

CHAPTER 9

DOD NUCLEAR WEAPON SYSTEM SAFETY TRAINING PROGRAM

A. GENERAL

The objective of the DoD Nuclear Weapon System Safety Training Program (hereafter referred to as the Safety Training Program) is to enhance nuclear weapon system safety by broadening the knowledge of DoD Nuclear Weapon System Safety Program participants in technical and programmatic safety matters. It is intended to provide uniformity to safety program activities and to ease the nuclear weapons safety interactions between the Department of Defense and the DoE.

B. DOD TRAINING PROGRAM OUTLINE

1. Scope. The Safety Training Program is comprised of three curricula that emphasize different aspects of safety to support the needs of personnel associated with the DoD Nuclear Weapon System Safety Program. Those curricula are tailored to individual responsibilities and levels of participation in the DoD Nuclear Weapons System Safety Program.

2. Training Curricula

Personnel with nuclear weapon safety responsibilities should complete the applicable curriculum.

a. Curriculum 1. That curriculum is for senior officials responsible for nuclear weapon system safety policy-related decisions. Those officials typically will include senior DoD Nuclear Weapon System Safety Program participants as well as the DoD Component representatives to NWC safety activities. The Safety and Security (S²) Executive Course, available at the Defense Nuclear Weapons School (DNWS), satisfies that requirement.

b. Curriculum 2. That curriculum is for action officers responsible for nuclear weapon policy formulation and implementation. Those officers typically will include action level Nuclear Weapon System Safety Program participants as well as the DoD Component representatives or observers to NWC action-level activities.

c. Curriculum 3. That curriculum is for DoD NWSSG members. Members are encouraged to complete that curriculum before they participate in safety studies and reviews if they have not had previous NWSSG experience. NWSSG advisors are encouraged to complete the curriculum. That curriculum is also available for nuclear weapon system lead project officers and POG Chairs to ease coordination between the joint DoD/DoE nuclear weapon life-cycle process and the DoD Nuclear Weapon System Safety Program.

3. Program of Instruction. The Safety Training Program shall include, as a minimum, elements of instruction on the following topics:

a. The DoD Nuclear Weapon System Safety Program.

(1) A detailed review of the safety studies and review process, including guidance from higher authority.

(2) A discussion of the technical implementation of safety philosophy and positive

measures, both for active weapons and for weapons in inactive storage awaiting dismantlement.

(3) Safety policies, standards, positive measures, rules, procedures, and documentation related to the DoD Nuclear Weapon System Safety Program.

- b. Historical overview of nuclear weapon system safety.
- c. Sources of authority.
- d. Safety roles and responsibilities of DoD and joint DoD and/or DoE organizations.
- e. Safety aspects of joint life-cycle activities.
- f. Safety design principles, technology, and environments.
- g. Safety aspects of security and use control.
- h. Safety assessments.
- i. Hazards.

C. PROGRAM PLAN

A program plan will be developed and maintained by the Defense Nuclear Agency. Specific course information may be obtained from the Registrar, Defense Nuclear Weapons School, 1900 Wyoming Blvd SE, Kirtland AFB, NM 87117-5669.