



**The Secretary of Energy**  
Washington, D.C. 20585

June 22, 2007

MEMORANDUM FOR DENNIS R. SPURGEON  
ACTING UNDER SECRETARY OF ENERGY

WILLIAM OSTENDORFF  
ACTING UNDER SECRETARY FOR NUCLEAR SECURITY

RAYMOND L. ORBACH  
UNDER SECRETARY FOR SCIENCE

GLENN S. PONDONSKY  
CHIEF, HEALTH, SAFETY AND SECURITY OFFICER

FROM:

SAMUEL W. BODMAN

A handwritten signature in black ink that reads "Sam Bodman".

SUBJECT:

Revised Safety Functions, Responsibilities, and Authorities

On April 26, 2005, in response to Defense Nuclear Facilities Safety Board (Board) Recommendation 2004-1, I directed revision of the Department's Manual 411.1-1C, *Safety Management Functions, Responsibilities and Authorities Manual*, to better focus departmental awareness and management of issues related to nuclear safety. With the appointment of an Under Secretary for Science, I am establishing the Under Secretary for Science as a third Central Technical Authority, specifically for the Office of Science.

These changes do not diminish or otherwise affect the existing responsibility of line management for safety or the responsibility of the Office of Health, Safety and Security for performing independent oversight or its other assigned functions, responsibilities and authorities.

Therefore, pursuant to the Department's Manual 411.1-1C, *Safety Management Functions, Responsibilities and Authorities Manual*, Section 3, I direct the Office of Health, Safety and Security to revise the Manual to reflect these changes, including the revisions described in the attachment. The Office of Health, Safety and Security also should initiate any other conforming actions necessitated by these organizational changes.

Attachment



## Revised Functions, Responsibilities, and Authorities

Reference: Attachment to memo from Samuel W. Bodman, *Revised Safety Functions, Responsibilities, and Authorities*, dated April 26, 2005

Section 4.3 of the Manual, *Under Secretaries*, was revised with the addition of a new paragraph after the existing second paragraph in reference listed above. This document replaces the text in the reference to reflect revised responsibilities.

The Under Secretary of Energy (US) serves as the Central Technical Authority (CTA) for those offices that are not part of the National Nuclear Security Administration (NNSA) or the Office of Science (SC). As CTA, the US:

- (1) Concurs with the determination of the applicability of DOE Directives involving nuclear safety included in US contracts pursuant to DEAR 970.5204-2(b);
- (2) Concurs with nuclear safety requirements included in US contracts pursuant to DEAR 970.5204-2(c);
- (3) Concurs with all exemptions to nuclear safety requirements in US contracts that were added to the contract pursuant to DEAR 970.5204-2;
- (4) Recommends to the Office of Health, Safety and Security issues and proposed resolutions concerning DOE safety requirements, concurs in the adoption or revision of nuclear safety requirements (including supplemental requirements), and provides expectations and guidance for implementing nuclear safety requirements as necessary for use by DOE US employees and contractors;
- (5) Maintains operational awareness of the implementation of nuclear safety requirements and guidance, consistent with the principles of Integrated Safety Management across the DOE US complex (including, for example, reviewing Documented Safety Analyses, Authorization Agreements and readiness reviews as necessary to evaluate the adequacy of safety controls and implementation);
- (6) Periodically reviews and assesses whether DOE US is maintaining adequate numbers of technically competent personnel necessary to fulfill nuclear safety requirements; and
- (7) Provides inputs to, reviews, and concurs with DOE-wide nuclear safety related research and development activities.

The Chief of Nuclear Safety (and staff) will support the Under Secretary of Energy in carrying out the functions of the CTA, including maintaining awareness of complex, high-hazard nuclear operations conducted in the US complex, through such activities as monitoring of applicable reports and performance metrics; reviewing various site-specific and complex-wide documents; technical discussions; and onsite visits.

The Under Secretary for Science serves as the Central Technical Authority (CTA) for the Office of Science (SC). As CTA, the Under Secretary for Science:

- (1) Concurs with the determination of the applicability of DOE Directives involving nuclear safety included in SC contracts pursuant to DEAR 970.5204-2(b);
- (2) Concurs with nuclear safety requirements included in SC contracts pursuant to DEAR 970.5204-2(c);
- (3) Concurs with all exemptions to nuclear safety requirements in SC contracts that were added to the contract pursuant to DEAR 970.5204-2;
- (4) Recommends to the Office of Health, Safety and Security issues and proposed resolutions concerning DOE safety requirements, concurs in the adoption or revision of nuclear safety requirements (including supplemental requirements), and provides expectations and guidance for implementing nuclear safety requirements as necessary for use by SC employees and contractors;
- (5) Maintains operational awareness of the implementation of nuclear safety requirements and guidance, consistent with the principles of Integrated Safety Management across the SC complex (including, for example, reviewing Documented Safety Analyses, Authorization Agreements, and readiness reviews as necessary to evaluate the adequacy of safety controls and implementation);
- (6) Periodically reviews and assesses whether SC is maintaining adequate numbers of technically competent personnel necessary to fulfill nuclear safety requirements; and
- (7) Provides inputs to, reviews, and concurs, with DOE-wide nuclear safety related research and development activities.

The Chief of Nuclear Safety (and Staff) will support the Under Secretary of Science in carrying out the functions of the CTA, including maintaining awareness of complex, high-hazard nuclear operations conducted in the SC complex, through such activities as: monitoring of applicable reports and

performance metrics; reviewing various site-specific and complex-wide documents; technical discussions; and onsite visits.

Section 4.3 of the Manual, *Under Secretaries*, is further revised by the replacement of the new paragraph after the existing sixth paragraph to read as follows:

The Principal Deputy Administrator of the National Nuclear Security Administration (NNSA) serves as the Central Technical Authority (CTA) for NNSA. As CTA, the Principal Deputy Administrator:

- (1) Concurs with the determination of the applicability of DOE Directives involving nuclear safety included in NNSA contracts pursuant to DEAR 970.5204-2(b);
- (2) Concurs with nuclear safety requirements included in NNSA contracts pursuant to DEAR 970.5204-2(c);
- (3) Concurs with all exemptions to nuclear safety requirements in NNSA contracts that were added to the contract pursuant to DEAR 970.5204-2;
- (4) Recommends to the Office of Health, Safety and Security issues and proposed resolutions concerning DOE safety requirements, concurs in the adoption or revision of nuclear safety requirements (including supplemental requirements), and provides expectations and guidance for implementing nuclear safety requirements as necessary for use by NNSA employees and contractors;
- (5) Maintains operational awareness of the implementation of nuclear safety requirements and guidance, consistent with the principles of Integrated Safety Management across the NNSA complex (including, for example, reviewing Documented Safety Analyses, Authorization Agreements, and readiness reviews as necessary to evaluate the adequacy of safety controls and implementation);
- (6) Periodically reviews and assesses whether NNSA is maintaining adequate numbers of technically competent personnel necessary to fulfill nuclear safety requirements;
- (7) Provides inputs to, reviews and concurs, with DOE-wide nuclear safety related research and development activities; and
- (8) Directs the identification and prioritization of nuclear-safety related research and development activities as necessary for NNSA weapons activities.

The Chief of Defense Nuclear Safety (and staff) will support the Principal Deputy Administrator in carrying out the functions of the CTA, including maintaining awareness of complex, high-hazard nuclear operations conducted in the NNSA nuclear complex, through such activities as: monitoring of applicable reports and performance metrics; reviewing various site-specific and complex-wide documents; technical discussions; and onsite visits.

The title and first paragraph of section 6.1 of the Manual, *Office of Environment, Safety and Health* is revised to read as follows:

*Office of Health, Safety and Security*

The Office of Health, Safety and Security is the Department's corporate environment, safety and health (ES&H) office (except for aviation safety) and is responsible for making ES&H policy for Department operations, developing nuclear safety requirements, and providing guidance and technical interpretations for use throughout the DOE complex. As the Department's corporate safety officer, the Chief Health, Safety and Security officer represents the Department in ES&H matters and assists line management in implementing safety management functions and in maintaining safe and healthy workplaces throughout the DOE complex. The Chief Health, Safety and Security Officer reports to the Deputy Secretary.