Nuclear Enterprise Directorate (NE)

NE Mission

Provide innovative support to Department of Defense (DoD) warfighters, OSD, the Joint Staff, the Interagency, Allies and Partners, to ensure a safe, secure, reliable, and effective strategic deterrent, and provide world class Counter WMD, nuclear weapons, and CNI training as well as critical infrastructure vulnerability assessments.

Nuclear Enterprise Core Functions

Provide Accountability and Logistics

- DIAMONDS
- Defense Stockpile Management System
- Stockpile Emergency Verification (SEV)
- Weapons Program Managers

Ensure Nuclear Surety

- Force on Force Exercises
- Nuclear Weapons Accident/Incident Exercises
- Weapons System Safety Reports
- Security Deviation Reports
- Nuclear Security Policy

Oversee Nuclear Inspections

- Defense Nuclear Surety Inspection Oversight
- PRP Staff Assistance Visits

Execute Assessments

- Joint Mission Assurance Assessments
- Balanced Survivability Assessments
- DoD Red Team
- Cyber
- Analysis
- Assessment Report Repository

Educate and Train

- Defense Nuclear Weapons School
- Nuclear Weapons Instructional Museum

Keys to our success are our people and our ability to provide comprehensive, independent nuclear support

NE Current Requirements

- Subject Matter Experts (to include Advisory and Assistance Services) and program management for all areas of the mission (e.g. nuclear weapon safety)

- IT application designers, system administrators, and system engineers to design, build, maintain, and administer U.S. nuclear weapon accounting system(s); cyber tools for mission assurance assessments; and modeling/simulation

- Security professionals and cross-domain engineers versed in facility protection, mission assurance assessments, and force-on-force tests

- Professional emergency response/disaster planning/preparedness support

NE Future Requirements

Capacity and Capability Enhancement

- Moving forward, NE will apply resources to expanding capacity relative to the multiple lines of effort delineated in our current requirements on the previous slide

Future Initiatives

- Improve DTRA capability to provide high-fidelity cyber assessments and threat-based mission assurance assessments, and solutions for nuclear physical security

- Expand DTRA capacity to provide educational, training, and exercise support that will enhance Combatant Command and Special Operations Forces (SOF) capabilities to plan, control, and execute U.S. and allied missions that integrate U.S. nuclear and non-nuclear forces