

Advanced Nuclear: CFTI Demonstrated Successes in the 117th Congress

Demonstration

- \$3.2 billion appropriated in the Infrastructure Investment and Jobs Act for multi-year funding through FY27 to support the existing Advanced Reactor Demonstration Program (ARDP).
- \$800 million dedicated to continue funding for existing awards under ARDP.

Infrastructure:

- \$55 million (a \$25 million increase over FY21) for ongoing and future infrastructure builds through the National Reactor Innovation Center (NRIC).

Research and Development

- \$500 million to spend over FY22-FY26 for DEO to provide grants to conduct studies for replacement and/or repowering of coal-fired power plants with advanced nuclear reactors.
- \$713 million to implement the applied fusion program (\$41 million increase over FY21) for spending through FY25, for DOE's Fusion Energy Science within the Office of Science.
- Nuclear Fission funding: \$55 million/year through FY25 for light water technology; \$55 million/year through FY25 for Advanced Reactor Technology (ART) program and \$60 million/year through FY25 for used nuclear fuel disposition program.

Deployment

- Existing nuclear energy project tax credits were extended through 2032.
- Advanced nuclear eligible for both the Clean Electricity Production Credit and the Clean Electricity Investment credit.
- \$45 million to support a High-Assay Low Enriched Uranium (HALEU) fuel market, to support fuel production and not depend on Russian sources.
- DOE Loan Guarantee Program to provide HALEU support as well.