



National Nuclear Security Administration

Defense Nuclear Nonproliferation Cooperation with the Advanced Reactor Industry

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DNN FOCUS AND CAPABILITIES

The **Office of Defense Nuclear Nonproliferation** strengthens U.S. security by reducing global dangers posed by nuclear weapons, material, and technology.

DNN is organized to be flexible and responsive to an enduring and dynamic threat environment.



- Safeguards-by-Design (SbD)
- Export Controls/10 CFR Part 810
- Security-by-Design (SeBD)
- Proliferation Resistance Optimization
- High-Assay LEU

- “Team USA”
 - U.S. Government inter-agency group to engage with international partners and cultivate markets

- “ANSWER” Initiative
 - Intra-DOE coordinating body

- U.S. Nuclear Nexus
 - Web portal to connect U.S. industry with NNSA expertise

Tool to provide a dynamic means for U.S. industry to interact with NNSA

- Expected to go live Spring 2021, to learn more contact: nexus@anl.gov

Builds on “DOE-NNSA Recommendations and Resources for Advanced Reactor Developers”

Single point of entry and liaison to collaborate with NNSA offices

Interactive web portal and human connection that:

- Helps educate U.S. companies on navigating export control policies and regulations
- Enhances U.S. competitive advantage by promoting understanding and timely implementation of safeguards by design, security by design, and proliferation resistance in nuclear systems
- Tracks and shepherds requests for support and engagement

