

## FACT SHEETS

Fact Sheet: President Donald J. Trump Deploys Advanced  
Nuclear Reactor Technologies for National Security

The White House

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**DEPLOYING NUCLEAR REACTORS FOR NATIONAL SECURITY:** Today, President Donald J. Trump signed an Executive Order to rapidly deploy advanced nuclear technologies to support national security objectives, including powering artificial intelligence (AI) computing infrastructure and national security installations.

- The Order directs the Secretary of the Army to establish a program of record to build a nuclear reactor at a domestic military installation to commence operations within the next three years.
- The Order directs the Secretary of Energy to designate AI data centers, located at or operated in coordination with Department of Energy (DOE) facilities, as critical defense facilities, and the nuclear reactors powering them as defense critical electric infrastructure.

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national security objectives within 30 months.

- The Secretary of Defense, in coordination with the Secretary of Energy, the Director of the Office of Management and Budget, and the Secretaries of the military departments, is tasked with making legislative and regulatory recommendations regarding the operation of advanced nuclear reactors on military installations.

**SUPPORTING NUCLEAR PARTNERSHIPS WITH THE PRIVATE SECTOR:** President Trump is taking comprehensive actions to remove government barriers to private sector investment and deployment of advanced nuclear technologies at Federal sites.

- The Order directs the Secretary of Energy to release at least 20 metric tons of high-assay low-enriched uranium into a readily available fuel bank for private sector projects operating nuclear reactors to power AI infrastructure at DOE sites.
- The Secretaries of Energy and Defense shall utilize their authorities to enable the construction and operation of privately-funded nuclear fuel recycling, reprocessing, and fabrication capabilities at Federal sites.
- The Order directs the Secretaries of Energy and Defense to explore using categorical exclusions under the National Environmental Policy Act for the construction of advanced nuclear reactor technologies on Federal sites.
- Federal departments will prioritize the issuance of security clearances to support the rapid distribution and use of nuclear energy and fuel cycle technologies.

**PROMOTING AMERICAN NUCLEAR EXPORTS:** President Trump is fully leveraging the resources of the Federal government to promote the U.S. nuclear industry in the development of commercial civil nuclear projects worldwide.

- The Order tasks the Secretary of State or his delegee to lead diplomatic engagement and negotiations for agreements under section 123 of the Atomic Energy Act to enable the U.S. nuclear industry to access new markets in partner countries.
- Within 90 days, the Federal government will produce strategies to:
  - Increase financing for U.S. nuclear projects and promote nuclear trade; and
  - Make financial and technical support available to support foreign adoption of nuclear energy.
- The Order directs the Secretary of State to implement a program to enhance the global competitiveness of American nuclear companies by expediting agreements and removing burdens on American exports.

**POWERING CRITICAL INFRASTRUCTURE AND NATIONAL SECURITY SYSTEMS:**

President Trump recognizes the need to power and operate critical defense facilities and computing infrastructure for AI capabilities.

- Military installations, including those in locations that are not well-served by other types of power due to complex supply chains required to reach them, require uninterrupted, dispatchable, high-density power of the type that advanced

nuclear reactors can provide because of their unique size and generation capabilities. This is critical for readiness and national security.

- The Federal Government’s advanced computing AI infrastructure will require a substantial increase in scalable power solutions, which advanced nuclear reactors are well-positioned to provide. This will ensure our technological supremacy in the emerging technologies of both AI and nuclear power.
- By empowering the Department of Energy and Department of Defense to expand utilization of advanced nuclear power and instructing each to reduce regulatory red tape hampering use of nuclear power at their sites, this Order enhances our national security and reduces reliance on foreign sources of energy for our military and AI operations.
- 87% of new reactor builds worldwide are based on foreign designs, and the majority of the world’s nuclear fuel comes from foreign sources. By instructing the Department of State and other agencies to aggressively pursue export opportunities, this Order will strengthen our relationships with our allies and disrupt potential industry control by adversaries.

**UNLEASHING AMERICAN ENERGY:** President Trump believes in supporting all forms of reliable, dispatchable energy, harnessing nuclear, fossil fuels, and emerging technologies to secure American energy independence and fuel economic growth.

- On Day One, President Trump declared a National Energy Emergency to eliminate bureaucratic barriers, unleash innovation, and restore America’s position as the world’s leading energy producer.
- Unleashing American energy will create jobs and economic prosperity, improve the United States’ trade balance, help our country compete with hostile foreign powers, strengthen relations with allies and partners, and support international peace and security.

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