

LM
Ugh

726671

1536

April 8, 1969

Union Carbide Corporation
Nuclear Division
P. O. Box Y
Oak Ridge, Tennessee 37830

Attention: Mr. J. M. Case

OFFICIAL NAME CHANGE - BALLISTIC MISSILE DEFENSE SYSTEM

Gentlemen:

Enclosed for your information is a copy of a teletype announcing a change in the name of the Army's Ballistic Missile Defense System from "Sentinel" to "Safeguard". It also contains the designations for the various components of the Army's Safeguards Organization.

Sincerely,
Original Signed By
Charles A. Keller

BEST COPY AVAILABLE

Charles A. Keller
Director
Production Division

OPW:MRT

Enclosure:
Cy. TWX dtd. 4/4/69, 1 Cy.

CC: Mr. R. C. Armstrong, w/o Encl.
Mr. L. H. Jackson, w/1 Cy. Encl.

ONE COPY

FILE

REPOSITORY Oak Ridge Opr.
Records Holding Area
COLLECTION Doc. 1944-194
BOX No. A-78-4 Class. Official Files
Blk. 2714-H
FOLDER Med., Health & Safety Folder
Hazards & Control 1962 3-2

Code Words
1957-1971

1183925

UNITED STATES GOVERNMENT

~~SECRET~~

Memorandum

TO : L. R. Michener, Classification Officer DATE: January 10, 1961
 Oak Ridge Operations Office

FROM : Russell H. Ball, Assistant Manager for Technical
 Operations, San Francisco Operations Office

SUBJECT: RAPIER CLASSIFICATION INDEX

Enclosed are four copies of the Rapier Classification Index for your office and distribution to Y-12.

Recipients of the Index should be cautioned that dissemination of the contents of the Index should be made on a strict "need-to-know" basis.

Enclosure
 COMD-455-61
 Cys 2 thru 5A, A-26471

Secret
Jan

~~_____~~
 contains ~~_____~~ DATA

When separated from enclosure, handle
 this document as SECRET

~~SECRET~~

JUN 19 1964

J. A. Waters, Director, Division of
Security, Headquarters

F. P. Callaghan, Director, Security
Division, Oak Ridge

CODE WORD DELETION

ASD:RJH

This is to report, as required by AEC-2103, the discontinuance
of the use of the code word "V" by the Oak Ridge Operations
Office. This word is not being replaced, but its meaning
should remain classified Secret Restricted Data.

F. P. Callaghan

cc; F. P. Baranowski, Division of Production, HQ
R. C. Armstrong, Assistant Manager for Operations, OR
C. A. Keller, Director, Production Division, OR
L. R. Michener, Classification Officer, OR ✓



Copy leads.

1183927

UNITED STATES GOVERNMENT

3284

Memorandum

~~SECRET~~
When separated from enclosure, handle
this document as *unclassified*

TO : L. R. Michener, Classification Officer
Oak Ridge Operations Office

DATE: July 27, 1961

FROM : W. Clark Hickman, Classification Officer
San Francisco Operations Office

Clark Hickman

SUBJECT: ASSIGNMENT OF NICKNAME CODEWORDS

SYMBOL: C:WCH

Enclosed are two copies each of definitions and guidance
for the following code word nicknames prepared by the
Lawrence Radiation Laboratory.

- Rattan
- Rail
- Blackbird

Enclosures:

1. COK-1018, dtd 4/27/61, cys 77 and 78A (A-24498) S/RD *cy 77, UCR*
2. COK-1012, dtd 4/17/61, cys 80 & 81A (A-24285) S/RD *cy 80 "*
3. COK-1032, dtd 6/2/61, cys 65 & 66A (A-24734) S/RD *cy 65 "*

*Routed to
Sec Dir. 8-21*

Rtd. 9-7-61

*Sec. 2-1
Jan*

Document transmitted herewith

contains ~~RESTRICTED DATA~~

~~SECRET~~

1183928

~~SECRET~~

O:LRM

Oak Ridge, Tennessee
Aug. 13, 1961

~~SECRET~~
~~CONFIDENTIAL~~
~~CONFIDENTIAL~~

Union Carbide Nuclear Company
Post Office Box P
Oak Ridge, Tennessee

Attention: Mr. C. E. Center, Vice President

Subject: ASSIGNMENT OF NICKNAME CODE WORDS

Gentlemen:

We are forwarding herewith one copy each of definitions and guidance for code words as prepared by the Lawrence Radiation Laboratory and approved by the AEC.

Rattan
Rail
Blackbird

This guidance is forwarded for your implementation to the extent that it is applicable to Y-12 operations. We would appreciate being informed of any inconsistencies between the enclosed guidance and your existing practices.

Very truly yours,

*Sec. 2-1
Jan*

When Separated From
Inclosure Mark This Document
OPTIONAL FORM NO. 10
Insert Proper Classification

Original signed by
S. R. Saporis

Manager
Oak Ridge Operations

Enclosures:

1. COK-1018, dtd 4/27/61, cy 77A (ORO 111172) S-RD
2. COK-1012, dtd 4/17/61, cy 80A " " "
3. COK-1032, dtd 6/2/61, cy 65A " " "

CC: C. A. Keller
T. Avery

~~SECRET~~

for Dep.

OFFICE ▶	Classification Officer Michener:me	Prod. Div.	Operations	Manager
SURNAME ▶	LRM	Keckler	Avery	Callahan
DATE ▶	8-1-61	8/16	8/1	8-2-61

1183929

UNITED STATES GOVERNMENT

~~TOP SECRET~~

Memorandum

TO : L. R. Michener, Classification Officer DATE: January 10, 1961
 Oak Ridge Operations Office

FROM : Russell H. Ball, Assistant Manager for Technical Operations
 San Francisco Operations Office

SUBJECT: SAPPHIRE CLASSIFICATION INDEX -167

Enclosed is an additional copy of the above noted index for your use.

Enclosure:

COMD-165-60

cy 4A A-26467 *To Keller for retention 1-22-62*

*Sec. 2-1
(San)*

~~Document transmitted herewith:~~

~~contains RESTRICTED DATA~~

When separated from enclosure, handle this document as RESTRICTED DATA

~~TOP SECRET~~

March 20, 1969

S. A. Upson, Director, Division of Non Weapons Activities, Albuquerque
M. F. Moore, Classification Officer, San Francisco
Dean H. Warner, Classification Officer, LRL - Livermore

DECLASSIFICATION OF CODE WORDS

The attached letter to UCCED explains the recent declassification of the code words Daffodil and Sunflower.

L. R. Michener
ORO Classification Officer
Oak Ridge Operations

O:LEM

NFY

Enclosure:
Ltr to UCCED dtd 3/18/69

~~XXXXXXXXXX~~

OFFICE ▶	Class.					
SURNAME ▶	Michener:aw					
DATE ▶	<i>3-20</i>					

1183931

March 18, 1969

Union Carbide Corporation
Nuclear Division
Post Office Box Y
Oak Ridge, Tennessee 37830

Attention: Mr. R. F. Hibbs, Vice President

DECLASSIFICATION OF CODE WORDS - DAFFODIL AND SUNFLOWER

Gentlemen:

The Division of Classification has declassified the following definitions of the subject code words:

1. Daffodil - Oralloy or uranium metal enriched to product level (above 90% ²³⁵U).
2. Sunflower - Tuballoy or depleted uranium metal.

Documents containing the code words Daffodil and Sunflower which would otherwise be unclassified through the application of a specific topic of a guide approved for use may be declassified by authorized declassification authorities.

Sincerely,

Original Signed By
Charles A. Keller

Charles A. Keller
Director
Production Division

OK
cc: R. G. Armstrong
F. P. Callaghan
C. L. Marshall, HQ

OFFICE ▶	Classification		Production		
SURNAME ▶	Michener:jg <i>LM</i>		<i>Keller</i>		
DATE ▶	3-17-69		3/17/69		

March 18, 1969

R. V. Anderson, Area Manager, Portsmouth
B. M. Stiller, Area Manager, Paducah

DECLASSIFICATION OF CODE WORDS - DAFFODIL AND SUNFLOWER

The Division of Classification has declassified the following definitions of the subject code words:

1. Daffodil - Orally or uranium metal enriched to product level (above 90% ²³⁵U).
2. Sunflower - Tuballoy or depleted uranium metal.

Documents containing the code words Daffodil and Sunflower which would otherwise be unclassified through the application of a specific topic of a guide approved for use may be declassified by authorized declassification authorities.

ORIGINAL SIGNED BY

E. A. WENDE

for
S. R. Seprie

Manager

Oak Ridge Operations

cc: C. A. Keller *OK*
F. P. Callaghan
C. L. Marshall, HQ

	Classification	Production	Operations	Manager
OFFICE ▶	Micheper:jg			
SURNAME ▶	<i>LKM</i>	<i>Keller</i>	<i>Wende</i>	<i>Wende</i>
DATE ▶	<i>3-17-69</i>	<i>3/17/69</i>	<i>3/18/69</i>	<i>3-18-69</i>

1183933



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

March 14, 1969

L. R. Michener, Classification Officer
Oak Ridge Operations Office

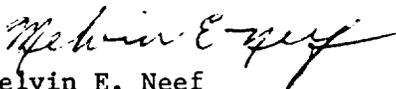
DECLASSIFICATION OF CODE WORDS - DAFFODIL AND SUNFLOWER

Reference is made to your March 3, 1969 memorandum, subject as above.

We have declassified the following definitions of the subject code words:

1. Daffodil - Oralloid or uranium metal enriched to product level (above 90% ^{235}U).
2. Sunflower - Tuballoy or depleted uranium metal.

This memorandum may be used as your authority to declassify the definition of the code words Daffodil and Sunflower and documents containing these code words which would otherwise be unclassified by a specific topic of CG-W-3 (e.g., topics 803.2, 804, etc.) or topics of other guides approved for ORO use when the declassified definition is substituted for the subject code words.


Melvin E. Neef
Chief, Weapons Branch
Division of Classification

cc: E. J. Grabowski, P
J. B. Cohen, S
R. G. Shull, DMA

1183934

~~SECRET~~

S. R. Sapirie, Manager
Oak Ridge Operations Office

F. P. Baranowski, Director ORIGINAL SIGNED
Division of Production BY M. STETSON

DEC 23 1964

BRANDY AND BRANDYWINE

8:27

PRR:RJM

SUM. DEC 28 1964

The use of Brandy and Brandywine as code words is no longer necessary. A copy of our memorandum to W. A. Waters, Jr., Division of Security, of March 20, 1964 on the above subject is enclosed for your information.

Enclosure:

Cy of Memo, Baranowski to Waters,
dtd 3/20/64, Cy 1C

SO with encl. Security 1-4-65



~~DOCUMENT TRANSMITTED
HEREWITH CONTAINS
RESTRICTED DATA~~

~~SECRET~~

When separated from enclosures, handle this document

as **UNCLASSIFIED**
(Insert proper classification)

1183935

~~SECRET~~

AUG 26 1965

AUG 23 1965

Those listed below

Vincent C. Vespe

Vincent C. Vespe, Chairman of the ALOO
Committee on Weapon Criticality Problems

DRAFT OF DOCUMENT "WEAPON CRITICALITY SOURCE BOOK DATA"

ODR:DFW

A draft of a document entitled "Weapon Criticality Source Book Data" is furnished for your information and any comments you wish to make. We would appreciate receiving any comments, corrections, or additions by January 1, 1966, at which time a final draft will be prepared.

This document has been compiled into two Parts because together they constitute a top secret document. We are, therefore, making distribution of Part I (Secret) at this time to be followed by the distribution of Part II (Secret) in about a week. Since the combined documents constitute top secret information, recipients are reminded that appropriate access control and handling procedures are required when both documents are together.

Enclosure:

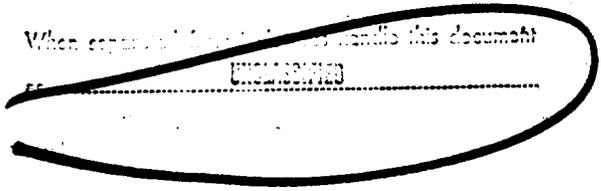
Weapon Criticality Source Book Data, Part I

Distribution: Draft 2

- Hugh C. Paxton, Los Alamos Scientific Laboratory, Cy 1
- Oscar C. Kolar, Lawrence Radiation Laboratory, Cy 2
- C. L. Schuske, The Dow Chemical Company, Cy 3
- A. D. Callihan, Oak Ridge National Laboratory, Cy 4
- S. A. Moore, Sandia Corporation-1540, Cy 5
- Major J. E. Wasiak, Field Command, DASA, Cy 6
- John L. Cameron, Storage Division, ALO, Cy 7
- Lloyd C. Kersey, Special Activities Division, ALO, Cy 8
- Vincent C. Vespe, Operational Safety Division, ALO, Cy 9

When separated from this document

~~UNCLASSIFIED~~



*Person
Lawrence ALO. ...
They know of problem
& won't do anything about it.
Old see well refer to Hdy.*

var

1183936

~~SECRET~~

SEP 7 1965

~~SECRET~~

AUG 31 1965

Those listed below

Vincent C. Vespe

Vincent C. Vespe, Chairman of the ALO
Committee on Weapon Criticality Problems

PART II OF "WEAPON CRITICALITY SOURCE BOOK DATA"

ODR:DFW

Enclosed is draft of Part II (Secret) of the "Weapon
Criticality Source Book Data."

Enclosure:
Weapon Criticality Source Book Data, Part II

Distribution: Draft 2

- Hugh C. Paxton, Los Alamos Scientific Laboratory, Cy 1
- Oscar C. Kolar, Lawrence Radiation Laboratory, Cy 2
- C. L. Schuske, The Dow Chemical Company, Cy 3
- A. D. Callihan, Oak Ridge National Laboratory, Cy 4
- S. A. Moore, Sandia Corporation-1540, Cy 5
- Major J. E. Wasiek, Field Command, DASA, Cy 6
- John L. Cameron, Storage Division, ALO, Cy 7
- Lloyd C. Kersey, Special Activities Division, ALO, Cy 8
- Vincent C. Vespe, Operational Safety Division, ALO, Cy 9

When separated from inclosures handle this document

as..... UNCLASSIFIED

~~Document Transmitted Through Channels
RESTRICTED DATA~~

~~SECRET~~

1183937

~~SECRET~~

O:CFH

Oak Ridge, Tennessee
January 10, 1961

Union Carbide Nuclear Company
Post Office Box P
Oak Ridge, Tennessee

Attention: Mr. C. E. Center, Vice President

Subject: XW-42 CLASSIFICATION INDEX

Gentlemen:

We are enclosing one copy of the XW-42 Classification Index prepared by the Lawrence Radiation Laboratory, and approved by San Francisco Operations Office. The guidance contained therein is authorized for use in our Weapons Program.

Very truly yours,

ORIGINAL SIGNED BY
E. A. MENDE

S. R. Sapirie
Manager
Oak Ridge Operations

*Sec. 2-1
(San)*

Enclosure:
Cy 7A, XW-42 Index
COMW-1328 dtd 9/9/60

CC: C. A. Keller, w/cy 8A of incl.

When Separated From
Inclosure Handle With Care
AS
Insert Proper Classification

~~SECRET~~

OFFICE ▶	Classification Horton:me	Prod. Div.	Operations	Manager
SURNAME ▶	<i>AM</i>	<i>R. E. Reed</i>	<i>rw.</i>	<i>Ullrich</i>
DATE ▶	<i>1-6-61</i>	<i>1-9-61</i>	<i>1/9/61</i>	<i>1-9-61</i>

Form AEC-318 (Rev. 6-58) 483938 U. S. GOVERNMENT PRINTING OFFICE 16-62761-5/61

UNITED STATES GOVERNMENT

Memorandum

~~SECRET~~

TO : L. R. Michener, Classification Officer
Oak Ridge Operations Office

FROM : Milton F. Moore, Assistant to the Manager
for Classification, SAN

SUBJECT: DOCUMENT TRANSMITTAL

SYMBOL: MC:MCL

DATE: December 30, 1960

Enclosed are three copies of the XW-42 Classification Index prepared by the Lawrence Radiation Laboratory, Livermore, and approved by this office. Copies are furnished for your use and that of Y-12. Dissemination of the contents of the Index should be made on a strict "need-to-know" basis.

Enclosures:

XW-42 Index - Cys 7-9/24A
COMW-1328 dtd 9/9/60 S/RD of A-22675

cc: J. W. Ruff, LRL-Livermore, w/o encls.

*See
SAN*

*cy 7A - C.E. Costa, 1-10-61
cy 8A - C.A. Keller, 1-10-61
cy 9A - Guide's for other generators*

~~document branch with~~
~~RESTRICTED DATA~~

When separated from Inclosures, handle this document as
UNCLASSIFIED

~~SECRET~~

~~SECRET~~

O:LRM

Oak Ridge, Tennessee

OCT 26 1961

Union Carbide Nuclear Company
Post Office Box P
Oak Ridge, Tennessee



Attention: Dr. C. F. Larson, Vice President

Subject: CLASSIFICATION INDEX - CALLIOPE DEVICE

Gentlemen:

We are enclosing herewith one copy of classification index pertaining to the Calliope device, originated by SAN, for your use and implementation.

Very truly yours,

ORIGINAL SIGNED BY
E. A. WENDE

[Signature]
S. R. Sapirle
Manager
Oak Ridge Operations

Enclosure:
Cy 6A Classification Index
(COMD-296-61)

CC: C. A. Keller



~~SECRET~~

OFFICE ▶	Classification Michener:me			Prod. Div. Keev	Operations <i>[Signature]</i>	Manager Wende
SURNAME ▶	LRM			10/25/61	10/25/61	10-26-61
DATE ▶	10/26/61					

~~SECRET~~



UNITED STATES
ATOMIC ENERGY COMMISSION
SAN FRANCISCO OPERATIONS OFFICE

2111 BANCROFT WAY
BERKELEY 4,
CALIFORNIA

IN REPLY REFER TO:

CL:WCH

OCT 18 1961

Mr. L. R. Michener
U. S. Atomic Energy Commission
Oak Ridge Operations Office
P. O. Box E
Oak Ridge, Tennessee

Dear Larry:

Enclosed are two copies of local classification index
pertaining to the Calliope device. Please retain one
copy for your files; the other copy is for Y-12.

Looking forward to meeting you at the Washington meeting
next month.

Very truly yours,

W. C. Hickman

W. C. Hickman
Classification Officer

Enclosure
As stated

6A + 7A

6A to UCCMC 10-26-61

7A Class. Book

~~Document transmitted herewith~~

~~contains~~

When separated from enclosure, handle
this document as *Unclassified*

~~SECRET~~

1183941

~~CONFIDENTIAL~~

O:LRM

Oak Ridge, Tennessee
November 2, 1961

Union Carbide Nuclear Company
Post Office Box P
Oak Ridge, Tennessee

~~CONFIDENTIAL~~

Attention: Dr. C. E. Larson, Vice President

Subject: "SABRE" DEVICE CLASSIFICATION INDEX

Gentlemen:

We are enclosing herewith copies 8A and 9A of the "SABRE" device classification index, originated by SAN, for your use and implementation.

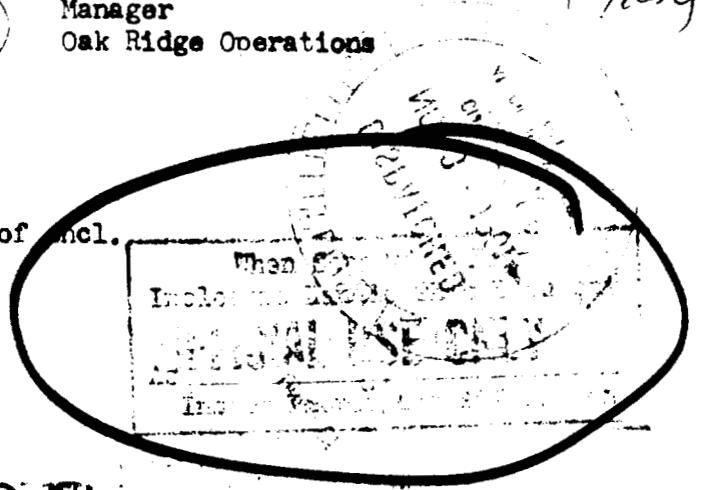
Very truly yours,

ORIGINAL SIGNED BY
H. A. WENDE
for S. R. Sapirie
Manager
Oak Ridge Operations

See 2-7
(Key)

Enclosure:
Cys 8A & 9A of sub.index
(COMD-329-61 (A-25834))

CC: C. A. Keller, w/cy 10A of incl.



~~CONFIDENTIAL~~

OFFICE ▶	Classification Michener:me		Prod. Div.	Operations	Manager
	LM		Keller	W. A. Wende	
SURNAME ▶			11/1/61	11/1/61	11-1-61
DATE ▶	10-31-61				

Dep.

~~SECRET~~

UNITED STATES GOVERNMENT

Memorandum

TO : Lawrence R. Michener, Classification Officer, Oak Ridge Operations Office

DATE: October 27, 1961

FROM : W. C. Hickman, Classification Officer
San Francisco Operations Office

W. C. Hickman

SUBJECT: "SABRE" DEVICE CLASSIFICATION INDEX

Enclosed are four copies of the "SABRE" device classification index. It is our understanding that Y-12 will be fabricating all of the components for this device.

Enclosure

COMD-329-61 Cys 8 thru 11A (A-25834)

cy 8A + 9A - C. E. Larson

cy 10A Keller

cy 11A - San. Index Guide book

When separated from enclosure, handle this document as Unclassified

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~~SECRET~~

~~SECRET~~

O:LRM

Oak Ridge, Tennessee
August 18, 1961

Union Carbide Nuclear Company
Post Office Box P
Oak Ridge, Tennessee

~~CONFIDENTIAL~~
~~CONFIDENTIAL~~

Attention: Mr. C. E. Center, Vice President

Subject: XW-58 CLASSIFICATION INDEX

Gentlemen:

We are enclosing herewith one copy of the XW-58 Classification Index, originated by SAN for your use and implementation.

Very truly yours,

ORIGINAL SIGNED BY

E. A. WENDE

S. R. Sapirie
Manager
Oak Ridge Operations

for

*Sec 2-1
(San)*

Enclosure:

XW-58 Classification Index (Cy 20A) *ORO 111394*

CC: C. A. Keller

When Sent From
Enclosure
As **UNCLASSIFIED**
Insert proper classification

Stamp: AUG 21 1961
22700A
U.S. GOVERNMENT PRINTING OFFICE

~~SECRET~~

OFFICE ▶	Classification Michener:me	Prod. Div.	Operations	Manager
SURNAME ▶	<i>LRM</i>	<i>Keller</i>	<i>Dep</i>	<i>Dep</i>
DATE ▶	<i>8-19</i>	<i>8/16/61</i>	<i>8/17</i>	<i>8-17-61</i>

1183944

UNITED STATES GOVERNMENT

Memorandum

~~SECRET~~

TO : L. R. Michener, Classification Officer
Oak Ridge Operations Office

DATE: August 11, 1961

FROM : *Clark Hickman*
W. Clark Hickman, Classification Officer
San Francisco Operations Office

SUBJECT: XW-58 CLASSIFICATION INDEX

SYMBOL: CL:WCH

When separated from enclosure, handle
this document as *Unclassified*

An additional copy of XW-58, Classification Index, is
enclosed as requested in your TWX dated August 9, 1961.

Enclosure:

XW-58 Classification Index
Cy 20A A-25191

*sent to
(UCVC 8-18-61)*

*Sec. 2-1
(San)*

~~Information transmitted herewith~~

contains ~~RESTRICTED DATA~~

~~SECRET~~

1183945

OK 0111396

MEMO ROUTE SLIP Form AEC-08 (Rev. May 14, 1947)		See me about this. Note and return.	For concurrence. For signature.	For action. For information.
TO (Name and unit) L.R. Michener	INITIALS DATE	REMARKS		
TO (Name and unit)	INITIALS DATE	REMARKS		
TO (Name and unit)	INITIALS DATE	REMARKS <i>Sec. 2</i>		
FROM (Name and unit) J.W. Ruff Class. Officer Classification Section UCLRL, Livermore	REMARKS Per M.E. Neef's TWX enclosed are requested documents.			
PHONE NO. 447-1100 Ext. 7261	DATE 10-16-62			

USE OTHER SIDE FOR ADDITIONAL REMARKS

U. S. GOVERNMENT PRINTING OFFICE : 1957-O-422007

1183946

~~XXXXXXXXXX~~

O:LRM

Oak Ridge, Tennessee

March 19, 1962

Union Carbide Nuclear Company
Post Office Box Y
Oak Ridge, Tennessee

~~XXXXXXXXXX~~

Attention: Mr. R. G. Jordan, Y-12 Plant Superintendent

Subject: SANDIA CLASSIFICATION HANDBOOK

Gentlemen:

Reference is made to our letter of December 21, 1961, subject as above, transmitting Change No. 1 to SC-4479A(M). Enclosed herewith is Copy No. 2 of Document Change No. 2, which includes 44 replacement pages and 2 insertion pages, for the subject document. You are requested to insert the new pages in your copy of the Handbook and to destroy the obsolete pages in accordance with applicable security regulations.

Very truly yours,

Charles A. Keller
Director
Production Division

Handwritten initials/signature

Enclosure:
Cy 2 - Change #2 to SC-4479A(M)

CC: C. E. Larson, UCNC
J. P. Murray, UCNC
BCC: D. B. Woodbridge, Y-12

Large handwritten circle around a stamp area

OFFICE ▶	Classification Michener:me	Operations	Prod. Div.
SURNAME ▶	<i>LRM</i>	<i>3W</i>	<i>Keller</i>
DATE ▶	<i>3-10-62</i>	<i>3/16</i>	<i>3/19/62</i>

1183947

~~SECRET~~

C. A. Keller, Director
Production Division

February 28, 1962

L. L. Michener, Classification Officer
Office of Assistant Manager for Operations

DEVICE GUIDANCE

D:LSM

~~SECRET~~

Attached for your retention is one copy each of the following device guidance:

X-56xx Classification Index - Cy 7B (DOC 113613)

Harp Classification Index - Cy 4A (DOC 113615)

Arrow II Classification Index - Cy 2A (DOC 113508)

Copies of each of these Indices have been transmitted directly to Y-12 plant and will be implemented by WDC. The transmittal of the Arrow II Classification Index to D.O. does not indicate concurrent transmittal to Y-12, but we have been informed by D. B. Woodbridge that copies have been received from LLL.

L. L. Michener

Enclosures:
As indicated above

CC: D.B. Woodbridge, Y-12

See 2-1 (S.M.)
RECEIVED
As
Insert Here Classification

~~SECRET~~

OFFICE ▶	Classification Michener:me				
SURNAME ▶	<i>LM</i>				
DATE ▶	<i>2-28-62</i>				

O:LRM

Oak Ridge, Tennessee
February 9, 1962

Union Carbide Nuclear Company
Post Office Box 2
Oak Ridge, Tennessee

Attention: Dr. C. W. Larson, Vice President

Subject: LUTE CLASSIFICATION INDEX

Gentlemen:

We are enclosing copies 22A and 23A of Lute Classification Index, originated by SAN, for your use and implementation.

Since Y-12 will not be directly concerned with all of the parts, dissemination of the contents of the Index should be made on a "need-to-know" basis.

Very truly yours,

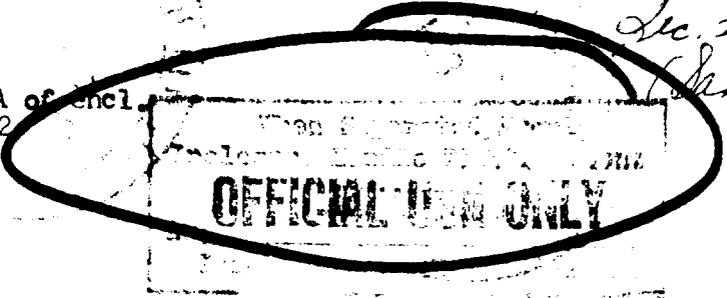
RECEIVED BY

L. A. KELLER

S. B. Sapirie
Manager
Oak Ridge Operations

Enclosure:
COMD 59-62 (22 A-23A)

CC: C. A. Keller, w/cy 24A of encl.
BCC: D. B. Woodbridge, Y-12



OFFICE ▶	Classification Michener:me	Prod. Div.	Operations	Manager
SURNAME ▶	LMH	Reled	[Signature]	Wood
DATE ▶	2-7-62	2/7/62	2/9/62	2-8-62

1183950

O:LFM

Oak Ridge, Tennessee
January 23, 1962

Union Carbide Nuclear Company
Post Office Box P
Oak Ridge, Tennessee

Attention: Dr. J. P. Larson, Vice President

Subject: RAPIER CLASSIFICATION INDEX

Gentlemen:

We are enclosing copies 3A and 4A of the Rapier Classification Index, originated by SAN, for your use and implementation.

*Sec 2-1
(San)*

Recipients of the Index should be cautioned that dissemination of the contents of the Index should be made on a strict "need-to-know" basis.

Very truly yours,

ORIGINAL SIGNED BY

E. A. WENDE

S. R. Sapirie
Manager
Oak Ridge Operations

Enclosure:
COMD 455-61 (3&4A)

CC: C. A. Keller, w/5A encl
BCC: D. B. Woodbridge, w/1A

DISPATCHED JAN 24 1962

UNCLASSIFIED

Insert proper class. notation

OFFICE ▶	Classification	Production	Operations	Manager/ORO
Michener, JG	<i>LM</i>	<i>Keen</i>	<i>HW</i>	<i>Wend</i>
SURNAME ▶				
DATE ▶	<i>1-21-62</i>	<i>1/22/62</i>	<i>1/22</i>	<i>1-22-62</i>

1183951

~~SECRET~~

Office Memorandum • UNITED STATES GOVERNMENT

TO : L. A. Michener, Classification Officer
Oak Ridge Operations Office

DATE: April 16, 1957

FROM : C. L. Robinson, Classification Officer *CLR*
Hanford Operations Office
Richland, Washington

SUBJECT: GUIDE TO ATOMIC WEAPON DATA AT HANFORD

SYMBOL: CO:CLR

Enclosed is an information copy of HAN-65321, "Guide to Atomic
Weapon Data at Hanford".

Enclosure:
HAN-65321 (cy 39)

LM

Handwritten signature

~~Document is classified~~
~~as follows:~~

When removed from enclosure, handle
this document as *Unclassified*
(Insert Proper Classification)

~~SECRET~~

1183952

ORO 65303

~~SECRET~~
Oak Ridge, Tennessee
April 3, 1959

GILM

Union Carbide Nuclear Company
Post Office Box P
Oak Ridge, Tennessee

Attention: Mr. S. T. Center, Vice President

Subject: CLASSIFICATION I E YES - JADE AND SERAPH II

Gentlemen:

Classification guidance concerning two devices with which Y-12 operations will be concerned (Jade and Seraph II) has been received from San Francisco Operations Office. We are forwarding one copy of each index for your use and implementation.

If there is any question concerning appropriate classification policy involving these devices, it is suggested that such matters be brought to our attention.

Very truly yours,

for S. R. Sapirio
Manager
Oak Ridge Operations

*Sec. 2-1
(San)*

Enclosures:
JADE Index dtd 3/7/59 COMD 78-59
By LA
SERAPH II Index dtd 1/30/59 COMD 68-51
By LA

As Unclassified
Insert Page of Classification

CC: F. P. Callaghan
C. A. Keller, 1B 9 and sent 4-6-59
BC: D. B. Wondolich, 4-12

~~SECRET~~

DO NOT WRITE IN THESE SPACES
APR 10 1959
122104

OFFICE ▶	Class. Off. Michener:aw	Production	Operations	Manager
SURNAME ▶	<i>LM</i>	<i>Keller</i>	<i>3 W</i>	
DATE ▶	<i>4-2-59</i>	<i>4-2-59</i>	<i>4/3</i>	<i>4-3-59</i>

1183953

~~SECRET~~

Office Memorandum • UNITED STATES GOVERNMENT

TO : L. P. Michener, Classification Officer
Oak Ridge Operations Office

DATE: FEB 27 1959

FROM : *Milton F. Moore*
Milton F. Moore, Assistant to the Manager
for Classification, SAN

SUBJECT: FIFE II CLASSIFICATION INDEX

SYMBOL: M:MFM

Enclosed for the use of your office and your contractor, Y-12, are two copies of the Classification Index prepared by UCRL for the FIFE II device.

The Y-12 organization is currently fabricating part of the components for this device under a blanket fabrication authorization identified as SANL-311. This authorization which was transmitted to Mr. C. A. Keller, early in FY 1959, outlines in broad terms the areas of assistance which UCRL desires from your contractor.

Since Y-12 is not directly concerned with all components of the device, you may wish to restrict internal distribution of the contents of the Index on a "need-to-know" basis.

Also enclosed are two copies of a new approved code word for your use with the referenced Index.

Enclosures:

FIFE II Index dtd 1/30/59, COMD 34-59
Cys 5&6/13A - A-17773

UCRL Code Word Memo dtd 2/12/59 COK-688
Cys 62&63/70A - A-17847

copy 2 CRL 3-11-59
copy 62 UCRL 3-10-59
copy made in Series 12 for C.A. Keller
UNCLASSIFIED

~~Document transmitted herewith~~

~~RESTRICTED DATA~~

See 2-1 SAN

*W. H. ... Milton F. Moore
but memo 3-11-59*

1183954

~~SECRET~~

~~SECRET~~
Office Memorandum • UNITED STATES GOVERNMENT

TO : L. R. Michener, Classification Officer
Oak Ridge Operations Office
Milton F. Moore
FROM : Milton F. Moore, Assistant to the Manager
for Classification, SAN

DATE: MAR 26 1959

SUBJECT: CLASSIFICATION INDEXES - JADE AND SERAPH II

SYMBOL: M:MFM

Enclosed for the use of your office and your contractor are two copies of the above subject classification indexes.

Enclosures:

- JADE Index dtd 3/2/59 COMD 78-59
Cys 4&5/13A - A-17988
- SERAPH II Index dtd 1/30/59 COMD 68-59
Cys 4&5/13A - A-18010

*2 of each sent to
WOC NC by ltr. dtd. 4-3-59*

*Index B made of indexes A-18010 & A-17988
1 B sent to Keller 4-6-59*

When separated from inclosures, handle
this document as
UNCLASSIFIED

~~SECRET~~
~~SECRET~~

*Sec. 2-1
(San)*

~~SECRET~~

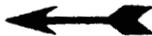
UNIVERSITY OF CALIFORNIA

RADIATION LABORATORY
P. O. BOX 808
LIVERMORE, CALIFORNIA

K-703

March 30, 1959

W. H. Lawrence, ALO
L. R. Michener, ORO
L. M. Redman, LASL
M. F. Moore, SAN



~~RESTRICTED DATA~~

enclosures, include this document as UNCLASSIFIED

Gentlemen:

Enclosed are two examples of the type of information our Mechanical Engineering people use to describe characteristics of numerically controlled machine tools. We believe that the memorandum represents a good statement of information which may be unclassified while the engineering note deals with the type of information which should be protected as Restricted Data. We would appreciate your comments concerning the classifications assigned these two documents.

These documents have been given the following distribution by Engineering:

- C.R. Barnard - Sandia Corp., Livermore
- L.E. Davies - Sandia Corp., Livermore
- R.D. Gruthier - Dow Chemical, Rocky Flats
- John Hardman - Bendix, Kansas City
- W. Lowery - ACF, SAW
- John McMenamin - Mason & Hanger - Silas Mason Co., Pantex
- A. Smith - General Electric Co., Hanford
- Leland Sparks - ALOO Manufacturing
- Ernest Zurcher - Union Carbide Nuclear Corp., Oak Ridge

Very truly yours,

ORIGINAL SIGNED BY
J. W. RUFF

J. W. Ruff
Chief, Classification Section

JWR:em

Enclosures as stated

Sec 2
(Jan)

1183956

~~SECRET~~

O:LRM

Oak Ridge, Tennessee

April 20, 1959

Union Carbide Nuclear Company
Post Office Box P
Oak Ridge, Tennessee

Attention: Mr. C. E. Center, Vice President

Subject: A UNIFORM METHOD OF CONTOUR DESCRIPTION

Gentlemen:

Two memoranda, subject as above have been transmitted to ORO by UCRL-Livermore. Copies of these are attached as follows:

1. Memorandum dated March 4, 1959 - Unclassified
2. Memorandum COMS 233 EMS 35, dated February 26, 1959 - Secret-RD.

We understand that these memoranda have also been transmitted directly to Mr. E. R. Zurcher, Y-12 plant.

UCRL has requested our comments concerning classification of these two memoranda. We would appreciate your advising whether the UCRL treatment of these memoranda is consistent with your current practices. Also, we would appreciate your further comments in regard to the addendum to the unclassified memorandum concerning UCRL's classification practices related to classified information stored on administrative media, described as follows:

"In general, any classified information stored on any media, retrievable with non-classified information, must be afforded the same degree of classification and protection as, for instance, a drawing containing the same information. Reuseable media, such as magnetic tapes, from which classified information has been removed by de-magnetization, can be treated as unclassified."

*See 2-1
(Stan)*

~~_____~~

~~_____~~
UCRL
Controlled Information DATA

~~SECRET~~

O:QFH

Oak Ridge, Tennessee
June 9, 1959

Union Carbide Nuclear Company
Post Office Box P
Oak Ridge, Tennessee

Attention: Mr. C. E. Center, Vice President

Subject: JADE B CLASSIFICATION INDEX

Gentlemen:

We are enclosing one copy of COMD 101-59, Jade B Classification Index. This index is prepared by the University of California Radiation Laboratory and forwarded to Oak Ridge Operations for our guidance.

Very truly yours,

ORIGINAL SIGNED BY

E. A. WENDE

for S. R. Sapirie
Manager
Oak Ridge Operations

Enclosure:
COMD 101-59, Jade B (cy 3a)

CC: C. A. Keller (w/cy 4a encl.)

Sec. 2-1
(BA)

~~CONFIDENTIAL~~
UNCLASSIFIED

~~SECRET~~

OFFICE ▶	Classification Horton: JG	Operations	1	Dep. Mgr.	Manager/ORO
SURNAME ▶	QFH	Aslead	3w.	Wende	
DATE ▶	6/8/59	110305/59	6/9	6-9-59	

~~SECRET~~
Office Memorandum • UNITED STATES GOVERNMENT

TO : L. R. Michener, Classification Officer
Oak Ridge Operations Office

DATE: JUN 5 1959

FROM : Milton F. Moore, Assistant to the Manager
Milton F. Moore
for Classification, SAN

SUBJECT: JADE B CLASSIFICATION INDEX

SYMBOL: M:MCL

Enclosed herewith are three copies of COMD 101-59, JADE B Classification Index, for your use and for your contractor, Y-12.

Enclosures:
JADE B Cys 3-5/13A, COMD 101-59

When separated from Inclosures, handle
this document as
UNCLASSIFIED

~~SECRET~~

*Sec 2
(son)*

~~SECRET~~

1183960

O:QFH

Oak Ridge, Tennessee

June 4, 1959

Union Carbide Nuclear Company
Post Office Box P
Oak Ridge, Tennessee

Attention: Mr. C. E. Center, Vice President

Subject: CLASSIFICATION INDEX - SERAPH II

Gentlemen:

Reference is made to our letter of April 3, 1959, subject "Classification Indexes - Jade and Seraph II," by which we transmitted one copy of each index. We are forwarding one copy of revised page 10 of the Seraph Classification Index, COMD 68-59, dated May 4, 1959.

Please substitute the revised page in your indexes and destroy the old page in accordance with appropriate security regulations.

Very truly yours,

G. VANDEN BULCK

S. R. Sapirie
Manager
Oak Ridge Operations

Enclosure:
Rev. 1, Page 10, COMD 68-59

CC: C. A. Keller, w/encl.

When Separated From
Inclosure Handle This Document

UNCLASSIFIED

Insert Proper Classification

OFFICE ▶	Classification Horton:me		Operations	Manager
SURNAME ▶	QFH	HM	32	Center
DATE ▶	6-3-59	6/3	6/3	6-3-59

1183961

~~SECRET~~

Office Memorandum • UNITED STATES GOVERNMENT

TO : L. R. Michener, Classification Officer
Oak Ridge Operations Office

FROM : Milton F. Moore, Assistant to the Manager
for Classification, SAN

SUBJECT: REVISION TO SERAPH CLASSIFICATION INDEX

SYMBOL: M:MCL

DATE: MAY 29 1959

Enclosed are three copies of revised Page 10 of the Seraph Classification Index, COMD 68-59, dated January 30, 1959.

Please substitute the revised page in your indexes and destroy the old page in accordance with appropriate security regulations.

Enclosures:
Revised Page 10 -
SERAPH Index (3 cys)

1 of U.C.N.C.
1 of C.A. Keller

When separated from inclosures, handle this document as
UNCLASSIFIED

old page destroyed
6-4-59
me

~~Document from [redacted] [redacted]~~
~~[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]~~

Sec. 2-1
(lin)

~~SECRET~~

~~SECRET~~

O:LRM

Oak Ridge, Tennessee

September 25, 1959

Union Carbide Nuclear Company
Post Office Box P
Oak Ridge, Tennessee

~~SECRET~~

Attention: Mr. C. E. Center, Vice President

Subject: CLASSIFICATION INDEX - SERAPH II

Gentlemen:

Reference is made to our letter of June 4, 1959, subject as above. We are forwarding one copy of page 10, Rev. 2 of the Seraph Classification Index, COMD 68-59, dated September 4, 1959.

Please substitute the revised page in your index and destroy the old page in accordance with applicable security regulations.

Very truly yours,

ORIGINAL SIGNED BY
E. A. WENDE

for: S. R. Sapiris
Manager
Oak Ridge Operations

Enclosure:
1 copy of page 10, COMD 68-59
CC: C. A. Keller, w/encl.

See 27
When Separated From
Included in this Document
ENCLOSURE
Insert Proper Classification

OFFICE ▶	Classification		Operations	Deputy Manager
SURNAME ▶	HM		[Signature]	Wende
DATE ▶	9-26-59		9/25/59	SEP 25 1959

~~SECRET~~

Office Memorandum • UNITED STATES GOVERNMENT

TO : L. R. Michener, Classification Officer
Oak Ridge Operations Office

FROM : Milton F. Moore, Assistant to the Manager
for Classification, SAN

SUBJECT: REVISION TO SERAPH II CLASSIFICATION INDEX

SYMBOL: M:MCL

DATE: SEP 18 1959

Enclosed are three copies of revised Page 10 of the Seraph II Classification Index, COMD 68-59, dated January 30, 1959, for your use and for Y-12.

Please substitute the revised page in your index and destroy the old page in accordance with appropriate security regulations.

Enclosures:
Revised Page 10 -
SERAPH II Index (3 cys)

destroyed 9-29-59 me

1 copy HOC 9-25-59
1 copy C.A. Keller 9-25-59

When separated from Inclosures, handle this document as

UNCLASSIFIED

Mae
Prepare brief transmittal memo to holders requesting they substitute revised p. 10

9-22
me

~~_____~~
~~contains _____~~

Sec 27
Jan

~~SECRET~~

~~SECRET~~

O:QFH

Oak Ridge, Tennessee
November 2, 1960

Union Carbide Nuclear Company
Post Office Box P
Oak Ridge, Tennessee

Attention: Mr. C. E. Center, Vice President

Subject: REVISION OF BAMBOO GUIDANCE

Gentlemen:

Reference is made to our letter of June 3, 1960, with subject as above, concerning "Bamboo" classification as supplied by SAN.

Transmitted herewith are copies 82A thru 85A of COK-933, Change in "Bamboo" Guidance, and 4 copies of LRL memo K-1321, which indicates changes to be made in COK-645.

Very truly yours,

[Faint signature]
E. R. [unclear]

S. R. Sepiris
Manager
Oak Ridge Operations

San-21
SAN
~~CONFIDENTIAL~~
CONFIDENTIAL DATA

Enclosures:
COK-933 (82A thru 85A)
K-1321 (4 cys)

CC: C. A. Keller, w/86A COK-933
and 1 cy K-1321
F. P. Callaghan

When Separated From
Enclosures Handle This Document
OFFICIAL USE ONLY
AS
Insert Proper Classification

~~SECRET~~

	Classification	Production	Operations	
OFFICE ▶	Horton:JG			
SURNAME ▶	QH	Keller	[Signature]	Wade
DATE ▶	11-1-60	11-1-60	11/1/60 11/2/60	11-3-60

~~SECRET~~

Office Memorandum • UNITED STATES GOVERNMENT

TO : L. R. Michener, Classification Officer
Oak Ridge Operations Office

FROM : Milton F. Moore, Assistant to the Manager
for Classification, SAN

SUBJECT: BAMBOO

SYMBOL: MC:MCL

DATE: OCT 11 1960

The enclosed memorandum, COK-933, prepared by LRL, represents the current classification guidance relative to "BAMBOO" and rescinds COK-688 which our records reflect was transmitted to your office. LRL memoranda COK-757, K-1056 and K-1068 were not transmitted.

Also enclosed is LRL memorandum K-1321 which cites changes to be made in COK-645 copies of which also were transmitted to your office.

Enclosures:
COK-933, dtd 8/31/60
Cys 82-87/90A (SRD)

K-1321, dtd 9/13/60
6 Cys (U)

~~Document transmitted in inclosure~~

~~contains ~~SECRET~~ DATA~~

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~~SECRET~~

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