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OPR: HQ USAFE/SEW (Capt Tillman)  
Supersedes AFI 91-101, USAFE Supplement 1,  
17 April 1995

Certified by: HQ USAFE/SE (Col Holder)  
Pages: 5  
Distribution: F

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**Supplement AFI 91-101, 1 March 1997, as follows:**

This supplement applies to all US Air Forces in Europe (USAFE) units. It outlines USAFE-specific responsibilities for the Air Force Nuclear Weapons Surety Program and defines implementing requirements. It does not apply to US Air Force Reserve or National Guard units.

**SUMMARY OF REVISIONS**

Added further clarification to the ability to collocate conventional and nuclear weapons. Corrected organization references to Air Force Safety. Provided further unit guidance on training issues and inspections. This is an overall revision and should be reviewed in its entirety.

3.3.1. (Added) Prior to collocating, units must coordinate a collocation plan through the wing weapons safety office and numbered air force (NAF) safety office for approval by the Weapons Safety Division (HQ USAFE/SEW). For further collocation guidance, see AFI 91-112, *Safety Rules For US Strike Aircraft*, and AFI 91-113, *Safety Rules For Non-US NATO Strike Aircraft*.

3.3.2. (Added) Air-to-air missiles loaded on the aircraft as part of its authorized strike configuration are not considered collocated. The aircraft will be fully mission capable (all required fuel and conventional munitions will be loaded) prior to the introduction of nuclear weapons into the HAS.

8.1.1. (Added) Identify newly-assigned weapons safety managers (WSM) to HQ USAFE/SEW, so they can be scheduled for course L3AZR2W071 (Weapons Safety), as appropriate.

9.1.2.1. (Added) The wing weapons safety staff will approve base instructions, operating instructions, plans (except site plans and collocation plans), and checklists that pertain to nuclear prior to publication. At munitions support squadrons (MUNSS), coordinate these with the additional duty weapons safety managers (ADWSM) and have them approved by the MUNSS commander.

10.4. (Added) Emphasize mishap prevention.

10.5. (Added) Emphasize importance of identifying, investigating and correcting problems affecting nuclear surety (to include MUNSS). MUNSS will complete all requirements as other subordinate units unless otherwise specified.

13.1.1. (Added) Units may conduct the inspection during a single effort or may spread the inspection over the course of the year. Inspect the following areas, as determined by the WSM, on an annual basis:

13.1.1.1. Command Post operations.

13.1.1.2. Nuclear surety program management. Ensure that the unit's electromagnetic radiation (EMR) survey, collocation plan, and nuclear surety training lesson plan are evaluated with this area.

13.1.1.3. Nuclear weapons storage.

13.1.1.4. Nuclear weapons logistics movements.

13.1.1.5. Nuclear weapons technical operations.

13.1.1.6. Nuclear weapons loading.

13.1.1.7. Explosive ordnance disposal.

13.1.1.8. Fire department.

13.11. Approval authority for nuclear surety training lesson plans is delegated to wing weapons safety managers.

13.13. Include site plans for MUNSS.

13.14. For both MOB and MUNSS units, obtain HQ USAFE/SEW approval on collocation plans prior to implementation. Ensure the appropriate approval authority has approved explosives site plans prior to implementation according to AFMAN 91-201, *Explosives Safety Standards*.

13.15. (Added) Ensure training of senior staff on nuclear surety according to paragraph 17.

13.16. (Added) Ensure training of senior officers designated to perform on-scene coordinator (OSC) duties for special assignment airlift missions (SAAM) and logistic movements.

15.2.3. (Added) The Engineering Liaison Office (OL-EL/ELO) is the USAFE office of primary responsibility (OPR) for the following:

15.2.3.1. Release authority for individual non-US North Atlantic Treaty Organization (NATO) combat delivery aircraft which have been restricted from nuclear operations due to inadequacies of special weapon systems. An OL-EL/ELO-released message will inform HQ USAFE/SEW and the Munitions Division (HQ USAFE/LGW), and wing or unit weapons safety offices, as applicable.

15.2.3.2. Verification that allied personnel accomplish nuclear safety-related time compliance technical orders (TCTO) applicable to their non-US NATO support equipment for which OL-EL/ELO is designated as the item manager according to Technical Order (TO) 00-110N-16, *Equipment Authorized for Use With Nuclear Weapons*.

15.2.3.3. All non-US NATO nuclear loading and delivery vehicle verifications of host nations.

15.2.3.4. Submission of non-US NATO aircraft failure reports to Headquarters Air Force Safety Center, Weapons, Space, and Nuclear Safety Division, Operation and Programs Branch (HQ AFSC/SEWO).

15.2.3.5. Coordination of design of new non-US NATO nuclear weapon systems and modifications to existing systems in order to meet Air Force nuclear safety design criteria when allied nations in Europe have engineering responsibility. Send changes in certification status to HQ AFSC/SEWN, 9700 Avenue G., SE, Kirtland AFB NM 87117-5670; USCINCEUR/ECJ5-N, Unit 30400 Box 1151, APO AE 09128; HQ USAFE/SEW, Unit 3050 Box 165, APO AE 09094-0165, and other applicable agencies.

15.2.3.6. Certifying non-US NATO equipment procured through non-US sources.

15.2.3.7. Providing fire fighting guidance (OL-EL/ELO-1) to host units with US nuclear weapons.

15.2.3.8. Publishing and updating load-monitor asterisked steps for non-US NATO loading technical orders.

15.5. (Added) MUNSS Support. Each wing supporting a MUNSS will conduct an annual inspection (as outlined in paragraph 13) for each MUNSS under its functional control. The support base weapons safety staff will serve as an advisor to the MUNSS on nuclear surety matters

15.5.1. MUNSS additional duty weapons safety managers (ADWSM). The ADWSM is responsible for:

15.5.1.1. Spot inspections affecting all areas of nuclear surety.

15.5.1.2. Follow-up on the adequacy and completeness of corrective actions for nuclear surety problems identified during spot inspections, surety inspections (SI) and staff assistance visits (SAV).

15.5.1.3. EMR surveys as outlined in AFMAN 91-201.

15.5.1.4. Coordinating on nuclear surety training lesson plans, base instructions, operating instructions, plans (except site plans and collocation plans), and checklists that pertain to nuclear surety.

15.5.1.5. Conducting or assisting in nuclear safety reporting as prescribed in AFI 91-204, *Safety Investigations and Reports*, Chapter 12.

15.5.1.6. Assisting host wing during development of site plans according to AFMAN 91-201, *Explosives Safety Standards*, Chapter 4.

15.5.1.7. Keeping the MUNSS commander and staff informed on issues and changes in the nuclear surety program.

15.5.1.8. Participating in the preparation of SAAM mission support plans.

17.1. The unit weapons safety staff will approve nuclear surety training lesson plans. Once approved, the unit weapons safety staff will review these training plans annually. Additionally, the unit weapons safety staff will observe classroom training annually.

17.2. Additional items will be determined by the assigned WSM or ADWSM.

17.3. (Added) In addition to the training topics required by the basic instruction, teach the following topics, if applicable:

17.3.1. Intrinsic radiation (INRAD) program and the as low as reasonably achievable (ALARA) concept.

17.3.2. Nuclear mishap definitions.

17.3.3. Lessons learned from mishap cross-feed.

17.4. (Added) All personnel must receive nuclear surety training prior to being certified under PRP. Personnel who permanent change of station (PCS) from one nuclear-capable unit to another must receive

nuclear surety training at their new unit before performing duties requiring PRP certification. Maintain documentation of initial nuclear surety training for the duration of PRP certification.

17.5. (Added) An individual is overdue training at the end of the anniversary month of training. When a person goes overdue training, that person is denied access until training is completed.

17.6. (Added) Unit command post (to include USAFE Command Center) emergency action and communications/communication security (COMSEC) personnel do not require separate nuclear surety training since normal testing and certification requirements fulfill the intent of this instruction. Weapon safety managers will conduct an annual review of unit training plans to ensure applicable topics are included in their annual surety training.

18.6. (Added) The following agencies will attend the Nuclear Surety Council (NSC), if applicable:

18.6.1. Safety.

18.6.2. Personnel.

18.6.3. Medical Services.

18.6.4. Security Forces.

18.6.5. Tenant units with nuclear responsibilities.

18.6.6. Operations.

18.6.7. Maintenance.

18.6.8. Civil engineering including explosive ordnance disposal (EOD).

18.6.9. Office of Special Investigations.

18.7. (Added) At MUNSS units, the NSC will be chaired by the MUNSS commander.

18.8. (Added) The commander may combine the NSC minutes with minutes from other safety councils.

18.9. (Added) Address the following topics at the NSC:

18.9.1. Unit nuclear mishap reports (Dull Swords) since the previous meeting.

18.9.2. All mishap reports from units with a similar mission.

18.9.3. Open action items.

18.9.4. New or revised directives that apply to nuclear surety.

18.9.5. Deficiency and hazard reports with nuclear surety implications.

18.9.6. Results of SIs and SAVs.

18.10. (Added) Minutes for the NSC will:

18.10.1. List all attendees and absentees.

18.10.2. Identify the action taken, OPR, and estimated completion date (ECD) on all action items. Agencies with action items will report the status to the weapons safety office at a frequency determined by the commander.

18.10.3. The weapons safety office will maintain the NSC minutes for at least 1 year.

19. All nuclear surety award nominations and nominations for USAFE Weapons Safety Manager of the Year, Weapons Safety Technician of the Year, Weapons Safety Manager of the Year (MUNSS), and Weapons Safety Technician of the Year (MUNSS) must be received by Safety Publications/Awards (HQ USAFE/SER), Unit 3050 Box 165, APO AE 09094-0165, by 15 October to be considered. Submit nominations according to AFI 36-2833, *Safety Awards*.

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Director of Safety