

**SUBJECT: ADMINISTRATIVE CHANGE TO DOE O 452.6A, *NUCLEAR WEAPON SURETY INTERFACE WITH THE DEPARTMENT OF DEFENSE***

1. EXPLANATION OF CHANGES. These changes were made to correct office nomenclatures, and to update office responsibilities, references, and contact information.
2. LOCATIONS OF CHANGES:

Page	Paragraph	Changed	To
1	3.a. First Paragraph	DOE/NNSA Elements. Except for exclusions in paragraph 3.c., this Order applies to all DOE/NNSA elements involved in the Nuclear Explosive and Weapon Surety (NEWS) Program, including those created after the Order is issued. Go to <a href="http://www.directives.doe.gov/pd/fs/reftools/org-list.pdf">http://www.directives.doe.gov/pd/fs/reftools/org-list.pdf</a> for the most current listing of Departmental elements.	DOE/NNSA Elements. Except for exclusions in paragraph 3.c., this Order applies to all DOE/NNSA elements involved in the Nuclear Explosive and Weapon Surety (NEWS) Program, including those created after the Order is issued. Go to <a href="http://www.directives.doe.gov/">http://www.directives.doe.gov/</a> for the most current listing of Departmental elements.
3	4.b.(1)(a)	In accordance with DoD Directive 3150.2, <i>DoD Nuclear Weapon System Safety Program</i> , and DoD 3150.2-M, <i>DoD Nuclear Weapon System Safety Program Manual</i> , the Secretary of each military department ensures the safety and security of all nuclear weapons and nuclear weapon systems for which the military department has a DoD life-cycle management responsibility.	In accordance with DoD Directive 3150.02, <i>DoD Nuclear Weapon Surety Program</i> , and DoD Manual 3150.02, <i>DoD Nuclear Weapon System Safety Program Manual</i> , the Secretary of each military department ensures the safety and security of all nuclear weapons and nuclear weapon systems for which the military department has a DoD life-cycle management responsibility.
4	4.b.(2)(b)	The NNSA Nuclear Weapon Surety and Quality Division must select an NNSA member whose primary responsibility must be participation in NWSSG activities.	The NNSA Nuclear Explosive Safety Division must select an NNSA member whose primary responsibility must be participation in NWSSG activities.
5	4.c.(1)(a)	The procedures for DoD preparation, coordination, approval (both interim and final),	The procedures for DoD preparation, coordination, approval (both interim and final),

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		and implementation of DoD nuclear weapon system safety rules and coordination with the DOE are detailed in DoD Directive 3150.2 and DoD Manual 3150.2-M.	and implementation of DoD nuclear weapon system safety rules and coordination with the DOE are detailed in DoD Directive 3150.02 and DoD Manual 3150.02.
5	4.c.(2)(b) – 4.c.(2)(b) <u>1</u>	The Assistant Deputy Administrator for Science, Engineering and Production Programs must—  <u>1</u> task, through the Nuclear Weapon Surety and Quality Division, the appropriate weapon design laboratories to assist in the conduct of reviews and analyses and in the development of NNSA comments and recommendations.	The Assistant Deputy Administrator for Stockpile Management must—  <u>1</u> task, through the Nuclear Explosive Safety Division, the appropriate weapon design laboratories to assist in the conduct of reviews and analyses and in the development of NNSA comments and recommendations.
6	4.c.(2)(c)	The Nuclear Weapon Surety and Quality Division must—	The Nuclear Explosive Safety Division must—
6	4.c.(2)(c) <u>2</u>	provide comments and recommendations to the Assistant Deputy Administrator for Science, Engineering and Production Programs within 14 days of receipt.	provide comments and recommendations to the Assistant Deputy Administrator for Stockpile Management within 14 days of receipt.
7	4.c.(3)(c)	The Assistant Deputy Administrator for Science, Engineering and Production Programs determines whether a proposed change is not substantive and should be processed administratively or whether formal processing is required.	The Assistant Deputy Administrator Stockpile Management determines whether a proposed change is not substantive and should be processed administratively or whether formal processing is required.
7	4.c.(2)(d)	The Nuclear Weapon Surety and Quality Division in coordination with the appropriate laboratories will provide input on the NNSA position regarding a proposed administrative change.	The Nuclear Explosive Safety Division in coordination with the appropriate laboratories will provide input on the NNSA position regarding a proposed administrative change.
7	4.c.(2)(e)	For an administrative change, the Assistant Deputy Administrator for Science, Engineering and Production Programs must	For an administrative change, the Assistant Deputy Administrator for Stockpile Management must

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		provide NNSA concurrence to the ATSD(NCB).	provide NNSA concurrence to the ATSD(NCB).
7	4.d.(2)(a) – 4.d.(2)(b)	(a) The need for NNSA field review must be clearly identified and forwarded through management channels to the Assistant Deputy Administrator for Science, Engineering and Production Programs for action.  (b) Based on review of a proposal, the Assistant Deputy Administrator for Science, Engineering and Production Programs must contact the DoD ATSD(NCB) to resolve any issues that have been identified or to coordinate the conduct of a field review.	(a) The need for NNSA field review must be clearly identified and forwarded through management channels to the Assistant Deputy Administrator for Stockpile Management for action.  (b) Based on review of a proposal, the Assistant Deputy Administrator for Stockpile Management must contact the DoD ATSD(NCB) to resolve any issues that have been identified or to coordinate the conduct of a field review.
9	4.d.(5)	<u>Field Review Report Disposition.</u> The final report must be submitted through the Assistant Deputy Administrator for Science, Engineering and Production Programs and the Deputy Administrator for Defense Programs to the NNSA Administrator with copies to all members.	<u>Field Review Report Disposition.</u> The final report must be submitted through the Assistant Deputy Administrator for Stockpile Management and the Deputy Administrator for Defense Programs to the NNSA Administrator with copies to all members.
9	5.b.	<u>Assistant Deputy Administrator for Science, Engineering and Production Programs.</u>	<u>Assistant Deputy Administrator for Stockpile Management.</u>
10	5.b.(5)(b)	Notifies the NNSA Nuclear Weapon Surety and Quality Division of the review requirements.	Notifies the NNSA Nuclear Explosive Safety Division or NNSA Weapon Security and Control Division, as necessary, of the review requirements.
10	5.c.	<u>Director, Office of Military Application and Stockpile Operations.</u>	<u>Director, Office of Stockpile Production Integration.</u>
10	5.d.	<u>Director, Nuclear Weapon Surety and Quality Division.</u>	Deleted.
10	5.d.(1) – 5.d.(3)	Renumbered.	5.c.(3) – 5.d.(5)

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10	5.d.(5)(a)	under direction from the Assistant Deputy Administrator for Science, Engineering and Production Programs, assigns members to the field review team; and	under direction from the Assistant Deputy Administrator for Stockpile Management, assigns members to the field review team; and
10	5.e.	Renumbered.	5.d.
10	5.d.	Chief, Nuclear Explosive Safety Branch.	<u>Director</u> , Nuclear Explosive Safety Division.
11	6.c.	<u>Nuclear Weapon System Safety Group (NWSSG)</u> . A formal military review group with NNSA membership that ensures compliance of a nuclear weapon system with the four DoD Nuclear Weapon System Safety Standards as defined in DoD Directive 3150.2, DoD Nuclear <i>Weapon System Safety</i> Program.	<u>Nuclear Weapon System Safety Group (NWSSG)</u> . A formal military review group with NNSA membership that ensures compliance of a nuclear weapon system with the four DoD Nuclear Weapon System Safety Standards as defined in DoD Directive 3150.02, DoD Nuclear <i>Weapon Surety</i> Program.
11	7.a.	National Security Presidential Directive-28, Nuclear Weapons Command and Control (U), dated 6-24-03 (Secret), which provides the basis for the attainment and maintenance of a nuclear command and control system under the authority and direction of the President.	Presidential Policy Directive-35 (PPD-35), United States Nuclear Weapons Command and Control, Safety and Security, dated 12-08-15 (Secret), which provides the basis for the attainment and maintenance of a nuclear command and control system under the authority and direction of the President.
12	7.d.	DOE O 452.1D, <i>Nuclear Explosive and Weapon Surety Program</i> , dated 4-14-09, which establishes NNSA objectives, standards, criteria, authorities, and responsibilities for the Nuclear Explosive and Weapon Surety Program.	DOE O 452.1, <i>Nuclear Explosive and Weapon Surety Program</i> , current version, which establishes NNSA objectives, standards, criteria, authorities, and responsibilities for the Nuclear Explosive and Weapon Surety Program.
12	7.e.	DoD Directive 3150.2, DoD Nuclear <i>Weapon System Safety</i> Program, dated 12-23-96, which describes the DoD Nuclear Weapon System Safety Program and specifies requirements and responsibilities for DoD personnel.	DoD Directive 3150.02, DoD Nuclear <i>Weapon Surety</i> Program, dated 4-24-13 (incorporating Change 4 dated 8-31-18), which describes the DoD Nuclear <i>Weapon Surety</i> Program and specifies requirements and responsibilities for DoD personnel.

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12	7.f.	DoD 3150.2-M, DoD Nuclear Weapon System Safety Program Manual, dated 12-23-96, which prescribes procedures for implementation of the DoD Nuclear Weapon System Safety Program.	DoD Manual 3150.02, DoD Nuclear Weapon System Safety Program Manual, dated 1-31-14 (incorporating Change 3 dated 8-31-18), which prescribes procedures for implementation of the DoD Nuclear Weapon System Safety Program.
12	8.	<u>CONTACT</u> . Questions concerning this Order should be addressed to the Nuclear Weapon Surety and Quality Division at 202-586-5624.	<u>CONTACT</u> . Questions concerning this Order should be addressed to the Nuclear Explosive Safety Division at 505-845-6954.