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OVERVIEW

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ACCOMPLISHMENTS AND CURRENT STATUS

NNSA and its labs, plants, and sites completed the First Production Unit of the W88 Alteration 370 in July 2021. This was the culmination of approximately 10 years of design, development, and qualification testing with the U.S. Navy. NNSA is currently producing W88 Alteration 370 units to meet delivery requirements to the U.S. Navy.

FUTURE MILESTONES

The last production unit will be completed in FY 2026 and then the weapon will enter the surveillance stage.

NNSA NUCLEAR SECURITY ENTERPRISE ROLES

Los Alamos National Laboratory and Sandia National Laboratories are the design and engineering labs for the W88 Alt 370, while multiple Nuclear Security Enterprise facilities are responsible for other aspects of the W88 Alt 370:

- Sandia National Laboratories production manufactures integrated circuits and thermal batteries.
- Los Alamos National Laboratory production manufactures detonator assemblies.
- Kansas City National Security Campus manufactures polymers; foams; gas transfer system components; Joint Test Assembly components; and the arming, fuzing, and firing assembly.
- Pantex Plant produces conventional high explosives and performs the final assembly of the complete W88 Alt 370 for delivery to the U.S. Navy.
- Y-12 National Security Complex manufactures weapon components and performs reacceptance activities.