

Charter for Dr. Corradini's Subcommittee

**Charter
Nuclear Reactor Technology
Subcommittee of
Nuclear Energy Advisory Committee (NEAC)
Incorporates new guidance**

**Office of Nuclear Energy
U.S. Department of Energy**

Purpose:

The purpose of the Nuclear Reactor Technology (NRT) Subcommittee is to review and provide expert guidance to the Assistant Secretary for Nuclear Energy, through NEAC, on both the short term and longer term direction of research and development on reactor technologies for deployment in the United States and abroad. Topical areas for review by the subcommittee include, but are not limited to, Gas-cooled Reactors (including the Next Generation Nuclear Plant Demonstration Project and its associated research and development programs), Small Modular Reactors, Sodium-cooled Reactors, Salt-cooled Reactors, Light Water Reactors, and cross-cutting and enabling technologies including codes and methods development, regulatory development, materials development and advanced modeling and simulation. Other topical areas for review can be added by the Assistant Secretary for Nuclear Energy or the Deputy Assistant Secretary for Nuclear Reactor Technologies. The subcommittee shall report to NEAC and function in accordance with the Federal Advisory Committee Act (FACA).

Objective:

The objective of the NRT subcommittee is to provide an independent expert review of the research and development areas under the Deputy Assistant Secretary for Nuclear Reactor Technologies, within the Office of Nuclear Energy and report their findings, recommendations, comments, and guidance to NEAC and the Assistant Secretary for Nuclear Energy.

Subcommittee Membership:

The Chair of the subcommittee shall be a member of the full committee. The Chair of the NRT subcommittee shall propose the members to serve on the subcommittee, who will be jointly approved by the Assistant Secretary of Nuclear Energy and the NEAC Chair. At least one subcommittee member should be able to provide an industry perspective related to nuclear technology development and deployment.

Meetings, Reports, and Other Matters:

The Chair of the NRT subcommittee shall determine when and where the subcommittee will meet. Attendance at subcommittee meetings is by invitation of the subcommittee

Chair only. It is expected that the subcommittee will meet no less than once in any 12-month period, and the Chair of the NRT subcommittee will report on the subcommittee's activities to NEAC at their normal meetings. It is also expected that a brief report will be generated after every subcommittee meeting documenting the meeting. The brief report will be provided to the NEAC Designated Federal Officer within 30 days of the meeting for distribution to the full committee. The subcommittee's report to NEAC can be presented by the Chair of the subcommittee or the subcommittee Chair may delegate that responsibility to one of the subcommittee members. This decision is the sole responsibility of the subcommittee Chair. Subcommittee documents (e.g., presentation material) will be made available to members of the full committee upon request.