Industry Alliance
Clean, Sustainable Energy for the 21st Century

P.O. Box 837
Ridgeland, Mississippi 39158-0837

May 3, 2016

The Honorable Fred Upton, Chairman
The Honorable Frank Pallone, Ranking Democratic Member
The Honorable, Edward Whitfield, Chairman Subcommittee on
Energy and Power
The Honorable Bobby L. Rush, Ranking Democratic Member
House Committee on Energy and Commerce
Washington, D.C. 20515

Dear Chairman Upton, Ranking Member Pallone, Chairman Whitfield and Ranking Member Rush:

I am writing to express the support of the Next Generation Nuclear Plant Industry Alliance for H.R. 4979, the Advanced Nuclear Technology Development Act of 2016.

Nuclear energy is the largest and most reliable source of carbon-free electricity in our modern world and is an essential technology for national and international growth and prosperity as well as clean energy generation. While innovation in essentially every other technology industry has helped the United States and other nations to make significant improvements in performance while reducing cost, our highly prescriptive regulatory framework for nuclear power plants, in combination with other factors, has acted to limit innovation. This lack of innovation has had many consequences on the US nuclear energy industry, including a decline in US global leadership, significant decline in the availability of U.S. centric supply chains and the associated loss of high paying jobs. It has also diminished our ability to influence the deployment of the nuclear technology in emerging and developing countries. U.S. security as well as global carbon emissions cannot afford continuation of this trend. The NGNP Alliance believes your bill is important to allow our vendors, suppliers, and utilities to invent the future of clean, reliable, safe, and affordable energy generation. The bill builds on the 1) NRC's objective of meeting "Principles of Good Regulation", 2) vendors objective of being able to innovate, 3) utilities goal of continuous performance improvement, and 4) collective goal of reducing cumulative effects of

regulation. The NGNP believes that the bill represents the views of the coalition of thought leaders who care about clean environment and affordable energy as well as global growth.

The NGNP Industry Alliance further believes that there is an urgent need for enabling deployment of advanced clean energy technologies in the U.S. To this end, one of the Alliance's objectives is to pave the way for other innovative nuclear technologies to be developed and deployed by accelerating deployment of modern High Temperature Gas Cooled Reactor (HTGR) technology. This technology, an inherently safe and carbon free source of industrial process heat and electric power generation, is universally acknowledged as the most ready-for-deployment advanced reactor technology. As a result, we are particularly supportive of the provisions of S. 2795 that would modernize the NRC regulatory framework in the interest of expediting the deployment of advanced non-LWR reactors. We believe that the provisions for developing technology inclusive, performance-based/risk-informed licensing technical requirements, are the most important elements of this insightful bill.

We thank you and the Committee for your leadership and interest in this very important issue and we look forward to supporting passage of this game-changing bill. We believe the enactment of this bill is paramount for allowing innovation, the engine of America's greatness, to be used for the service of our nation's security interests as well as creating high paying jobs and delivering clean, reliable, affordable and inherently safe nuclear energy.

Sincerely,

Chris J. Hamilton
Executive Director

cc: Congressman Bob Latta
Congressman Jerry McNerney