

What Makes Nuclear Energy a Cornerstone of National Security?



Leading in Nuclear Energy Means Leading in the World

We are ceding leadership to Russia and China.

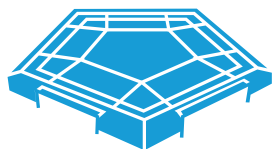
- ▶ America's expertise lets us set international standards and keep nuclear materials out of the hands of bad actors.
- ▶ Reactor exports allow the U.S. to form 100-year strategic relationships around the world that span the construction, operation and decommissioning of a plant.



A Secure Nation Needs a Resilient Grid

Nuclear keeps the lights on when the country needs it.

- ▶ Nuclear plants generate electricity 24/7—even in extreme weather—and have up to two years of fuel on-site.
- ▶ Comprehensive safety procedures and stringent federal regulations ensure nuclear plants are protected and robust.



Nuclear Powers National Defense

The nuclear industrial base bolsters the U.S. Navy, DOD and DOE.

- ▶ The industry supports a strong supply chain for our nuclear Navy and defense agencies.
- ▶ Since the U.S. DOD depends on the grid to power 99 percent of its installations, nuclear's reliability supports the nation's ability to defend itself.
- ▶ The Pentagon, with Congress' encouragement, is considering the use of small reactors to enhance domestic defense installations.

Russia

Domestic reactors under construction **6**

Exported reactors under construction **11**

China

Domestic reactors under construction **11**

Exported reactors under construction **2**

U.S.

Domestic reactors under construction **2**

Exported reactors under construction **0**

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