

NNSA's Office of Defense Nuclear Nonproliferation

America's Shield Against Nuclear and Radiological Attack

Who We Are

NNSA's Office of Defense Nuclear Nonproliferation (DNN) strengthens U.S. strategic deterrence by denying, detecting, and defeating nuclear proliferation—both horizontal and vertical—as well as nuclear and radiological terrorism.

Protecting the Homeland

DNN stops threats before they can reach the U.S. homeland through a multi-layered defense that prevents state and non-state actors from acquiring the nuclear and radioactive materials, technologies, and expertise needed for a weapons program. Our efforts to deny, detect, and defeat adversaries help us permanently remove risk, create delay mechanisms, or allow us to act quickly with short warning. We work to:

1. Minimize and eliminate weapon-usable nuclear and radiological materials;
2. Safeguard and secure material facilities that are needed for peaceful use;
3. Control further proliferation by countering nuclear smuggling and illicit exports; and
4. Detect proliferation and verify compliance.

Advancing Energy Dominance

DNN also partners with U.S. industry to simultaneously advance nonproliferation and commercial goals at every step of the deployment process, from designing in safeguards and security into U.S. nuclear reactors, to providing the high-assay low-enriched uranium used to fuel them, to negotiating the agreements for peaceful nuclear cooperation that enable their export.

In turn, a strong and healthy U.S. commercial nuclear industry is a force multiplier for our global nonproliferation mission.



Removal of highly enriched uranium from Venezuela in April 2026

