Congress of the United States Washington, DC 20515

March 14, 2016

The Honorable Mike Simpson Chairman House Appropriations Subcommittee on Energy and Water Development 2362-B Rayburn House Office Building Washington, D.C. 20515 The Honorable Marcy Kaptur Ranking Member House Appropriations Subcommittee on Energy and Water Development 1016 Longworth House Office Building Washington, D.C. 20515

Dear Chairman Simpson and Ranking Member Kaptur:

We are writing to express our strong support for the fusion energy research programs funded by the Office of Fusion Energy Sciences (FES) at the Department of Energy's Office of Science. We appreciate the funding level provided for fusion energy research in the FY 2016 Omnibus Appropriations bill, and we request that you continue to invest in this critical area by including robust funding in FY 2017 for both the domestic fusion research and facilities program and the United States' contributions to the international ITER project.

As you know, fusion power is a safe, clean, and sustainable energy source that could provide the United States with energy independence and a nearly limitless energy supply. The pursuit of this vital energy source, both through the research and facilities program and through domestic contributions to ITER, drives innovation in important areas of science and technology and has bred a first-rate fusion workforce in the United States. The United States has always led the fusion field, playing a key role in its origination and conducting many of the milestone experiments that have advanced fusion science. University programs, labs, and facilities throughout the country are critical to maintaining U.S. leadership in developing fusion power, as is our participation in ITER.

We look forward to the Secretary of Energy's May 2nd report on future U.S. participation in ITER. In the meantime, we respectfully request that you include at least \$458 million for the fusion energy sciences program: \$333 million for the domestic fusion research and facilities program and \$125 million for U.S. participation in ITER. This funding level will help reinvigorate our university programs so they remain the best in the world, allow better utilization of our world-leading experiments, and ensure that key areas of fusion and plasma-related science and technology can move forward.

Thank you for your attention to this matter.

Sincerely

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