FUSION ENERGY SCIENCES ADVISORY COMMITTEE
U.S. DEPARTMENT OF ENERGY

Advisory Committee Charter

1. **Committee's Official Designation**. Fusion Energy Sciences Advisory Committee (FESAC).

2. **Authority**. This charter establishes the Fusion Energy Sciences Advisory Committee (Committee) under the authority of the U.S. Department of Energy (DOE). The Committee is being renewed in accordance with the provisions of the Federal Advisory Committee Act (FACA), as amended, 5 U.S.C., App. 2.

3. **Objectives and Scope of Activities**. The Committee provides advice and recommendations concerning the Fusion Energy Sciences (FES) program in response only to charges from the Director, Office of Science, except as described below. The activities of the Committee include:

- Making periodic assessments of the issues facing the various elements of the FES program and developing recommendations for changes to the program elements based on these assessments, scientific and technological advances in the field, or other factors;

- Providing advice on the merits of competing technical options, long-range plans, priorities, and strategies related to the scientific and engineering issues facing the FES program;

- Providing advice on the allocation and levels of funding appropriate to implement those strategies and helping to maintain an appropriate balance among the various program elements; and

- Providing advice and recommendations on any issues relating to the FES program as requested by the Director, Office of Science.

When it becomes necessary for the program to deal with issues related to the High Energy Density Laboratory Plasmas element of the program, the Committee will receive charges signed jointly by the Under Secretary for Science and Energy and the Under Secretary for the National Nuclear Security Administration, or their designees. The preparation of these charges and the Committee's responses to them will be governed by the *Memorandum of Understanding between the United States Department of Energy, Office of Science, and the National Nuclear Security Administration Concerning Advisory Functions on the Joint Program in High Energy Density Laboratory Plasmas (HEDLP).* This Memorandum is attached and is to be considered an integral part of this charter.

4. **Description of Duties**. The duties of the Committee are solely advisory in nature.

5. **Official(s) to Whom the Committee Reports**. The Advisory Committee reports to the Director, Office of Science, except when it is dealing with issues related to High Energy Density Laboratory Plasmas, in which case the Committee will report to both the Under Secretary for Science and Energy and the Under Secretary for the National Nuclear Security Administration, or their designees.

6. **Agency Responsible for Providing the Necessary Support**. The Department of Energy will be responsible for financial and administrative support. Within the Department, primary support shall be furnished by the Office of Science.

7. **Estimated Annual Operating Costs and Staff Years**. The estimated annual operating costs associated with supporting the Committee are approximately $320,000; including 0.5 Full-Time Equivalent staff per year.

8. **Designated Federal Officer (DFO)**. A full-time or permanent part-time Department of Energy employee, appointed in accordance with agency procedures, will serve as the DFO. The DFO (or designee) will approve or call all of the Committee's and Subcommittee's meetings, prepare and approve all meeting agendas, attend all Committee and Subcommittee meetings, and adjourn any meeting when the DFO determines adjournment to be in the public interest.

9. **Estimated Number and Frequency of Meetings**. The Committee will meet approximately two to four times per year, as needed.

10. **Duration**. Continuing in nature.

11. **Termination**. The Committee terminates two years from the Charter filing date, and may not meet if the Charter is not renewed.

12. **Membership and Designation**. The Committee will be comprised of approximately 20 members, who will be appointed by the Under Secretary for Science and Energy (or designee), to achieve a balanced representation of the viewpoints of the various stakeholders involved in FES research activities. Members shall be experts in their respective fields and appointed as special Government employees or representatives of entities including, but not limited to, research facilities and academic institutions, should the Committee's task require such representation. The Chair and Vice Chair of the Committee will be appointed by the Under Secretary for Science from among the Committee members.

Members of the Committee will serve without compensation. However, each member may be reimbursed in accordance with the Federal Travel Regulations for authorized travel and per diem expenses incurred while attending Committee meetings.

13. **Subcommittee(s)**. The Department of Energy has the authority to create subcommittees to facilitate the functioning of the Committee. The objective of the subcommittees is to make recommendations to the Committee with respect to a particular charge related to the

responsibilities of the Committee. Such subcommittees or workgroups may not work independently of the chartered Committee and must report their recommendations and advice to the full Committee for full deliberation and discussion.

Subcommittees and working groups have no authority to make decisions on behalf of the chartered Committee, nor can they report directly to the Department of Energy.

14. **Recordkeeping**. The records of the Committee shall be handled in accordance with the General Records Schedule 26, Item 2 and Administrative Records Schedule 16, Item 8b (1.1), and approved agency records disposition schedule. These records shall be available for public inspection and copying, subject to the Freedom of Information Act, 5 U.S.C. 552.

15. Filing Date.

Date filed with Congress: August 5, 2015

Erica De Vos
Acting Committee Management Officer

Attachment:
Memorandum of Understanding

Memorandum of Understanding
between
the United States Department of Energy, Office of Science, and
the National Nuclear Security Administration
Concerning Advisory Functions on
the Joint Program in High Energy Density Laboratory Plasmas (HEDLP)

The United States Department of Energy, Office of Science (SC), and the National Nuclear Security Administration (NNSA), herein referred to as the Parties, desiring to pursue a Joint Program in High Energy Density Laboratory Plasmas (HEDLP), agree to make provisions for seeking advice from an existing Federal advisory committee. The Parties agree as follows:

1) The Parties will seek from the Fusion Energy Sciences Advisory Committee (FESAC) advice, guidance, and recommendations to the Department in response to charges prepared jointly by SC and NNSA and signed by the Under Secretary for Science and the Under Secretary for Nuclear Security, on the Joint Program in high energy density laboratory plasmas, including:

    a. Periodic assessments of the HEDLP Program issues and recommendations of any changes considered desirable on the basis of scientific and technological advances or other factors;

    b. Advice on the merits of competing areas of high energy density laboratory plasmas;

    c. Advice on allocation and levels of funding appropriate to implement the HEDLP Program and to help maintain appropriate balance among the elements of the Program; and

    d. Advice and guidance on any issues relating to the HEDLP Program as requested by the Secretary of Energy, or the Under Secretary for Science and the Under Secretary for Nuclear Security.

2) Upon the receipt of a charge dealing with any aspect of the HEDLP Program, the Office of Science will ensure that FESAC will establish, following its regular practice, an ad hoc subcommittee with membership that reflects the appropriate expertise in high energy density laboratory plasmas needed to respond to that charge.

3) The Parties will ensure that:

    a. The FESAC Chair, the Associate Director for Fusion Energy Sciences, and the Assistant Administrator for Inertial Confinement Fusion will work together to select a subcommittee chair and members;

    b. The subcommittee will report any findings, advice, or guidance to FESAC as a whole; and,

c. FESAC, following a public meeting, will report to the signers of the charge.

4) This agreement can be modified in writing by agreement of the Parties, or terminated by either Party with reasonable notice, in writing, to the other Party.

5) This Agreement is neither a fiscal nor a funds obligation document. Nothing in this Agreement authorizes or is intended to obligate the Parties to expend, exchange, or reimburse funds, services, or supplies, or transfer or receive anything of value.

6) This Agreement in no way restricts either of the Parties from participating in any activity with other public or private agencies, organizations or individuals.

7) This Agreement is strictly for internal management purposes for each of the Parties. It is not legally enforceable and shall not be construed to create any legal obligation on the part of either Party. This Agreement shall not be construed to provide a private right or cause of action for or by any person or entity.

8) All agreements herein are subject to, and will be carried out in compliance with, all applicable laws, regulations, and other legal requirements.

Raymond L. Orbach 5/15/08

Dr. Raymond L. Orbach Date
Under Secretary for Science
U.S. Department of Energy

P. D'Agostino 5/14/08

Thomas P. D'Agostino Date
Under Secretary for Nuclear Security
U.S. Department of Energy