



The Honorable Marcy Kaptur
 Chairwoman
 Subcommittee on Energy and
 Water Development
 Washington, D.C. 20515

The Honorable Michael Simpson
 Ranking Member
 Subcommittee on Energy and
 Water Development
 Washington, D.C. 20515

The Honorable Diane Feinstein
 Chairman
 Subcommittee on Energy and Water
 Development
 Washington, DC 20510

The Honorable John Kennedy
 Ranking Member
 Subcommittee on Energy and Water
 Development
 Washington, DC 20510

Dear Chairs Kaptur and Feinstein and Ranking Members Simpson and Kennedy:

As you prepare to finalize the FY2022 Energy and Water Appropriations bill and begin work on the FY2023 bill, we encourage you to include robust funding for the Department of Energy’s advanced nuclear energy programs. In particular, we urge you to include the highest possible funding levels for the Advanced Reactor Demonstration Program (ARDP), which seeks to demonstrate multiple next generation nuclear reactor designs, and the Advanced Nuclear Fuel Availability Program, which would provide the high-assay low-enriched uranium (HALEU) required by most of these designs.

Advanced reactors, which include new light water and non-light water reactor technologies, offer a wide range of new designs and features, including innovative coolants and fuels that allow for even lower-risk and higher-efficiency operation; passive safety features that can make reactors walk-away safe; and smaller sizes that reduce costs and increase flexibility. Reliable and dispatchable electricity from advanced reactors can provide a necessary complement to clean but variable power from wind and solar.

In the bipartisan Energy Act of 2020 Congress authorized important programs to accelerate the commercialization of advanced reactors, including the ARDP and Advanced Nuclear Fuel Availability Program. The bipartisan Infrastructure Investment and Jobs Act of 2021 (IIJA) included partial funding for Pathway 1 ARDP projects, but significant funding needs remain for Pathway 1 and other ARDP projects, including Risk Reduction for Future Demonstrations, Regulatory Development, Advanced Reactors Safeguards, and the National Reactor Innovation Center. The Advanced Reactor Concepts-20 program also plays an important role in supporting innovative and diverse designs with the potential to commercialize in the mid-2030s. In addition, while a variety of legislative proposals would inject significant resources into the Advanced Nuclear Fuel Availability Program – for example, the House-passed Build Back Better Act provides \$500 million over the next four years – none has been enacted into law.

The advanced nuclear programs in the Energy Act and IIJA were enacted with broad bipartisan support in the House and Senate, and with the support of the undersigned environmental non-governmental organizations, labor unions, and business groups.

We ask that your bill include strong funding for these important and effective programs.

Sincerely,

American Nuclear Society
 ARC Clean Energy

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BWX Technologies, Inc.
Center for Climate and Energy Solutions
Centrus Energy Corp.
Clean Air Task Force
ClearPath Action
Climate Coalition
Edison Electric Institute
Energy Impact Center
Energy Northwest
Framatome Inc.
GE Hitachi Nuclear Energy
Generation Atomic
Good Energy Collective
Holtec Government Services
International Brotherhood of Electrical Workers (IBEW)
Kairos Power LLC
Lightbridge Corporation
North America's Building Trades Unions
The Nature Conservancy
Nuclear Energy Institute
Nuclear Innovation Alliance
Nucleation Capital
Orano USA
TerraPower
Third Way
U.S. Chamber of Commerce Global Energy Institute
U.S. Nuclear Industry Council
Virginia Nuclear Energy Consortium
X-Energy, LLC