

NNSA: Reducing Global Nuclear Threats

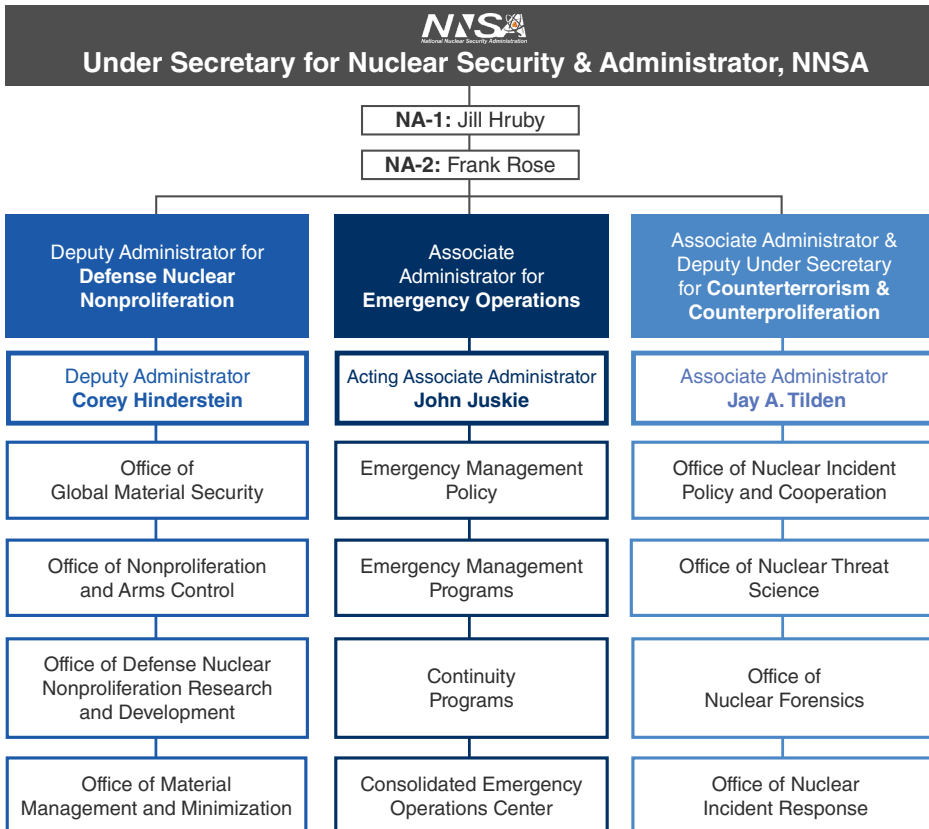
At a Glance

OUR MISSION

Reduce global nuclear and radiological security threats and strengthen the nuclear enterprise.

THE THREAT ENVIRONMENT

The environment is characterized by the persistent threat of state and non-state actors seeking to obtain nuclear and radioactive materials for malign purposes; strains on the nonproliferation and arms control regimes; challenges with ensuring nuclear energy is used solely for peaceful purposes; proliferation risks from expanded trade in dual-use commodities; and the rapid development of emerging technologies (including artificial intelligence, advanced manufacturing, and cyber-related tools) that may shorten nuclear weapon development timelines and complicate nuclear safeguards and security missions.



The **Office of Defense Nuclear Nonproliferation (DNN)** develops and implements policy, programmatic, and technical solutions to eliminate proliferation-sensitive materials and limit or prevent the proliferation of materials, technology and expertise related to nuclear and radiological weapons.

The **Office of Counterterrorism and Counterproliferation (CTCP)** counters nuclear threats and responds to nuclear incidents and accidents, domestically and abroad.

The **Office of Emergency Operations** administers and directs the implementation and integration of emergency management programs across DOE, including NNSA.

FY 2022 BUDGET REQUEST

DNN	\$1.854 B
CTCP	\$356.2 M
Emergency Operations	\$14.6 M

Budget Highlights

- Achieve permanent threat reduction by managing and minimizing nuclear materials
- Secure and protect at-risk nuclear and radioactive materials
- Promote universal adherence to the highest standard of safeguards implementation
- Strengthen U.S. technical capabilities to detect and characterize foreign nuclear weapons development activities
- Develop emergency management policy, implement Federal Mission Resilience Strategy, and ensure reliable continuity communications
- Counter the threat of nuclear and radiological terrorism and nuclear proliferation through innovative science, technology, and policy solutions