

NATIONAL ACADEMY OF SCIENCES – NATIONAL RESEARCH COUNCIL
Assessment of a Burning-Plasma Experimental Program

An assessment of the DOE program of burning plasma experiments and its role in magnetic fusion research...will have three components:

- 1. An assessment of the importance of a burning-plasma experimental program for fusion energy sciences and technology, for the development of fusion as an energy source, for plasma physics, and for science in general.**
- 2. An assessment of scientific and technical readiness to undertake a burning plasma experimental program.**
- 3. An independent review and assessment of the plan for the U.S. magnetic fusion burning plasma experimental program as developed by the Department of Energy through the FESAC and Snowmass processes. The Committee will make recommendations on the program strategy aimed at maximizing the yield of scientific and technical understanding as the foundation for the future development of fusion as an energy source.**