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.

**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

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### FY 2022 BUDGET REQUEST

<table>
<thead>
<tr>
<th>Program</th>
<th>Budget Request</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNN</td>
<td>$1.854 B</td>
</tr>
<tr>
<td>CTCP</td>
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</tr>
<tr>
<td>Emergency Operations</td>
<td>$14.6 M</td>
</tr>
</tbody>
</table>