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Nuclear Fundamentals Orientation

Fun Fact of the Day NFO Module 1

Managed by Triad National Security, LLC for the U.S. Department of Energy's NNSA

NFO Introduction

Presentation Overview:

- Fun Fact of the Day
- Weekly Double Fun Fact
- Questions and Answers

Fun Fact of the Day!

What aircraft could be flown off a U.S. Naval Destroyer carrying a Los Alamos National Laboratory made B57 nuclear depth bomb?

Fun Fact of the Day!

The Gyro-dyne QH-50C Drone Anti-Submarine Helicopter!

Fun Fact of the Day!

- The QH-50 D.A.S.H. was the first drone helicopter to enter operational service, the first rotorcraft deployed with a nuclear armament, and one of the first armed unmanned aerial vehicles. Retired in 2006.

Thank you!

Questions?

Email us: NFO@lanl.gov

Fun Fact of the Day!

What candy was sold exclusively to the U.S. Military in World War II and currently has a funded collaboration effort with Los Alamos National Laboratory?

Fun Fact of the Day!

The M & M!

Fun Fact of the Day!

- In pursuit of a better way to manufacture chocolate in 1941, Mars Incorporated created the M & M specifically for the U.S. military with the now famous phrase “Melts in your mouth, not in your hand”
- Recently Mars Inc. has funded a collaboration effort with Los Alamos National Laboratory to use our supercomputing simulations for sucrose crystallization to improve production efficiency

Thank you!

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Fun Fact of the Day!

What system held a Los Alamos National Laboratory made warhead that could be launched from a Jeep?

Fun Fact of the Day!

The M28/M29 Davy Crockett!

Fun Fact of the Day!

The W54 warhead was developed at Los Alamos National Laboratory and the launcher at Rock Island Army Arsenal. The Soviet national animal was a bear, so the name Davy Crockett was chosen by the designers. Retired in 1971.

Fun Fact of the Day!

Weekly Double Fun Fact!

Weekly Double Fun Fact!

What was the unofficial name that was given to the Los Alamos National Laboratory designed W54 warhead by the press?

Fun Fact of the Day!

The Backpack Nuke!

Fun Fact of the Day!

The W54 warhead alone was called the “Special Atomic Demolition Munition (SADM)” and could be used in multiple applications. The press named it the “backpack nuke” and the name persists today.

Thank you!

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