Rm)</b>  <b>Stellarator Core (WBS 1) Facilitators: B. Nelson P. Heitzenroeder</b></p> <p>J. Minervini (chair) - D. Anderson, B. Strauss, G. Johnson, T. McManamy</p> <p>2:15 Modular Coils &amp; Services Design &amp; Analysis (WBS 4, 6) - B. Nelson</p> <p>3:15 MC Winding Form Fab. and R&amp;D - P. Heitzenroeder</p> <p>4:00 Modular Coil Fab. and R&amp;D - J. Chrzanowski</p> <p>4:45 Modular Coil Summary - B. Nelson</p> <p>5:00 Adjourn</p>	<p><b>Breakout Session 2A, Room LSB-331 (Director's Conf Rm)</b>  <b>Ancillary Systems (WBS 2-6) Facilitator: L. Dudek</b></p> <p>T. Casper, F. Dylla, D. MacNair, P. Politzer</p> <p>2:15 Vacuum and Fueling Systems (WBS 21/22) - W. Blanchard</p> <p>2:35 NB Injection (WBS 25) - T. Stevenson</p> <p>3:00 Diagnostics (WBS 3) - B. Stratton</p> <p>3:20 Central I&amp;C / Data Acq. (WBS 5) - G. Oliaro</p> <p>3:40 Electrical Power Systems (WBS 4) - S. Ramakrishnan</p> <p>4:00 Discussion</p> <p>5:00 Adjourn</p>
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5:00 DOE Executive Session (LSB-318) Chair: D. Lehman

6:30 Adjourn

7:00 Dinner at Good Time Charlie's, Kingston, NJ (No Host)

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**Wednesday, November 19, 2003**

<p><b>Breakout Session 1B, A-104</b> <b>Stellarator Core (WBS 1)</b> <b>Facilitator: B. Nelson</b></p> <p>J. Minervini (chair), D. Anderson, G. Johnson, T. McManamy, B. Strauss</p> <p>8:00 Vac. Vessel Design, Interfaces, PFCs (WBS 11/12)– P. Goranson 9:15 Vac. Vessel Fab. &amp; R&amp;D– M. Viola 9:45 Vac. Vessel Analysis &amp; Summary– P. Goranson 10:30 Break 10:45 Conventional Coils &amp; Structures (WBS 13/15)– M. Kalish, L. Myatt 11:30 Cryostat and Base (WBS 17), G. Grettelfinger 11:50 Discussion 12:00 Adjourn</p>	<p><b>Breakout Session 2B, LSB-331</b> <b>Ancillary Systems (WBS 2-6)</b> <b>Facilitator: M. Zarnstorff, L. Dudek</b></p> <p>T. Casper, F. Dylla, G. Johnson, D. MacNair, T. McManamy, P. Politzer</p> <p>8:00 Integrated System Testing and First Plasma (WBS 85), C. Gentile 8:20 Research Program (WBS 84), M. Zarnstorff 8:40 Discussion /Working Session 10:30 Break 10:45 Cryogenic System (WBS 12), G. Grettelfinger 11:00 Facility Systems (WBS 6), L. Dudek 11:20 Test Cell Prep / Machine Assy. (WBS 14), E. Perry 12:00 Adjourn</p>	<p><b>Breakout Session 3, LSB-233</b> <b>Management (WBS 8), Cost, Schedule, and Funding</b> <b>Facilitator: J. Lyon</b></p> <p>L. Price (chair), T. Chargin, S. Meador, K. Chao</p> <p>8:00 System Engineering (WBS 82, 19), W. Reiersen 8:30 Cost &amp; Schedule Methodology, R. Strykowski 9:15 QA/QC, J. Malsbury 9:30 Procurement, R. Templon 10:00 Discussion /Working Session 10:30 Break 10:45 Discussion /Working Session 12:00 Adjourn</p>
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- 12:00 Group photograph (NCSX test cell) & Lunch break
- 1:00 Subcommittee Working Sessions : SC-1 (LSB-318), SC2-7 (LSB-331), SC8-9 (t.b.d.)
- 2:30 Break
- 3:00 DOE Executive Session
- 6:30 Adjourn

**Review Headquarters: LSB-318  
11/17/03**

**Breakout Rooms:**

**A-104: Display Wall Room  
LSB-331: Director's Conference Room  
LSB- 233: DOE Conference Room**

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**Thursday, November 20, 2003 – Room LSB-318**

- 8:00 Report Preparation
- 9:30 Executive Session Closeout Dry Run
- 12:00 Lunch break
- 12:45 Closeout Briefing with NCSX Management
- 1:30 Adjourn