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DOE/SO-10.2-0019 (Deleted Version)

**Nineteenth Report on Inadvertent Releases of Restricted Data  
and Formerly Restricted Data under Executive Order 12958 (U)**

Report to:

The Committee on Armed Services of the Senate  
The Committee on Armed Services of the House of Representatives  
The Assistant to the President for National Security Affairs

Deleted Version

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1st REVIEW - DATE: <u>12-22-05</u>	DETERMINATION (CIRCLE NUMBER(S))
AUTHORITY: <input type="checkbox"/> AOC <input checked="" type="checkbox"/> ADG <input type="checkbox"/> ADD	1 CLASSIFICATION RETAINED
NAME: <u>Michael Bin...</u>	2 CLASSIFICATION CHANGED TO: _____
2ND REVIEW - DATE: <u>12-22-05</u>	3 CONTAINS NO DOE CLASSIFIED INFO
AUTHORITY: ADD	4 COORDINATE WITH: _____
NAME: <u>Roy W. Lee</u>	5 <input checked="" type="radio"/> CLASSIFICATION CANCELED
	6 CLASSIFIED INFO BRACKETED
	7 OTHER (SPECIFY): <u>DOES NOT CONTAIN UCN.I</u>



**U.S. Department of Energy  
Office of Classification and  
Information Control  
Office of Security  
Germantown, Maryland 20874**

November 2005

Classified By: Greg Gannon  
Office of Classification  
Derived From: CG-SS-4, 9/12/00  
Declassify on: Declassify when the  
information compromised is declassified

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# UNCLASSIFIED

The National Defense Authorization Act for Fiscal Year 1999 (Public Law (P.L.) 105-261) requires that the Secretary of Energy notify the Committee on Armed Services of the Senate, the Committee on Armed Services of the House of Representatives, and the Assistant to the President for National Security Affairs of inadvertent releases of Restricted Data (RD) and Formerly Restricted Data (FRD) associated with records declassified under section 3.4 of Executive Order 12958.

As a result of the Department of Energy (DOE) examination of 150,960 additional pages of publicly available records accessioned by the National Archives and Records Administration (NARA), the Department discovered an additional 59 documents containing 115 pages of RD and FRD which were inadvertently released:

Additional Pages Examined Since Last Report	Number of Documents with RD/FRD	Number of Pages in the Documents	Number of Pages RD	Number of Pages FRD
150,960	59	2,537	16	99

The identified documents are in collections belonging to the Departments of the Army, the Navy and State. The 59 documents were inadvertently declassified and made available to the public in 1996-1998 by NARA and the Departments of the Navy and State.

No classified documents of the DOE or its predecessor organizations were inadvertently released.

The documents inadvertently released contained the following types of RD and FRD information:

RD	FRD
<ul style="list-style-type: none"><li>- Naval nuclear propulsion information</li><li>- Mass or dimensions of fissile materials</li><li>- Efficiency of nuclear materials</li><li>- Thermonuclear weapon design or function</li><li>- Tamper design and performance</li></ul>	<ul style="list-style-type: none"><li>- Stockpile quantities</li><li>- Storage locations</li><li>- Nuclear weapon yield</li><li>- Weapon height/depth of burst</li><li>- Weapon delivery system accuracy</li></ul>

56 of the 59 documents were improperly marked for classification level (e.g., Secret), classification category (e.g., RD), and/or automatic classification level downgrading. The improper markings occurred when the documents were originated or at a later time during the lifetime of the documents. The improper marking of the documents for classification level, classification category, and/or downgrading may have contributed to the inadvertent release of documents.

The Departments of the Army, the Navy, State and NARA have been afforded an opportunity to review their specific documents containing the RD and FRD information. The 59 documents have been withdrawn from public access and protected in accordance with DOE requirements.

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The inadvertently released nuclear weapons design information (RD) detailed in this report concerns the early generations of nuclear weapons that this country developed in the 1950s and 1960s. Potential adversaries, emerging proliferant nations and terrorist groups aggressively target U.S. nuclear weapon information. Information regarding older nuclear weapons is of significant value since it is often technically less sophisticated. These designs would be most readily used by a would-be nuclear proliferant to obtain its first nuclear weapon.

The inadvertently released nuclear weapons utilization information (FRD) detailed in this report could assist potential adversaries in assessing the strength of the U.S. nuclear arsenal. Additionally, inadvertently released information on deployments of nuclear weapons outside the United States may violate international agreements and harm diplomatic ties with foreign host nations.

In accordance with P.L. 105-261, as of the cutoff date for the data in this report, DOE has trained 2,389 individuals from other agencies to recognize RD and FRD information. This includes 319 from the Department of State, 65 from the Department of Defense, 179 from the Department of the Air Force, 380 from the Department of the Army, 123 from the Department of the Navy, 193 from NARA and 1130 from sixteen other various federal agencies. Additionally, 293 reviewers have attended refresher courses.

The training of other agency reviewers continues to reduce the rate at which Restricted Data and Formerly Restricted Data are improperly declassified. During this quarter, DOE performed quality control examinations of nine newly declassified collections consisting of 810,425 pages. Of the nine collections, there were no improperly declassified documents.

DOE and NARA are working to better integrate their efforts to more quickly identify and safeguard documents potentially containing RD and FRD. All records that may contain RD and FRD are removed from public access. Details of the specific inadvertent releases are contained in the attached classified appendix.

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## APPENDIX: SUMMARY OF FINDINGS (U) (DELETED VERSION)

RG/EO <sup>1</sup> (Dept) <sup>2</sup>	Year Declassified (Department) <sup>3</sup>	Number of Documents containing RD/FRD <sup>4</sup>	Origination Dates of the Documents <sup>5</sup>	Number of Documents w/ Inappropriate Markings <sup>6</sup>	No. of Pages RD	No. of Pages FRD	RD/FRD Information Inadvertently Made Publicly Available
RG 19 <b>DELETED</b> (Navy)	<b>DELETED</b> (Navy)	2	1963	2 of 2	0	2	<b>FRD :</b> - Stockpile quantities - Storage locations
RG 19 <b>DELETED</b> (Navy)	<b>DELETED</b> (Navy)	12	1956	12 of 12	6	20	<b>RD</b> - Naval nuclear propulsion information <b>FRD :</b> - Storage locations - Storage capacities - Yield - Weapon height/depth of burst
RG 59 <b>DELETED</b> (State)	<b>DELETED</b> (State)	35	1961-66	35 of 35	2	60	<b>RD :</b> - Mass or dimensions of fissile materials, pits, NASs - Efficiency of nuclear materials or yield-to-NAS weight <b>FRD :</b> - Stockpile quantities - Storage locations - Yield
RG 335 <b>DELETED</b> (Army)	<b>DELETED</b>	3	1969-70	3 of 3	1	2	<b>RD :</b> - Thermonuclear weapon design or function <b>FRD :</b> - Storage locations
RG 402 <b>DELETED</b> (Navy)	<b>DELETED</b> (Navy)	3	1956-57	0 of 3	7	1	<b>RD :</b> - Mass or dimensions of fissile materials, pits, NASs - Tamperers – mass, materials, design, performance - Other weapon design information revealing <b>RD</b> <b>FRD :</b> - Storage locations
RG 319 <b>DELETED</b> (Army)	<b>DELETED</b> (NARA)	3	1967-69	3 of 3	0	11	<b>FRD :</b> - Stockpile quantities - Storage locations - Weapon delivery system accuracy - Weapon height/depth of burst

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<b>RG/EO<sup>1</sup> (Dept)<sup>2</sup></b>	<b>Year Declassified (Department)<sup>3</sup></b>	<b>Number of Documents containing RD/FRD<sup>4</sup></b>	<b>Origination Dates of the Documents<sup>5</sup></b>	<b>Number of Documents w/ Inappropriate Markings<sup>6</sup></b>	<b>No. of Pages RD</b>	<b>No. of Pages FRD</b>	<b>RD/FRD Information Inadvertently Made Publicly Available</b>
RG 319 DELETED (Army)	DELETED (NARA)	1	1969	1 of 1	0	3	FRD: - Storage locations

<b>RG/EO<sup>1</sup> (Dept)<sup>2</sup></b>	<b>Number of pages in documents</b>	<b>Number of Documents containing RD/FRD<sup>4</sup></b>	<b>Origination Dates of the Documents<sup>5</sup></b>	<b>Number of Documents w/ Inappropriate Markings<sup>6</sup></b>	<b>No. of Pages RD</b>	<b>No. of Pages PRD</b>	
Totals	2537	59	1956-70	56 of 59	16	99	

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1 (U) RG/EO = Record Group/Executive Order Plan Number of the file series found to contain RD and/or FRD.

2 (U) Dept = Executive Branch Department or Agency that submitted the file series to the National Archives and Records Administration (NARA);  
Army: Department of the Army; Navy: Department of the Navy; State: Department of State.

3 (U) Year Declassified (Department) = Year the file series was declassified and the department/agency that conducted the declassification.

4 (U) Number of Documents containing RD/FRD = Number of documents found to contain RD and/or FRD per current classification guidance in accordance with the Atomic Energy Act of 1954, as amended.

5 (U) Origination Dates of the Documents = Period of time over which the documents were originated.

6 (U) Number of Documents w/ Inappropriate Markings = Number of documents containing RD/FRD found to have inappropriate classification, declassification, and/or downgrading markings. This includes inadequately marked documents that had routing/transmittal/endorsement cover sheets with inappropriate markings.

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