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**Department of Energy**  
Washington, DC 20585

February 13, 2008

RE: FOIA-2007-000920

Mr. John Greenewald, Jr.

Dear Mr. Greenewald:

This is a final response from the Department of Energy (DOE), to your request dated June 25, 1999, filed under the Freedom of Information Act (FOIA) with the Department of the Army for the document, *Weapons Classification Guide*, dated 05 April 1960, DTIC AD Number: C060529. Since this document was created by The Atomic Energy Commission, the Department of the Army forwarded your request to this Agency for review and response to you.

Pursuant to Title 10, Code of Federal Regulations (CFR), section 1004.6 (10 CFR1004.6), the DOE has completed its review of the document responsive to your request. The document is being provided with exempt information redacted. Please find enclosed a copy of the document (60 pages) with all exempt information redacted. The proper FOIA exemption is cited where information has been redacted.

Title 5, United States Code, section 552 (b)(2) (5 U.S.C.(b)(2)) (exemption 2) exempts from disclosure information "related solely to the internal rules and practices of an agency". The "high 2" category of such records relate to substantial matters, the disclosure of which would risk circumvention of a legal requirement. The information withheld by the DOE under this exemption is predominantly internal in nature since it does not purport to regulate activities among members of the public, nor does it set standards to be followed by agency personnel in deciding whether to proceed against or to take action affecting the public.

Title 5, United States Code, section 552(b)(3) (5 U.S.C. 552(b)(3)) (exemption 3), exempts from disclosure information "specifically exempted from disclosure by statute (other than section 552(b) of this title, provided that such a statute (A) requires that the matters be withheld from the public in such a manner as to leave no discretion on the issue, or (B) establishes particular criteria for withholding or refers to particular types of matters to be withheld...". The Atomic Energy Act (AEA) of 1954, as amended, 42U.S.C. 2011 et seq., is an exemption 3 statute. Sections 141-146 of this Act (42 U.S.C. 2161-2166) prohibit the disclosure of information concerning atomic energy defense programs that is classified as Restricted Data (RD) pursuant to the AEA. The portions deleted from the subject document pursuant to exemption 3 contain information about nuclear weapon design that has been classified as RD. Disclosure of this information could jeopardize the common defense and security of the nation.



To the extent permitted by law, the DOE, pursuant to 10 CFR 1004.1, will make available records it is authorized to withhold under the FOIA whenever it determines that such disclosure is in the public interest. With respect to information withheld pursuant to exemption 3, the DOE has no further discretion under the FOIA or DOE regulations to release information currently and properly classified under the AEA. Pursuant to 10 CFR 1004.6(d), I am the official responsible for the denial of the DOE classified information.

Pursuant to 10 CFR 1004.8, the denial of a FOIA request may be appealed, in writing within 30 days after receipt of a letter denying any portion of a request, to the Director, Office of Hearings and Appeals, Department of Energy, 1000 Independence Avenue, S.W. Washington, D.C. 20585. The written appeal, including envelope, must clearly indicate that a Freedom of Information appeal is being made. The appeal must contain all other elements required by 10 CFR 1004.8. Judicial review will be available to you in the District of Columbia or in the district where: (1) you reside, (2) you have your principal place of business, or (3) the Department's records are situated.

The above referenced number has been assigned to the request and you should refer to it in any correspondence with the DOE about this matter.

Should you have any questions concerning this request please contact Mr. Fletcher Whitworth of my staff at (301) 903-3865.

Sincerely,



Andrew P. Weston-Dawkes

Director

Office of Classification

Office of Health, Safety and Security

Enclosures

cc:

J. Ogbazghi, ME-74 (without enclosures)

R. Johnston, HS-1.2 (without enclosures)



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REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
OFFICE OF THE DEPUTY CHIEF OF STAFF FOR OPERATIONS AND PLANS  
400 ARMY PENTAGON  
WASHINGTON DC 20310-0400

SAA 200 132970000

DAMO-ZXA-M

24 April 2000

MEMORANDUM FOR DIRECTOR, DOCUMENT DECLASSIFICATION DIVISION,  
DEPARTMENT OF ENERGY, GERMANTOWN, MD 20874-1290

SUBJECT: Freedom of Information Referral

1. The enclosed FOIA request from Mr. John Greenwald is referred to your office as a matter under your purview.
2. The requested document is an Atomic Energy Commission document. The document provides basic classification policy to government agencies and contractors involved in the design, manufacture or utilization of nuclear weapons. This agency does not have authority to declassify the document. As such, the document is referred to your agency for a declassification review and reply to requester.
3. Point of contact for this referral is Loretta Phillips, (703) 614-2011.

FOR THE DEPUTY CHIEF OF STAFF FOR OPERATIONS AND PLANS:

Encl

  
STEVEN L. SHEA  
LTC, GS  
Administrative Executive

#99-1202

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OC Doc-71

# WEAPONS CLASSIFICATION GUIDE

April 5, 1960

The Pentagon Library (ANR-PL)  
ATTN: Army Studies Section  
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Washington, D.C. 20310-6056

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1. REVIEW DATE: 9-5-80	2. DETERMINATION (CIRCLE NUMBER)
3. AUTHORITY: 1. E.O. 11652 2. E.O. 11652 3. E.O. 11652	4. CLASSIFICATION CHANGED TO
5. HANDLED BY: T.A.C.	6. CONTAINS UNCLASSIFIED INFO
7. 2ND REVIEW DATE: 1-5-81	8. COORDINATE WITH:
9. AUTHORITY: 1. E.O. 11652 2. E.O. 11652	10. CLASSIFICATION CANCELED
11. NAME: [Signature]	12. CLASSIFIED INFO BRACKETED
	13. OTHER (SPECIFY)

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DOO/OFFICE OF DECLASSIFICATION  
H.R. SCHMIDT A.D.D. DATE:  
H.R.S. Schmidt 11/8/07

U. S. ATOMIC ENERGY COMMISSION  
Division of Classification  
Washington 25, D. C.

9/15/00  
10/15/00  
H.R.S. Schmidt

~~ATOMIC WEAPON DATA~~  
~~CATEGORY SIGMA-1~~

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## NOTICE

✓ This Guide supersedes OC Doc-56, "AEC-DOD Classification Guide," dated January 1, 1958. Copies of the superseded guide should be destroyed in accordance with applicable security regulations.

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This document consists of 2 pages

No. 4412 of 8200 copies, Series A

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U. S. ATOMIC ENERGY COMMISSION

MEMORANDUM

September 6, 1960

TO : Recipients of OC Doc-71

FROM : H. F. Carroll, Chief  
Declassification Branch, Oak Ridge, Tennessee

SUBJECT: ERRATA FOR OC DOC-71

The following corrections should be made in OC Doc-71:

- ✓ 1. Topic 10.22 - Superscript "1" should follow the "Defense Information" notation in the classification column, and the remark should read:

DELETED

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Footnote 1 should then be added at the bottom of page 52. It reads as follows:

✓ "1 Transclassified under Section 142.e of the Atomic Energy Act of 1954."

- ✓ 2. Footnote 1 appearing on pages 53 and 54 should be corrected to make reference to Section 142."e" rather than Section 142."d" of the Atomic Energy Act of 1954.

- ✓ 3. The remark for topic 10.4 should be revised to read:

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- ✓ 4. Topic 10.51 should be revised to read:

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- ✓ 5. Topic 10.52 should be revised to read:

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Recipients of OC Doc-71

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September 6, 1960

✓ 6. Topic 10.53 should be revised to read:

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7. The remark for topic 10.56 should be revised to read:

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✓ Please note that the corrections to be made on pages 53 and 54, as stated above, supersede the corrections listed under item 3.e in our memorandum of July 28, 1960.

*H. F. Carroll*  
H. F. Carroll

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Authority: DoD 5000.1-R, Para 4-600b

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~~ATOMIC ENERGY ACT 1954~~

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U. S. ATOMIC ENERGY COMMISSION

MEMORANDUM

TO : Recipients of OC Doc-71

Date July 28, 1960

FROM : H. F. Carroll, Chief  
Declassification Branch, Oak Ridge, Tennessee

SUBJECT: ADDENDUM AND CORRECTIONS TO OC DOC-71,  
"WEAPONS CLASSIFICATION GUIDE"

Additions and corrections to the subject guide as stated below are now in effect.

- ✓ 1. The following new topic to be added on page 28:

<u>Subject</u>	<u>Classification</u>	<u>Remarks</u>
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- ✓ 2. Revisions to topics 1.351 and 1.352 on page 35, as follows:

<u>Subject</u>	<u>Classification</u>	<u>Remarks</u>
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Recipients of OC Doc-71

3. Corrections to typographical errors as indicated below:

- ✓ a. The parenthetical expression in topic 1.246, page 26, should read:

"(but see 1.1225 and 1.247)"

- ✓ b. Topic 1.2225, page 19, should be changed to 1.1225.

- ✓ c. In the "Classification" column, topic 4.1, page 38, and topic 6.144, page 42, the words "May be" should modify "FD".

- ✓ d. In the "Remarks" column, topic 8.143, page 47, first sentence, change the word "plant" to "plan".

- ✓ e. In the "Classification" column, topic 10.4, page 53, and topics 10.53 and 10.56, page 54, change "DI" to "FHD" and delete Footnote 1 thereto.

*H. F. Carroll*  
H. F. Carroll

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DISTRIBUTION STATEMENT F: Further dissemination only as directed by  
authority.



10/5 FEB 1998

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
OFFICE OF THE ADJUTANT GENERAL  
WASHINGTON 25, D. C.

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1960

IN REPLY REFER TO

AGAM-P (M) 461 (15 Jul 60) DCSOPS

22 July 1960

SUBJECT: Weapons Classification Guide (OC-DOC 71), 5 April 1960

TO: See Distribution

1. Weapons Classification Guide (OC-DOC 71), 5 April 1960, is furnished for information and guidance. This publication has been approved by the Atomic Energy Commission and the Department of Defense, and supersedes the AEC-DOD Classification Guide (OC-DOC 56), 1 July 1958, and all changes thereto.
2. OC-DOC 71 has a revised format which should make it more useful for classification of weapons information. To accomplish this, more sensitive information has been included in this Guide, and access to the Guide should be limited on a need-to-know basis.
3. Those portions of this Guide that provide positive guidance may be used in day-to-day classification determinations. Requests for classification guidance should be forwarded through channels to the Deputy Chief of Staff for Military Operations, Department of the Army, Washington 25, D. C.
4. This Guide establishes classification only. Public information releases concerning information determined to be UNCLASSIFIED will be governed by current policies on nuclear comment.
5. Except as required for record purposes, all copies of OC-DOC 56 and changes thereto should be destroyed in accordance with pertinent provisions of AR 380-5.

By Order of Wilber M. Brucker, Secretary of the Army:

R. V. LEE  
Major General, USA  
The Adjutant General



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# Weapons Classification Guide (OG-DOC 71)

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TSG (5)	Aberdeen PG (8)
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USASETAF (5)	6-631            9-377            44-101
OS Base Comd (5)	9-12            9-510            44-112
Log Comd (3)	9-47            39-51            44-201
	9-86            39-61

NG & USAR: None

For explanation of abbreviations used see AR 320-50.



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# WEAPONS CLASSIFICATION GUIDE

## FOREWORD

### 1. Purpose

The purpose of this guide is to provide a basis for determining the level of classification to be assigned to information concerning design, manufacture and utilization of nuclear weapons.

### 2. Use of the Guide

a. The determination of the appropriate classification of a document, material, etc., is to be based on an evaluation which takes into account all applicable topics of the guide. Many cases will arise when individual parts, phrases, or pieces standing alone may justifiably be assigned a specific classification, but when combined, may implicitly or explicitly reveal information which requires a higher classification than any of the individual parts. Classified information must not be subdivided into components all of which are unclassified. In using this guide to assign classification, consideration should be given to the possible effect of the information upon current international relations. Information concerning new concepts of design and new plans for utilization of nuclear weapons may be more important than the design details of present nuclear weapons systems. New concepts of weapon design, delivery or utilization may have great significance to the national defense and security and should be evaluated and assigned appropriate classification.

b. It is expected that this guide will be subject to frequent revisions. It is requested that military users forward suggestions concerning revision or amplification, through appropriate Service channels, to

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the Chief, Defense Atomic Support Agency, Washington 25, D. C. AEC and AEC contractor personnel should forward suggestions to the Director, Division of Classification, U. S. Atomic Energy Commission, Washington 25, D. C.

c. Those portions of this Guide that provide positive guidance may be used in day-to-day classification determinations. Requests for classification guidance should be forwarded through channels to the appropriate DOD or AEC agency described in 2b. above.

### 3. Basic Policy

a. The principle underlying declassification policy is to achieve a balance between two aims: (a) promoting the common defense and security by maintaining at a minimum the declassification of knowledge concerning the non-peaceful applications of atomic energy and (b) promoting the scientific and peaceful applications of atomic energy to the maximum extent consistent with the common defense and security.

b. Weapons Information: Of all the types of classified atomic energy information, that which is of significance (requiring classification and safeguarding) to nuclear weapons is the most important from the point of view of the national security. Weapons information is inherently classified. In this field, retarding the progress of inimical nations is particularly important. Therefore, the declassification or downgrading of any information is justified only when it makes a contribution to our own progress which clearly outweighs the risk to the national defense and security of disclosing the information.

However, within the area of nuclear weapons information there is a wide range of sensitivity. Of special significance are the following:

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## INTRODUCTION

### 1. Authority

This guide has been approved by the Department of Defense and the Atomic Energy Commission to provide basic classification policy to their agencies and contractors, and to other government agencies involved in the design, manufacture or utilization of nuclear weapons.

### 2. Dissemination of Atomic Weapons Information

- a. In this guide the marking "FRD" in the Classification column indicates information which (pursuant to Section 142.d., Atomic Energy Act of 1954) has been removed from the Restricted Data category and is safeguarded as Defense Information--Formerly Restricted Data. Documents and correspondence containing this type of information will be marked and disseminated as prescribed in appropriate AEC or DOD instructions.

### 3. Definitions

The following definitions are listed to assist the users of this guide in the interpretation of its words and phrases.

- a. The term "Restricted Data" means all data concerning (1) design, manufacture, or utilization of atomic weapons; (2) the production of special nuclear material; or (3) the use of special nuclear material in the production of energy, but shall not include data declassified or removed from the Restricted Data category pursuant to Section 142, Atomic Energy Act of 1954.
- b. The term "atomic energy" means all forms of energy released in the course of nuclear fission or nuclear transformation.

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- c. The term "nuclear weapon" ("atomic weapon" as defined in Section 11.d., Public Law 703, 83rd Congress) means any device utilizing atomic energy, exclusive of the means for transporting or propelling the device (where such means is a separable and divisible part of the device), the principal purpose of which is for use as, or for development of, a weapon, weapon prototype, or a weapon test device.
- d. The term "design" means (1) specifications, plans, drawings, blueprints, and other items of like nature; (2) the information contained therein; or (3) the research and development data pertinent to the information contained therein.
- e. The term "Appropriate Military Classification" means that classification which would, in accordance with appropriate military directives, be assigned a specific document, piece of material or information because of its military significance and not because of its relationship to atomic energy or atomic weapons.
- f. For the purpose of classification only:

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- g. The term "Warhead" means the minimum number of structurally integrated components which will give a nuclear yield when supplied with a suitable electrical impulse.
- h. "Nuclear Systems" means the components of warheads which are necessary to the reactions leading to a nuclear detonation upon the application of electrical energy to the warhead.
- i. The word "type" is used in this guide to denote categories such as MK 6, MK 5, 110 capsule, 990 capsule, D pit, Nemo and the like.
- j. The following abbreviations are used in this guide:
  - (1) TS—Top Secret
  - (2) S—Secret
  - (3) C—Confidential
  - (4) U—Unclassified
  - (5) OUO—An Administrative marking indicating Official Use Only
  - (6) RD—Restricted Data
  - (7) FRD—Formerly Restricted Data
  - (8) DI—Defense Information other than RD or FRD

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Subject	Classification	Remarks
1. <u>WEAPON DESIGN</u>		
1.0 GENERAL		

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Subject

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Subject

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1.0 GENERAL (Cont'd)

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Subject	Classification	Remarks
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Subject

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Subject

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Subject

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Subject

Classification

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Subject	Classification	Remarks
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Subject

Classification

Remarks

1. WEAPON DESIGN (Cont'd)

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Subject

Classification

Remarks

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2. MANUFACTURE OF NUCLEAR WEAPONS

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Subject

Classification

Remarks

3. TESTING

3.0 General

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Subject

Classification

Remarks

4. NOMENCLATURE AND DE-  
SCRIPTION

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Subject

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Remarks

4. NOMENCLATURE AND DE-  
SCRIPTION (Cont'd)

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b(2)

## 5.1 Yields

DELETED

b(2)

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Subject

Classification

Remarks

5. YIELDS (Cont'd)

DELETED

b(2)

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Subject	Classification	Remarks
5. <u>YIELDS</u> (Cont'd)		

DELETED

b(2)

b(3)

6. WEAPONS EFFECTS

DELETED

b(2)

Subject	Classification	Remarks
6. <u>WEAPONS EFFECTS</u> (Cont'd)		

DELETED

b(2)

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Subject

Classification

Remarks

6. WEAPONS EFFECTS (Cont'd)

DELETED

b(2)

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Subject

Classification

Remarks

6. WEAPONS EFFECTS (Cont'd)

DELETED

b(2)

7. EQUIPMENT FOR TESTING, ASSEMBLING, HANDLING, AND DELIVER-  
ING NUCLEAR WEAPONS AND ASSOCIATED TRAINING EQUIPMENT

DELETED

b(2)

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Subject

Classification

Remarks

7. EQUIPMENT FOR TESTING, ASSEMBLING, HANDLING, AND DELIVER-  
ING NUCLEAR WEAPONS AND ASSOCIATED TRAINING EQUIPMENT  
(Cont'd)

DELETED

b(2)

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Subject

Classification

Remarks

8. STORAGE SITES

DELETED

b(2)



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Subject

~~Classification~~

Remarks

8. STORAGE SITES (Cont'd)

DELETED

b(2)

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Classification

Remarks

8. STORAGE SITES (Cont'd)

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b(2)

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Subject

Classification

Remarks

8. STORAGE SITES (Cont'd)

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b(2)

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Subject

Classification

Remarks

8. STORAGE SITES (Cont'd)

DELETED

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9. STOCKPILE QUANTITIES AND PRODUCTION RATES

NOTES:

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b(2)

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Subject

Classification

Remarks

9. STOCKPILE QUANTITIES AND  
PRODUCTION RATES (Cont'd)

DELETED

b(2)

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Subject

Classification

Remarks

10. ATOMIC ENERGY DETECTION  
SYSTEM

DELETED

b(2)

1 Transclassified under Section 142.E of the  
Atomic Energy Act of 1954.

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Subject

Classification

Remarks

10. ATOMIC ENERGY DETECTION  
SYSTEM (Cont'd)

DELETED

b(2)

*see memo 7/28/60 & 9/6/60*  
<sup>2</sup>  
~~Transclassified under Section 142 of the Atomic Energy Act of 1954.~~

~~SECRET~~

Subject

Classification

Remarks

10. ATOMIC ENERGY DETECTION  
SYSTEM (Cont'd)

*See memo*

DELETED

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*see memo*  
~~<sup>1</sup>Transclassified under Section 142.d. of the Atomic Energy Act of 1954.~~

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*b(2)*

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~~TOP SECRET~~

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Subject

Classification

Remarks

10. ATOMIC ENERGY DETECTION  
SYSTEM (Cont'd)

DELETED

b(2)

~~TOP SECRET~~  
~~RESTRICTED DATA~~