

**Process in FY 1998 for Development of FY-1999 National Spherical Torus Experiment (NSTX) Research Program - Highlight**

(<http://fileroom.pppl.gov/nstxhome/index.html>, under "NSTX Research Program," then "National Process")

NSTX Program, 10/30/97

Proposed Process

We envision 5 sequential steps in this process, spanning September 1997 through September-October 1998:

- 1) Scientific Priorities and Available Research (9-10/97)
  - 2) Research Forum and Working Group Reports (10-12/97)
  - 3) Research Proposals and Program Outline (1-3/98)
  - 4) DOE Review and Approval (4-9/98)
  - 5) Research Team and Tasks Plan for FY 1999 (9-11/98)
- 1) Define Scientific Priorities and Announce Available Research (9-10/97)
  - 1a) NSTX PAC met during September 17-18, 1997.
  - 1b) The PAC submits the meeting report in two weeks.
  - 1c) Notice of Available Research on NSTX for FY 1999-2001 issued and can be viewed at <http://fileroom.pppl.gov/nstxhome/index.html>, under "NSTX Research Program."
- 2) Hold Research Forum and Produce Working Group Reports (10-12/97)
  - 2a) FY-98 NSTX Research Forum announced and can be viewed at <http://fileroom.pppl.gov/nstxhome/index.html>, under "NSTX Research Program," "Meetings."
  - 2b) NSTX Research Forum on December 3-5, 1997.
  - 2c) Solicit during Research Forum Letters of Interest for participation in research on NSTX during FY 1999-2001.
  - 2d) OFES of DOE issues in 12/97 request for proposal to carry out collaborative research on NSTX.
  - 2e) The NSTX Working Groups issue in about 2 weeks following the Forum the Working Group reports.
- 3) Develop Integrated Proposals and Outline NSTX Research Program (1-3/98)
  - 3a) Draft PPPL pre-proposals by January 20, 1998.
  - 3b) Letters of Interest due on January 20, 1998.
  - 3c) OFES of DOE issues in 1-2/98 initial budget guidance for FY 1999.
  - 3d) Draft FY-99 NSTX Research Program Proposal formulated in 2/98.
  - 3e) NSTX PAC meets in 2/98 to advise on Draft FY-99 Proposal.
  - 3f) The PAC submits the meeting report in two weeks.
  - 3g) The PPPL Director issues in 3/98 the NSTX Program Outline.
  - 3h) Draft FY-99 NSTX Research Program Proposal updated and distributed in 3/98.
  - 3i) DOE FWP meeting in 3/98.
- 4) DOE Review and Approve Proposals (4-8/98)
  - 4a) The OFES of DOE reviews Field Work and Grant Proposals and make decisions on funding.
- 5) Form Research Team and Develop Tasks Plan for FY 1999 (8-10/98)

- 5a) NSTX Program Executive Committee formed in 8-9/98.
- 5b) NSTX Research Team Meeting held in 9-10/98.
- 5c) National NSTX Research Plan for FY 1999 issued in 10/98.
- 5d) The task teams and NSTX facility and research operation groups formulate and propose to the Executive Committee in 10-11/98 detailed plan for task execution.
- 5e) Working NSTX FY-1999 experimental run plan issued in 11/98.