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Department of Energy  
National Nuclear Security Administration  
Washington, DC 20585

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RECD MA-90 - 9/9/09  
OUT FOR REVIEW - 9/11/09  
DRB DISCUSSION - 9/24/09



September 1, 2009

MEMORANDUM FOR MICHAEL C. KANE  
ASSOCIATE ADMINISTRATOR  
FOR MANAGEMENT AND ADMINISTRATION

THROUGH: INGRID A.C. KOLB  
DIRECTOR  
OFFICE OF MANAGEMENT

FROM: GARRETT HARENCAK, BRIG GEN, USAF  
PRINCIPAL ASSISTANT DEPUTY ADMINISTRATOR  
FOR MILITARY APPLICATION  
OFFICE OF DEFENSE PROGRAMS

*Garrett Harencah*

SUBJECT: Notice of Intent to Revise Department of Energy (DOE) Order  
5610.2, Control of Weapon Data

PURPOSE: Update the policy, process, and procedures for control of sensitive nuclear weapon data (NWD) to ensure dissemination of the information is restricted to individuals with a valid need-to-know and limited to the information that is required to effectively accomplish their official DOE/National Nuclear Security Administration (NNSA) duties with the following specific goals:

1. Streamline the provisions of this Order as they apply to all elements of the DOE/NNSA and subcontractors performing Departmental work and have NWD under their custody or control.
2. Reduce the categories of NWD and other specialized or technical data from the current amount of 16 categories to 5 categories while remaining in full compliance with the provisions of the Atomic Energy Act of 1954. The 60% reduction of NWD categories will significantly decrease the NWD workload management and related NWD personnel security processing and procedures at all Nuclear Security Enterprise locations, but especially at the laboratories and production facilities.

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3. Clarify the control and dissemination of Restricted Data and Formerly Restricted Data to assure common defense and security.

4. Provide a concise procedure for protecting critical nuclear weapon design information (CNWDI), use control assessments, vulnerabilities and design (Sigma 14 and 15); and sensitive improvised nuclear device information (Sigma 20).

5. Reduce the inconsistencies between NNSA/DOE and the Department of Defense (DoD) by more closely aligning the NWD categories of the two Departments.

6. Ensure success and avoid the impasses of previous revision efforts by convening a Working Group to draft the revision. To address all Nuclear Security Enterprise issues and concerns, the Working Group will consist of representatives from NNSA HQ, DOE HQ, the laboratories and production facilities.

**JUSTIFICATION:**

It is time to revise this Order to reflect post-Cold War security policies and procedures while ensuring it is compliant with recent National Security Directives.

The revised Order will update the policies, process, and procedures for handling weapon data by condensing the categories and providing up-to-date direction for controlling NWD documents, materials, and hardware.

The Revised Order will assure that each DOE organization that has custody of weapon data limits dissemination to individuals with appropriate security clearances and the absolute need for this information in the performance of their official duties, and to establish procedures to achieve this end.

**IMPACT:**

The proposed revision will provide a 60% reduction in the categories of NWD that will translate into workload reductions at all sites of the Nuclear Security Enterprise. This reduction will allow the redirection of resources to the research, development, modernization and management of the Nuclear Weapons Stockpile.

**CONTACT:**

Jerry Kreft, NA-122.12, at 202-586-9970, or Doug Strack, NA-122.12, at 202-586-8938.

**RECOMMENDATION:** That you approve the subject directive for revision.

OFFICE OF MANAGEMENT'S RECOMMENDATION:

Recommend Approval: Margrid Kallio

Recommend Disapproval: \_\_\_\_\_

Date: 9-25-09

NNSA'S DECISION:

APPROVED: \_\_\_\_\_

Disapproved: \_\_\_\_\_

Date: \_\_\_\_\_

NOTE:

APPROVED 9/29/09

### Timeframe

Days

First Draft

## Review and Comment

## Responses and Second Draft

## Concurrence

30 DAYS per CB 9/30/10

1.  
I'm signed  
Prior to  
new  
standard  
development  
Schedule