

Order number 940502-094911-RHUNT -001-001
page 1 set 11 with 115 of 115 items

Item 1

ACCESSION NUMBER 20501
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 27079
LANGUAGE CODE Eng
REPORT NUMBER Afswp-507
AUTHOR Borg, D C
Gibson, L D
Gibson, T A
CORPORATE AUTHOR CODE 0583492107
CORPORATE AUTHOR Armed Forces Special Weapons Project. Washington,
D. C.

TITLE CLASSIFICATION U
TITLE Radioactive Fallout Hazards From Surface Bursts
Of Very High Yield Nuclear Weapons (U)
CLASSIFICATION Srd
PAGINATION 50+p
SUBJECTS Fallout
Surface Nuclear Explosions - Fallout
Bravo - Fallout
53
CATEGORY CODE 02707942B;
ITEM CIRC NUMBERS 540501
ISSUE DATE 890928
DATE ADDED

Item 2

ACCESSION NUMBER 21009
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 27587
LANGUAGE CODE Eng
REPORT NUMBER Copb-4306
CORPORATE AUTHOR CODE 5908282557
CONFERENCE Operational Planning Work Session, 1958.
TITLE CLASSIFICATION U
TITLE Proceedings (U)
CLASSIFICATION Srd
PAGINATION 12P
SUBJECTS Conferences
Hardtack
ITEM CIRC NUMBERS 02758731A;
ISSUE DATE 580610
DATE ADDED 890928

Item 3

S
This information is classified "Secret" and is to be controlled in accordance with the provisions of Executive Order 11652, dated 12/15/54, and any subsequent orders.

S
This information is classified "Secret" and is to be controlled in accordance with the provisions of Executive Order 11652, dated 12/15/54, and any subsequent orders.



Item 5

22225
ACCESSION NUMBER
CAT
RECORD TYPE
28803
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE
Report-b-1843
REPORT NUMBER
2674621152
CORPORATE AUTHOR CODE
Edgerton, Germeshausen And Grier. Las Vegas, Nev.
CORPORATE AUTHOR
U
TITLE CLASSIFICATION
Alpha Calculations, Pine, Operation Hardtack,
Project 22.1 (U)
Srd Sigma 1 Awd
TITLE
80P
CLASSIFICATION
PAGINATION
SUBJECTS
Pine - Diagnostics
ITEM CIRC NUMBERS
02880302A;
ISSUE DATE
580802
DATE ADDED
890928

Item 6

22227
ACCESSION NUMBER
CAT
RECORD TYPE
28805
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE
Report-b-1841
REPORT NUMBER
2674621152
CORPORATE AUTHOR CODE
Edgerton, Germeshausen And Grier. Las Vegas, Nev.
CORPORATE AUTHOR
U
TITLE CLASSIFICATION
Alpha Calculations, Olive, Operation Hardtack,
Project 22.1 (U)
Srd Sigma 1 Awd
TITLE
95P
CLASSIFICATION
PAGINATION
SUBJECTS
Olive - Diagnostics
ITEM CIRC NUMBERS
02880502A;
ISSUE DATE
580726
DATE ADDED
890928

Item 7

23315
ACCESSION NUMBER
CAT
RECORD TYPE
29893
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE
At (29-2)-20
CONTRACT NUMBER
3712099998
CORPORATE AUTHOR CODE
Holmes And Narver. Los Angeles.
CORPORATE AUTHOR
U
TITLE CLASSIFICATION
Completion Report, Operation Castle (U)
TITLE

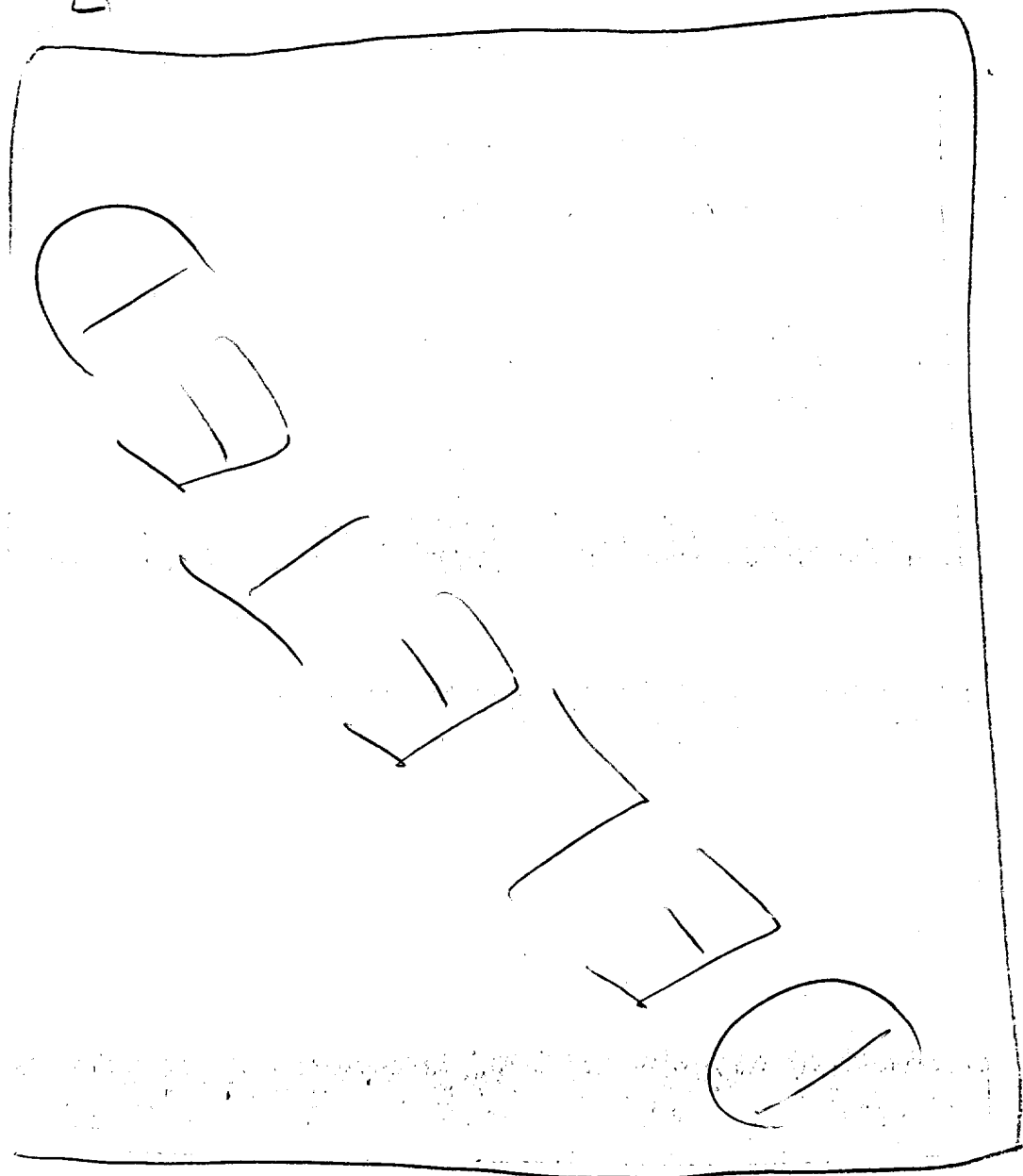


~~SECRET~~
This document contains data
1954
unauthorized

Order number 940502-094911-RHUNT -001-001
page 4 set 11 with 115 of 115 items

CLASSIFICATION Srd Sigma 2 Awd
PAGINATION 412P
SUBJECTS Castle
ITEM CIRC NUMBERS 02989315A;
ISSUE DATE 000000
DATE ADDED 890928

DDZ



~~SECRET~~
This document contains data
1954
unauthorized

Order number 940502-094911-RHUNT -001-001
page 7 set 11 with 115 of 115 items

RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 34407
LANGUAGE CODE Eng
REPORT NUMBER Jo-11 4179099998
CORPORATE AUTHOR CODE 4505899998
CORPORATE AUTHOR Joint Task Force Seven.
TITLE CLASSIFICATION U
TITLE Operation Castle, Report Of The Commander Task
Group 7.1 (U)
CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 140P
SUBJECTS Castle
ADDED - CORP NAME Los Alamos Scientific Laboratory. N. Mex.
ITEM CIRC NUMBERS 03440745B;
ISSUE DATE 540601
DATE ADDED 890928

Item 16

002

DELETED

Item 17-

002

DELETED

SECRET
DECLASSIFICATION AUTHORITY
DATE

DELETED

DOSE

Item 18

27862
ACCESSION NUMBER
CAT
RECORD TYPE 34451
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE At (29-2)-20
CONTRACT NUMBER 3712082596
CORPORATE AUTHOR CODE Holmes And Narver. Las Vegas, Nev.
CORPORATE AUTHOR
U
TITLE CLASSIFICATION Completion Report, Operation Redwing (U)
TITLE
CLASSIFICATION Sdi
PAGINATION 189P
SUBJECTS Redwing
ITEM CIRC NUMBERS 03445128A;
ISSUE DATE 000000
DATE ADDED 890928

Item 19

27876
ACCESSION NUMBER
CAT
RECORD TYPE 34465
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE J-22100
REPORT NUMBER 4179099998
CORPORATE AUTHOR CODE Joint Task Force Seven.
CORPORATE AUTHOR
U
TITLE CLASSIFICATION Operation Castle, Operation Plan 1-53 (U)
TITLE
CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 50+p
SUBJECTS Castle
ITEM CIRC NUMBERS 03446508A;
ISSUE DATE 531208
DATE ADDED 890928

[REDACTED]

Item 20

27877
ACCESSION NUMBER
CAT
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
34466
LANGUAGE CODE
Eng
REPORT NUMBER
J-21323
AUTHOR
Jones, D R
CORPORATE AUTHOR CODE
4179099998
CORPORATE AUTHOR
Joint Task Force Seven.
TITLE CLASSIFICATION
U
TITLE
Ono Book, Operation Castle, Appendix 1, Annex C,
Operation Plan 1-53 (U)
CLASSIFICATION
Srd Sigma 1 Awd
PAGINATION
112P
SUBJECTS
Castle
ITEM CIRC NUMBERS
03446624A;
ISSUE DATE
531001
DATE ADDED
890928

Item 21

27884
ACCESSION NUMBER
CAT
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
34473
LANGUAGE CODE
Eng
REPORT NUMBER
J3-430
CORPORATE AUTHOR CODE
4179099998
CORPORATE AUTHOR
Joint Task Force Seven.
TITLE CLASSIFICATION
U
TITLE
Operation Redwing, Operation Plan 1-56 (U)
CLASSIFICATION
Srd Sigma 1 Awd
PAGINATION
127P
SUBJECTS
Redwing
ITEM CIRC NUMBERS
03447312A;
ISSUE DATE
560125
DATE ADDED
890928

Item 22

27885
ACCESSION NUMBER
CAT
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
34474
LANGUAGE CODE
Eng
REPORT NUMBER
J-3-h-144
CORPORATE AUTHOR CODE
4179099998
CORPORATE AUTHOR
Joint Task Force Seven.
TITLE CLASSIFICATION
U
TITLE
Operation Hardtack, General Concept 1-57 (U)

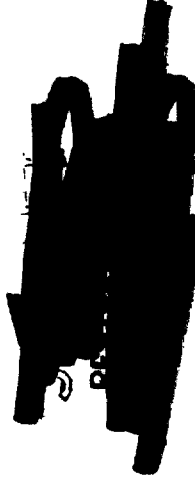
Order number 940502-094911-RHUNT -001-001
page 10 set 11 with 115 of 115 items

CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 44P
SUBJECTS Hardtack - Planning
ITEM CIRC NUMBERS 03447409A;
ISSUE DATE 570601
DATE ADDED 890928

Item 23

DELETED

DATE



Order number 940502-094911-RHUNT -001-001
page 11 set 11 with 115 of 115 items

DELETED

DD 5/8

[REDACTED]

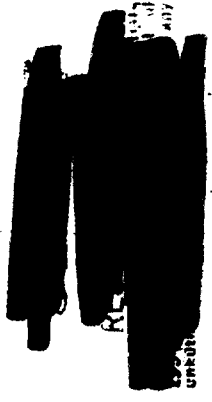
[REDACTED]

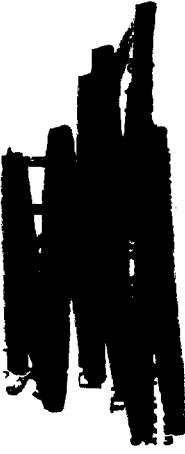
Order number 940502-094911-RHUNT -001-001
page 12 set 11 with 115 of 115 items



Doc

DELETED





DOZ

DELETED



The
48 of
1954
any
unauthorized person is prohibited.

DELETED

1954. Its dis...

RESTRICTED DATA
This document contains Restricted Data
as defined in the Executive Order of
1955 which prohibits the disclosure of
such information to unauthorized persons.

DELETED

D-5

28096
CAT
SER 34685
Eng
Itr-1643;Wt-1643
Jones, B D
Harris, A K
Townes, W D W
0632399998
Army Signal Research And Development Laboratory.
Fort Monmouth, N. J.
U
Effects Of Nuclear Detonations On The Ionosphere,
Operation Hardtack, Project 6.9 (itr Report Is
Considered Final, No Wt Will Be Issued) (U)
Cfrd-di
27P
Hardtack
Koa - Radiation Effects
Fir - Radiation Effects
High Altitude Nuclear Explosions - Radiation
Effects

RESTRICTED DATA
This document contains Restricted Data
as defined in the Executive Order of
1955 which prohibits the disclosure of
such information to unauthorized persons.

Ionosphere - Effects Of Radiation
Yucca - Radiation Effects
Butternut - Radiation Effects
03468524A;
580725
900125

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Item 37

ACCESSION NUMBER 28101
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 34690
LANGUAGE CODE Eng
REPORT NUMBER Itr-1658;Wt-1658
AUTHOR Mendenhall, C G
CORPORATE AUTHOR CODE 0583499998
CORPORATE AUTHOR Armed Forces Special Weapons Project. Field Command. Albuquerque.

TITLE CLASSIFICATION U
TITLE Shots Wahoo And Umbrella, Two Underwater Nuclear Test Detonations, Operation Hardtack, Project 9.4 (wt Report Not Issued) (U)

CLASSIFICATION Sfrd-di
PAGINATION 45P
SUBJECTS Hardtack
Umbrella
Wahop

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Underwater Nuclear Explosions - Blast Effects
Underwater Nuclear Explosions - Radiation Effects
03469030A;
590311
890928

Item 38

ACCESSION NUMBER 29037
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 35626
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng.-36
REPORT NUMBER Lams-2370
AUTHOR Browne, C I
CORPORATE AUTHOR CODE Cowan, G A
CORPORATE AUTHOR 4505899998
TITLE CLASSIFICATION Los Alamos Scientific Laboratory. N. Mex.
TITLE Semifinal Radiochemical Results On Hardtack Sequoia Event (U)
CLASSIFICATION Srd Sigma 2 Awd
PAGINATION 19P



Order number 940502-094911-RHUNT -001-001
page 17 set 11 with 115 of 115 items



DELETED

Item 41

DELETED

Item 42

29286
 ACCESSION NUMBER
 CAT
 RECORD TYPE 35875
 DOCUMENT'S ACCESSION NUMBER
 Eng
 LANGUAGE CODE W-7405-eng.-36
 CONTRACT NUMBER Lams-2843
 REPORT NUMBER
 AUTHOR Malik, J
 4505899998
 CORPORATE AUTHOR CODE
 CORPORATE AUTHOR Los Alamos Scientific Laboratory. N. Mex.
 U
 TITLE CLASSIFICATION
 TITLE Reanalysis Of Selected Alpha Data From Operations
 Of 1956 Through 1958 (U)
 Srd Sigma I Awd
 218P
 CLASSIFICATION Alpha Measurements
 PAGINATION Tsetse
 SUBJECTS Hardtack - Diagnostics
 Hardtack Phase 2 - Diagnostics
 Plumbbob - Diagnostics
 03587504A;
 630101
 890928
 ITEM CIRC NUMBERS
 ISSUE DATE
 DATE ADDED

Item 43

parts of unauthorized person is prohibited.

195
195

Order number 940502-094911-RHUNT -001-001
page 19 set 11 with 115 of 115 items

ACCESSION NUMBER 29438
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 36027
LANGUAGE CODE Eng
REPORT NUMBER Cwlr-2385
AUTHOR Smith, R J
CORPORATE AUTHOR CODE 0611550509
CORPORATE AUTHOR Army Chemical Warfare Laboratories. Army Chemical Center. Md.

TITLE CLASSIFICATION U
TITLE Alpha Contamination Studies At Operations
Plumbbob And Hardtack (U)
CLASSIFICATION Srd Sigma 2 Awd
PAGINATION 33P
SUBJECTS Quince
Hamilton
Alpha Particles - Measurements
One Point Detonations - Fallout
Fifty Seven Project
036027153;
600501
890928

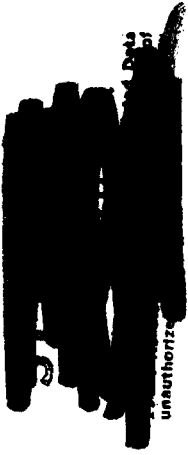
Item 44

ACCESSION NUMBER 30614
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 37204
LANGUAGE CODE Eng
REPORT NUMBER Nbs-report-3Cb102
AUTHOR Taylor, W L
CORPORATE AUTHOR CODE 5134000057
CORPORATE AUTHOR National Bureau Of Standards. Boulder Laboratories. Boulder, Colo.

TITLE CLASSIFICATION U
TITLE Redwing Waveforms And Spectra (U)
CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 147P
SUBJECTS Redwing - Electromagnetic Waves
Electromagnetic Waves - Measurements
Nuclear Explosions - Electromagnetic Waves
037204028;
570310
890928

Item 45

ACCESSION NUMBER 30616
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 37206



LANGUAGE CODE
REPORT NUMBER
AUTHOR

Eng
Ndl-tr-39
Richardson, F D
Bloore, E W
Behringer, J W

CORPORATE AUTHOR CODE
CORPORATE AUTHOR

0619399208
Army. Nuclear Defense Laboratory. Edgewood
Arsenal, Md.

TITLE CLASSIFICATION
TITLE

U
Particle Studies Of Fallout From A Very Low Yield
Weapon, Operation Hardtack (U)

CLASSIFICATION
PAGINATION
SUBJECTS

Cdi
8P
Fig - Fallout
Buster Jangle - Fallout
Fallout - Analysis

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

037206003;
621001
900125

Item 46

ACCESSION NUMBER
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
LANGUAGE CODE
REPORT NUMBER
AUTHOR

31437
CAT
38027
Eng
Wt-952
Biggers, W A
Brown, L J
Kohr, K C

CORPORATE AUTHOR CODE
CORPORATE AUTHOR
TITLE CLASSIFICATION
TITLE

4505899998
Los Alamos Scientific Laboratory. N. Mex.
U
External Neutron Measurements, Operation Castle,
Project 14.1 (U)

CLASSIFICATION
PAGINATION
SUBJECTS

Srd
50P
Castle
Neutron Flux - Measurements
Radiation Detectors

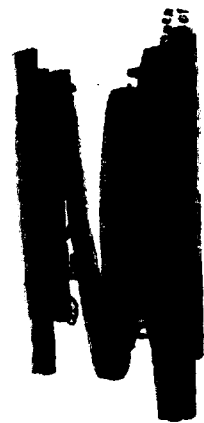
ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

03802794B;
551001
890928

Item 47

ACCESSION NUMBER
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER

31442
CAT
38032



Order number 940502-094911-RHUNT -001-001
page 21 set 11 with 115 of 115 items

LANGUAGE CODE Eng
REPORT NUMBER Wt-942
AUTHOR Servis, J D
CORPORATE AUTHOR CODE 4505899998
CORPORATE AUTHOR Los Alamos Scientific Laboratory. N. Mex.
TITLE CLASSIFICATION U
CLASSIFICATION Radiological Safety, Operation Castle (U)
PAGINATION Srd Sigma 3 Awd
SUBJECTS 72P
Castle - Safety
Fallout - Atolls
Dosimetry
03803295A;
540801
890928

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Item 48

ACCESSION NUMBER 31444
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 38034
LANGUAGE CODE Eng
REPORT NUMBER Wt-940
CORPORATE AUTHOR CODE 4505899998
CORPORATE AUTHOR Los Alamos Scientific Laboratory. N. Mex.
TITLE CLASSIFICATION U
TITLE Report Of Commander, Task Group 7.1, Operation Castle (U)
CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 83P
SUBJECTS Castle
ITEM CIRC NUMBERS 03803444A;
ISSUE DATE 540601
DATE ADDED 890928

Item 49

ACCESSION NUMBER 31445
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 38035
LANGUAGE CODE Eng
REPORT NUMBER Wt-939
AUTHOR Sondhaus, C A
CORPORATE AUTHOR CODE Bond, V P
CORPORATE AUTHOR 5339499998
Navy. Naval Radiological Defense Laboratory. San Francisco.
TITLE CLASSIFICATION U
TITLE Physical Factors And Dosimetry In The Marshall Island Radiation Exposures, Operation Castle,

Order number 940502-094911-RHUNT -001-001
page 22 set 11 with 115 of 115 items

Addendum Report For Project 4.1 (U)

CLASSIFICATION
PAGINATION
SUBJECTS

Cdi

46P

Castle

Fallout - Marshall Islands

Gamma Rays - Dosimetry

038035001;

551201

900124

ITEM CIRC NUMBERS

ISSUE DATE

DATE ADDED

Item 50

ACCESSION NUMBER

RECORD TYPE

DOCUMENT'S ACCESSION NUMBER

LANGUAGE CODE

REPORT NUMBER

CORPORATE AUTHOR CODE

CORPORATE AUTHOR

31450

CAT

38040

Eng

Wt-934

0583499998

Armed Forces Special Weapons Project. Field

Command. Albuquerque.

U

Summary Report Of The Commander, Task Unit 13,

Operation Castle (U)

Srd

121P

Castle

Nuclear Explosions - Blast Effects

Nuclear Explosions - Radiation Effects

Nuclear Explosions - Thermal Effects

03804027A;

590130

890928

ITEM CIRC NUMBERS

ISSUE DATE

DATE ADDED

Item 51

ACCESSION NUMBER

RECORD TYPE

DOCUMENT'S ACCESSION NUMBER

LANGUAGE CODE

REPORT NUMBER

AUTHOR

CORPORATE AUTHOR CODE

CORPORATE AUTHOR

31456

CAT

38046

Eng

Wt-927

Molumphy, G G

Bigger, M M

5339499998

Navv. Naval Radiological Defense Laboratory. San

Francisco.

U

Proof Testing Of Atomic Weapons Ship

Countermeasures, Operation Castle, Project 6.4

(U)

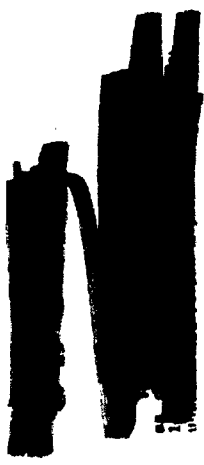
Cdi

ITEM CIRC NUMBERS

ISSUE DATE

DATE ADDED

CLASSIFICATION



Order number 940502-094911-RHUNT -001-001
page 23 set 11 with 115 of 115 items

PAGINATION
SUBJECTS

464P
Castle
Warships - Decontamination
Aircraft - Decontamination

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

03804611A;
571025
900124

Item 52

ACCESSION NUMBER
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
LANGUAGE CODE
REPORT NUMBER
AUTHOR

31466
CAT
38056
Eng
Wt-917
Tompkins, E R
Weiner, L B
533949998
Navy. Naval Radiological Defense Laboratory. San
Francisco.

CORPORATE AUTHOR CODE
CORPORATE AUTHOR

TITLE CLASSIFICATION
TITLE

U
Chemical, Physical, And Radiochemical
Characteristics Of The Contaminant, Operation
Castle, Project 2.6A (U)

CLASSIFICATION
PAGINATION
SUBJECTS

Sid Sigma 3 Awd
154P

Item 53

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Castle
Nuclear Weapon Debris - Radiochemistry
03805625A;
550901
890928

ACCESSION NUMBER
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
LANGUAGE CODE
REPORT NUMBER
AUTHOR

31467
CAT
38057
Eng
Wt-916
Wilsey, E F
French, R J
West, H I

CORPORATE AUTHOR CODE
CORPORATE AUTHOR

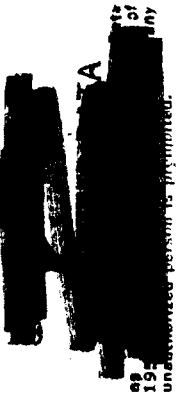
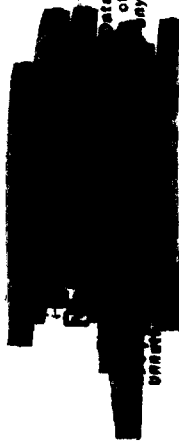
0611550509
Army Chemical Warfare Laboratories. Army Chemical
Center. Md.

TITLE CLASSIFICATION
TITLE

U
Fallout Studies, Operation Castle, Project 2.5B
(U)

CLASSIFICATION
PAGINATION

Sid Sigma 3 Awd
136P



Order number 940502-094911-RHUNT -001-001
page 24 set 11 with 115 of 115 items

SUBJECTS
ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Castle - Fallout
03805797A;
560201
890928

Item 54

ACCESSION NUMBER
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
LANGUAGE CODE
REPORT NUMBER
AUTHOR

31624
CAT
38214
Eng
Wt-1361
Storm, E
Goodwin, L
Distenfeld, C
4505899998
Los Alamos Scientific Laboratory. N. Mex.
U

CORPORATE AUTHOR CODE
CORPORATE AUTHOR
TITLE CLASSIFICATION

Gamma Radiation As A Function Of Distance,
Operation Redwing, Project 13.4 (U)

PAGINATION
SUBJECTS

Sid Sigma 3 Awd
28P
Redwing

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Navaho - Gamma Emission
Gamma Rays - Measurements
03821479B;
561001
890928

Item 55

ACCESSION NUMBER
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
LANGUAGE CODE
REPORT NUMBER
CORPORATE AUTHOR CODE
CORPORATE AUTHOR
TITLE CLASSIFICATION

31625
CAT
38215
Eng
Wt-1359
4505899998
Los Alamos Scientific Laboratory. N. Mex.
U
Report Of The Commander, Task Group 7.1,
Operation Redwing (U)

CLASSIFICATION
PAGINATION
SUBJECTS
ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Sid Sigma 1 Awd
163P
Redwing
03821553B;
560801
890928

Item 56

Order number 940502-094911-RHUNT -001-001
page 25 set 11 with 115 of 115 items

195
unauthorized person is prohibited.

ACCESSION NUMBER 31635
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 38225
LANGUAGE CODE Eng
REPORT NUMBER Wt-1344
CORPORATE AUTHOR CODE 2297499998
CORPORATE AUTHOR Defense Atomic Support Agency. Field Command.
Albuquerque.

TITLE CLASSIFICATION U
TITLE Technical Summary Of Military Effects, Programs
1-9, Operation Redwing (U)

CLASSIFICATION
PAGINATION Srd Sigma 1 Awd
SUBJECTS 275P
Redwing
Blast Waves - Measurements
Blast Effects - Measurements
Radiation Effects - Measurements
Thermal Radiation - Measurements
Electromagnetic Waves - Measurements
03822546A;
610425
890928

Item 57

ACCESSION NUMBER 31636
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 38226
LANGUAGE CODE Eng
REPORT NUMBER Wt-1342
AUTHOR Zirkind, R
CORPORATE AUTHOR CODE 5322852880
5322899998
CORPORATE AUTHOR Navy. Bureau Of Aeronautics. Washington, D. C.
U
TITLE CLASSIFICATION U
TITLE Airborne High Resolution Spectral Analysis,
Operation Redwing, Project 8.5 (U)

CLASSIFICATION
CATNOTES Srd Sigma Varies Awd
SUBJECTS 2V
Redwing
Fireballs - Spectra
Erie - Thermal Radiation
Zuni - Spectra
Lacrosse (nuclear Explosion) - Thermal Radiation
Flathead - Thermal Radiation
Navy. Bureau Of Naval Weapons. Washington, D. C.
03822678A;038226018;
600000
890928

ADDED - CORP NAME
ITEM CJRC NUMBERS
ISSUE DATE
DATE ADDED



Order number 940502-094911-RHUNT -001-001
page 26 set II with 115 of 115 items

Item 58

ACCESSION NUMBER
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
LANGUAGE CODE
REPORT NUMBER
AUTHOR

31661
CAT
38251
Eng
Wt-1317
Triffet, T

CORPORATE AUTHOR CODE
CORPORATE AUTHOR

La Riviere, P D
5339499998
Navy. Naval Radiological Defense Laboratory. San
Francisco.

TITLE CLASSIFICATION
TITLE

U
Characterization Of Fallout, Operation Redwing,
Project 2.63 (U)

CLASSIFICATION
PAGINATION

Srd Sigma 1 Awd
310P

SUBJECTS
ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Redwing - Fallout
03825193A;
610315
890928

Item 59

ACCESSION NUMBER
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
LANGUAGE CODE
REPORT NUMBER
AUTHOR

31667
CAT
38257
Eng
Wt-1311
Brown, P
Carp, G

CORPORATE AUTHOR CODE
CORPORATE AUTHOR

Markow, B
0632399998
Army Signal Research And Development Laboratory.
Fort Monmouth, N. J.

TITLE CLASSIFICATION
TITLE

U
Gamma Exposure Rate Versus Time, Operation
Redwing, Project 2.2 (U)

CLASSIFICATION
PAGINATION
SUBJECTS

Sfrd-di
57P
Nuclear Explosions - Gamma Emission
Redwing - Fallout
Fallout - Distribution

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Gamma Rays - Measurements
03825798A;
600118
890928

~~CLASSIFICATION~~
~~BY~~

~~This document is defined as unclassified on 12/15/54~~

~~SECRET~~
~~REF ID: A66118~~

SECRET

RESTRICTED DATA

This document contains information the disclosure of which is unauthorized.

Item 60

ACCESSION NUMBER 31668
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 38258
LANGUAGE CODE Eng
REPORT NUMBER Wt-1310
AUTHOR Brown, P
Larrick, R G
Johnson, O E
CORPORATE AUTHOR CODE 0624293799
CORPORATE AUTHOR Army Signal Engineering Laboratories. Fort Monmouth, N. J.
TITLE CLASSIFICATION U
TITLE Gamma Exposure Versus Distance, Operation Redwing, Project 2.1 (U)

CLASSIFICATION Srd
PAGINATION 52P
SUBJECTS Redwing - Radiation Effects
Nuclear Explosions - Gamma Emission
Gamma Rays - Measurements
ITEM CIRC NUMBERS 03825855A;
ISSUE DATE 600229
DATE ADDED 890928

Item 61

ACCESSION NUMBER 31875
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 38465
LANGUAGE CODE Eng
REPORT NUMBER Wt-1616
AUTHOR Porzel, F B
Dickens, R G
Bard, W E
CORPORATE AUTHOR CODE 3786899998
CORPORATE AUTHOR Illinois Institute Of Technology. Armour Research Foundation. Chicago.

TITLE CLASSIFICATION U
TITLE Yield And Energy Partition Of Underwater Bursts, Operation Hardtack, Project 1.11 (U)
CLASSIFICATION Cfrd-di Sigma 3 Awd
PAGINATION 84P
SUBJECTS Wahoo - Yields
Umbrella - Yields
Wahoo - Hydrodynamics
Umbrella - Hydrodynamics
Hardtack
ITEM CIRC NUMBERS 03846531A;

RESTRICTED DATA

This document contains information the disclosure of which is unauthorized.

SECRET

Order number 940502-094911-RHUNT -001-001
page 28 set 11 with 115 of 115 items

ISSUE DATE 610623
DATE ADDED 900124

Item 62

ACCESSION NUMBER 31998
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 38588
LANGUAGE CODE Eng
REPORT NUMBER Wt-1682
CORPORATE AUTHOR CODE 4179099998
CORPORATE AUTHOR Joint Task Force Seven.
TITLE CLASSIFICATION U
TITLE Report Of The Commander, Task Group 7.1,
Operation Hardtack (U)
CLASSIFICATION Sid Sigma 1 Awd
PAGINATION 131P
SUBJECTS Hardtack
ITEM CIRC NUMBERS 03858851A;
ISSUE DATE 580801
DATE ADDED 890928

Item 63

ACCESSION NUMBER 32910
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 39503
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng-36
REPORT NUMBER Tad-2043
CORPORATE AUTHOR CODE 4505899998
CORPORATE AUTHOR Los Alamos Scientific Laboratory. N. Mex.
TITLE CLASSIFICATION U
TITLE Summary Of Yields, Trinity Through Redwing (U)
CLASSIFICATION Sid Sigma 1 Awd
PAGINATION 5P
SUBJECTS Crossroads
Greenhouse - Yields
Sandstone (nuclear Explosions)
Ranger (nuclear Explosions) - Yields
Buster Jangle - Yields
Tumbler Snapper - Yields
IVY - Yields
Castle - Yields
Teapot - Yields
Upshot Knothole - Yields
Redwing - Yields
Trinity - Yields
03950301F;
561105

ITEM CIRC NUMBERS
ISSUE DATE

RESTRICTED DATA
This information is defined as Restricted Data as of 1954 in accordance with Executive Order 11652

SECRET

RESTRICTED DATA
This information is defined as Restricted Data as of 1954 in accordance with Executive Order 11652

Order number 940502-094911-RHUNT -001-001
page 29 set 11 with 115 of 115 items

DATE ADDED 890929

Item 64

ACCESSION NUMBER 33329
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 39922
LANGUAGE CODE Eng
REPORT NUMBER Srd-504-54W
AUTHOR Bechanan, H G
CORPORATE AUTHOR CODE Jones, C O
CORPORATE AUTHOR 4179099998
TITLE CLASSIFICATION Joint Task Force Seven.
U
TITLE History Of Operation Castle 1952-1954 (U)
CLASSIFICATION Srd
PAGINATION 227P
SUBJECTS Castle
ITEM CIRC NUMBERS 03992232A;
ISSUE DATE 000000
DATE ADDED 890929

Item 65

ACCESSION NUMBER 33746
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 40340
LANGUAGE CODE Eng
REPORT NUMBER Usnrdl-tr-220-223
AUTHOR Miller, C F
CORPORATE AUTHOR CODE 5339499998
CORPORATE AUTHOR Navy. Naval Radiological Defense Laboratory. San Francisco.
U
TITLE CLASSIFICATION Analysis Of Fallout Data (U)
TITLE Srd Sigma Varies Awd
CLASSIFICATION 4V
CATNOTES Buster Jangle - Fallout
SUBJECTS Bravo - Fallout
Romeo - Fallout
Koon - Fallout
Fallout - Analysis
Fallout - Distribution
ITEM CIRC NUMBERS 040340114;900021535;900021536;900021537;
ISSUE DATE 580000
DATE ADDED 890929

Item 66

ACCESSION NUMBER 33751

RESTRICTED
This document contains data of a classified nature. It is to be controlled, stored, handled, transmitted, and disposed of in accordance with the instructions of the originating agency.

RESTRICTED
This document contains data of a classified nature. It is to be controlled, stored, handled, transmitted, and disposed of in accordance with the instructions of the originating agency.

Order number 940502-094911-RHUNT -001-001
page 30 set 11 with 115 of 115 items

RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 40345
LANGUAGE CODE Eng
REPORT NUMBER Usnrdl-tr-383;Afswp-902
AUTHOR Hillendahl, R W
CORPORATE AUTHOR CODE 5339499998
CORPORATE AUTHOR Navy, Naval Radiological Defense Laboratory. San Francisco.

TITLE CLASSIFICATION U
TITLE Characteristics Of The Thermal Radiation From Nuclear Detonations (U)

CLASSIFICATION Srd Sigma 1 Awd
CATNOTES 2V
SUBJECTS Redwing - Thermal Radiation
Upshot Knothole - Thermal Radiation
Castle - Thermal Radiation
Teapot - Thermal Radiation
Plumbbob - Thermal Radiation
Hardtack - Thermal Radiation
Thermal Radiation - Measurements
Calorimetry - Instrumentation
Radiometers
King - Thermal Radiation
Yucca - Photography
Orange - Photography
040345200;900021538;
590630
890929

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Item 67

ACCESSION NUMBER 43083
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 49678
LANGUAGE CODE Eng
REPORT NUMBER Wt-947
AUTHOR Andrews, T J
Seacord, D F
Snyder, E G
4505899998
Los Alamos Scientific Laboratory. N. Mex.
CORPORATE AUTHOR CODE U
CORPORATE AUTHOR Total Hydrodynamic Yield, Operation Castle,
TITLE CLASSIFICATION Pacific Proving Grounds, March-may 1954 (U)
TITLE
CLASSIFICATION Srd
PAGINATION 45P
SUBJECTS Castle - Yields
Nuclear Explosions - Yields
ITEM CIRC NUMBERS 04967847A;
ISSUE DATE 541101

RESTRICTED DATA

CLASSIFICATION
1954
unauthor

RESTRICTED DATA

1954

Order number 940502-094911-RHUNT -001-001
page 31 set 11 with 115 of 115 items

DATE ADDED 890929

Item 68

ACCESSION NUMBER 43874
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 50469
LANGUAGE CODE Eng
CONTRACT NUMBER At(45-1)540
REPORT NUMBER Uwfl-58
AUTHOR Palumbo, R F
Lowman, F G
Welander, A D
7751899998
Washington. University. Seattle.
U
Distribution Of Radioactivity In Sea Water And
Marine Organisms Following An Underwater Nuclear
Detonation At Eniwetok Test Site In 1958 (U)
Srd Sigma 3 Awd
47P
Wahoo - Radioactivity
Underwater Nuclear Explosions - Radioactivity
Water - Contamination
050469001;
590206
890929

CORPORATE AUTHOR CODE
CORPORATE AUTHOR
TITLE CLASSIFICATION
TITLE

CLASSIFICATION
PAGINATION
SUBJECTS

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Item 69

ACCESSION NUMBER 43883
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 50478
LANGUAGE CODE Eng
REPORT NUMBER Dasa-1251;Ndl-tr-34;Ndl-63-srd-362
Morgenthau, M
Meieran, H B
Showers, R L
0619399208
Army. Nuclear Defense Laboratory. Edgewood
Arsenal, Md.
U
Local Fallout From Nuclear Test Detonations.
Volume II, Compilation Of Fallout Patterns And
Related Test Data. Part 1, Trinity Through
Redwing (U)
Srd Sigma 1 Awd
479P
Fallout
Trinity - Fallout

CORPORATE AUTHOR CODE
CORPORATE AUTHOR

TITLE CLASSIFICATION
TITLE

CLASSIFICATION
PAGINATION
SUBJECTS

RES
unauthor

RES
unauthor

Order number 940502-094911-RHUNT -001-001
page 32 set 11 with 115 of 115 items

Crossroads - Fallout
Greenhouse - Fallout
Buster Jangle - Fallout
Tumbler Snapper - Fallout
Ivy - Fallout
Upshot Knothole - Fallout
Castle - Fallout
Teapot - Fallout
Wigwam - Fallout
Redwing - Fallout
Ranger (nuclear Explosions) - Fallout
Sandstone (nuclear Explosions) - Fallout
050478010;050478011;
630801
890929

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Item 70

ACCESSION NUMBER
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
LANGUAGE CODE
REPORT NUMBER
AUTHOR

43884
CAT
50479
Eng
Dasa-1251;Ndl-tr-34;Ndl-63-srd-362
Morgenthau, M
Meieran, H B
Showers, R I
0619399208

CORPORATE AUTHOR CODE
CORPORATE AUTHOR

Army. Nuclear Defense Laboratory. Edgewood
Arsenal, Md.

TITLE CLASSIFICATION
TITLE

U
Local Fallout From Nuclear Test Detonations.
Volume II, Compilation Of Fallout Patterns And
Related Test Data. Part 2, Plumbbob Through
Hardtack (U)

CLASSIFICATION
PAGINATION
SUBJECTS

Srd Sigma 1 Awd
456P
Fallout
Trinity - Fallout
Crossroads - Fallout
Greenhouse - Fallout
Buster Jangle - Fallout
Tumbler Snapper - Fallout
Ivy - Fallout
Upshot Knothole - Fallout
Castle - Fallout
Teapot - Fallout
Wigwam - Fallout
Redwing - Fallout
Ranger (nuclear Explosions) - Fallout
Sandstone (nuclear Explosions) - Fallout

[REDACTED]

[REDACTED]

Order number 940502-094911-RHUNT -001-001
page 33 set 11 with 115 of 115 items

ITEM CIRC NUMBERS 050479010;050479011;
ISSUE DATE 630801
DATE ADDED 890929

Item 71

ACCESSION NUMBER 45569
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 52164
LANGUAGE CODE Eng
REPORT NUMBER Memorandum-tm-1855
AUTHOR Greenfield, S M
CORPORATE AUTHOR CODE Rapp, R R
CORPORATE AUTHOR 6425199998
TITLE CLASSIFICATION Rand Corporation. Santa Monica, Calif.
TITLE U
Fallout Computations And Castle Bravo, A Case
CLASSIFICATION Study (U)
PAGINATION Srd Sigma 3 Awd
SUBJECTS 7IP
Bravo
Fallout - Models
Surface Nuclear Explosions - Fallout

ITEM CIRC NUMBERS 052164137;
ISSUE DATE 570116
DATE ADDED 890929

Item 72

DELETED

Item 73

[REDACTED]

[REDACTED]

DBS

Order number 940502-094911-RHUNT -001-001
page 34 set 11 with 115 of 115 items

ACCESSION NUMBER 48948
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 55543
LANGUAGE CODE Eng
CONTRACT NUMBER Dasa-01-c-0117
REPORT NUMBER Dna-1900F-v;Dasa-1900-v;Tlw-5487;Tb-71-334
AUTHOR Nathans, M W
CORPORATE AUTHOR CODE Weiner, D
CORPORATE AUTHOR 7348999998
TITLE CLASSIFICATION U
TITLE Continuation Of Studies Of Fallout And Nuclear
Clouds From Near-surface Bursts (final Report -
4/70-7/71) (U)

CLASSIFICATION Srd
PAGINATION 132P
SUBJECTS Plumbbob
Redwing
Atomic Clouds - Fallout
Fallout - Distribution
CATEGORY CODE 53
ITEM CIRC NUMBERS 05554361A;05554362A;
ISSUE DATE 711101
DATE ADDED 890929

Item 74

ACCESSION NUMBER 56378
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 63543
LANGUAGE CODE Eng
CONTRACT NUMBER At(29-1)-1183
REPORT NUMBER Egg-1183-5038;Lad-7676
AUTHOR Cobb, D D
Mitchell, C K
CORPORATE AUTHOR CODE 2674621191
CORPORATE AUTHOR Edgerton, Germeshausen And Grier. Los Alamos, N.
Mex.

TITLE CLASSIFICATION U
TITLE Operation Redwing, Spectrographic Observations Of
Dakota (0 - 10 Mu-sec) (U)
CLASSIFICATION Srd
PAGINATION 102P
SUBJECTS Dakota.
Fireballs
Nuclear Explosions - Thermal Radiation
Spectrochemical Analysis
CATEGORY CODE 53
ITEM CIRC NUMBERS 06354358A;
ISSUE DATE 740601

[REDACTED]

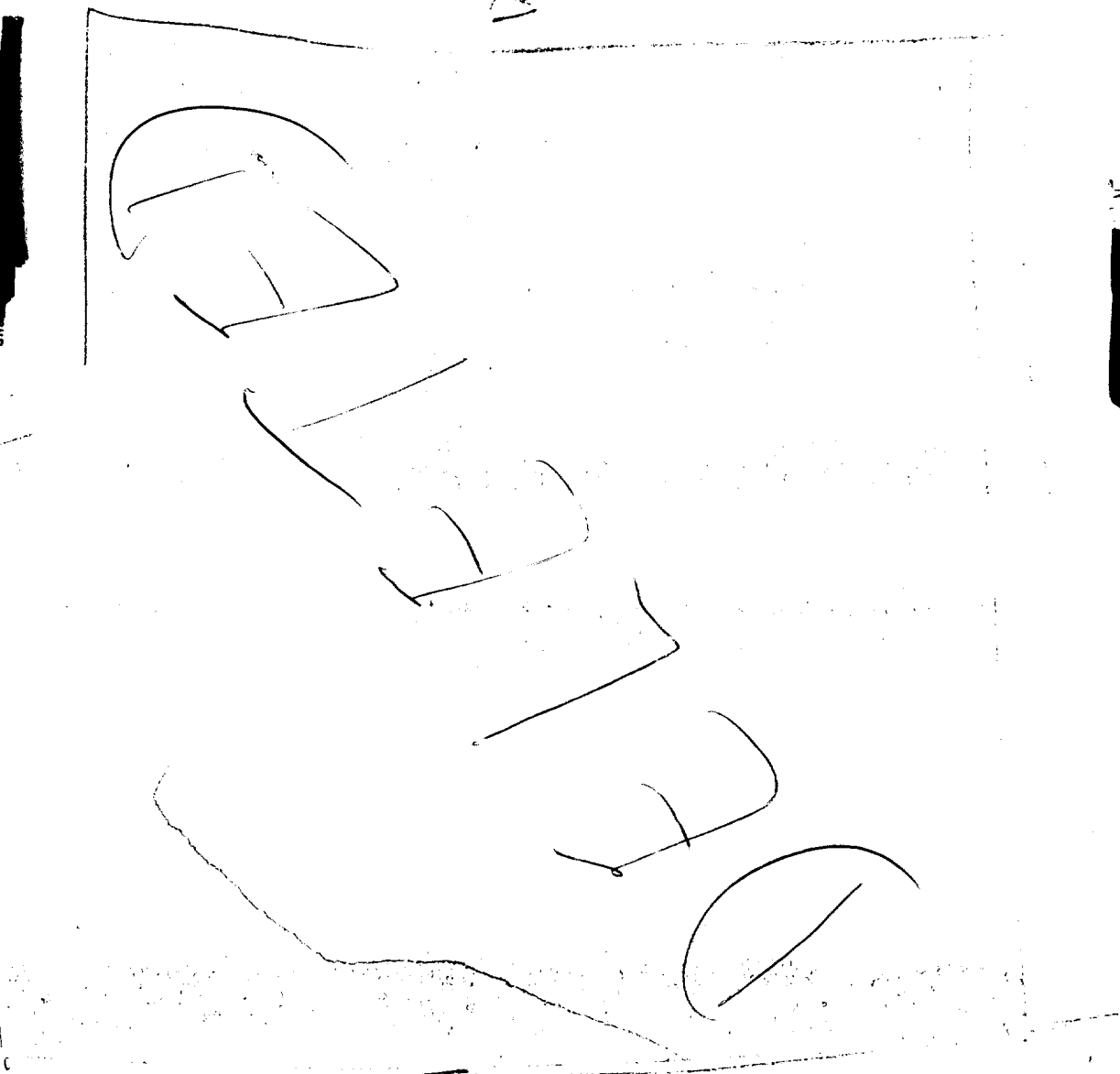
Order number 940502-094911-RHUNT -001-001
page 35 set 11 with 115 of 115 items

890929

DATE ADDED

Item 75

~~XXXXXXXXXX~~
~~XXXXXXXXXX~~
~~XXXXXXXXXX~~
RESID
19
un



001

Page

~~XXXXXXXXXX~~
~~XXXXXXXXXX~~
~~XXXXXXXXXX~~

CONFIDENTIAL

DELETED

000

Item 78

ACCESSION NUMBER 65544
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 73938
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng-48
REPORT NUMBER Ucl-4032
AUTHOR Bell, James W
CORPORATE AUTHOR CODE 4385450033
CORPORATE AUTHOR Lawrence Radiation Laboratory. Livermore.
TITLE CLASSIFICATION U
TITLE Castle Diagnostic Measurements Program, Ganex
Equipment (U)
Srd Sigma I Awd
CLASSIFICATION 16P
PAGINATION Ganex
SUBJECTS Castle - Diagnostics
ITEM CIRC NUMBERS 07393809A;07393810A;
ISSUE DATE 521125
DATE ADDED 890929

Item 79

000

CONFIDENTIAL

[REDACTED]

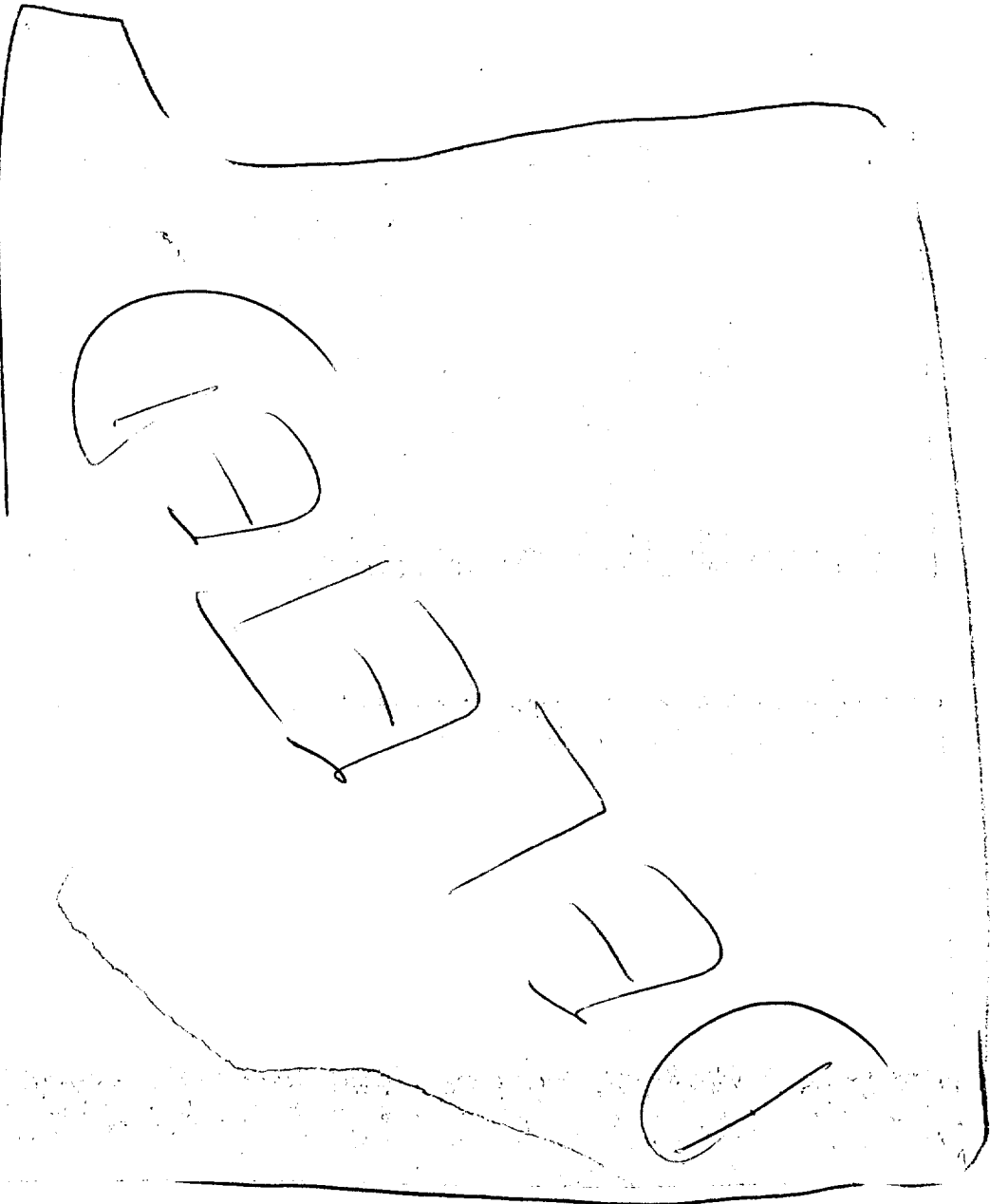
[REDACTED]

DOZ

DOZ

Item 81

DOCS



SECRET

[REDACTED]

[REDACTED]

DELETED

Item 83

65738
ACCESSION NUMBER
CAT
RECORD TYPE
74132
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE
W-7405-eng-48
CONTRACT NUMBER
Ucrl-4260
REPORT NUMBER
Spies, R
AUTHOR
4385450033
CORPORATE AUTHOR CODE
Lawrence Radiation Laboratory. Livermore.
CORPORATE AUTHOR
U
TITLE CLASSIFICATION
Description Of The Castle Diagnostic Detectors
TITLE
(U)
CLASSIFICATION
Sdi
PAGINATION
4P
SUBJECTS
Castle - Diagnostics
Photomultiplier Tubes
Scintillation Detectors
Diagnostic Experiments - Instrumentation
074132001;
ITEM CIRC NUMBERS
530104
ISSUE DATE
890929
DATE ADDED

Item 84

65742
ACCESSION NUMBER
CAT
RECORD TYPE
74136
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE
W-7405-eng-48
CONTRACT NUMBER
Ucrl-4265
REPORT NUMBER
Owren, Harvey M
AUTHOR
4385450033
CORPORATE AUTHOR CODE
Lawrence Radiation Laboratory. Livermore.
CORPORATE AUTHOR
U
TITLE CLASSIFICATION
Castle Electronic Diagnostic Preoperational
Report. Volume 1C, Bravo Electronic Installations
TITLE
(U)
CLASSIFICATION
Crd
PAGINATION
213P
SUBJECTS
Castle - Diagnostics



Order number 940502-094911-RHUNT -001-001
page 40 set 11 with 115 of 115 items

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Bravo - Diagnostics
Diagnostic Experiments - Instrumentation
074136001;
531201
900111

Item 85

ACCESSION NUMBER 65763
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 74157
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng-48
REPORT NUMBER Ucl-4245
AUTHOR Easterday, Harry T
CORPORATE AUTHOR CODE 4385450033
CORPORATE AUTHOR Lawrence Radiation Laboratory. Livermore.
TITLE CLASSIFICATION U
TITLE Castle Electronic Diagnostic Preoperational
Report. Volume 5, Detectors (U)
CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 77P
SUBJECTS Castle - Diagnostics
Radiation Detectors
Scintillation Detectors
Tenex
Ganex
ITEM CIRC NUMBERS 07415701A;07415703A;07415706A;
ISSUE DATE 531201
DATE ADDED 890929

Item 86

DELETED

RESTRICTED

DELETED

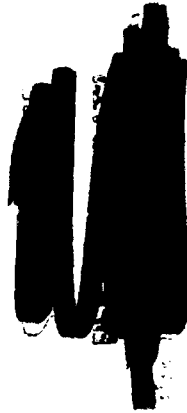
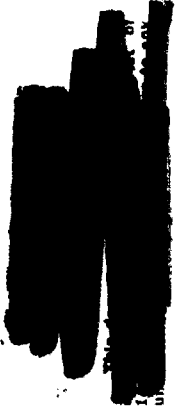
Item 87

ACCESSION NUMBER 65903
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 74297
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng-48
REPORT NUMBER Ucl-4327
AUTHOR Morrison, Rod
CORPORATE AUTHOR CODE 4385450033
CORPORATE AUTHOR Lawrence Radiation Laboratory. Livermore.
TITLE CLASSIFICATION U
TITLE Field Report, Ppg Diagnostics, Site Charlie (U)
CLASSIFICATION Srd Sigma 3 Awd
PAGINATION 10P
SUBJECTS Ganex
Tenex
Castle - Diagnostics
ITEM CIRC NUMBERS 07429705A;07429706A;07429707A;
ISSUE DATE 540317
DATE ADDED 890929

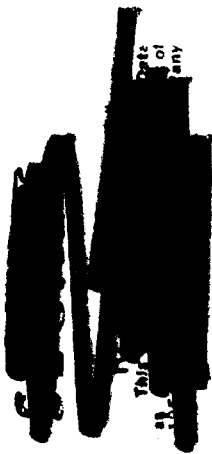
Item 88

ACCESSION NUMBER 65997
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 74391
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng-48
REPORT NUMBER Ucl-4274
AUTHOR Ross, W N
CORPORATE AUTHOR CODE 4385450033
CORPORATE AUTHOR Lawrence Radiation Laboratory. Livermore.
TITLE CLASSIFICATION U
TITLE Mechanical Engineering Report, January 1-9, 1954
(U)
CLASSIFICATION Cdi
PAGINATION 2P
SUBJECTS Castle - Diagnostics
ITEM CIRC NUMBERS 07439101B;07439102B;07439103B;
ISSUE DATE 540111
DATE ADDED 900111

Item 89

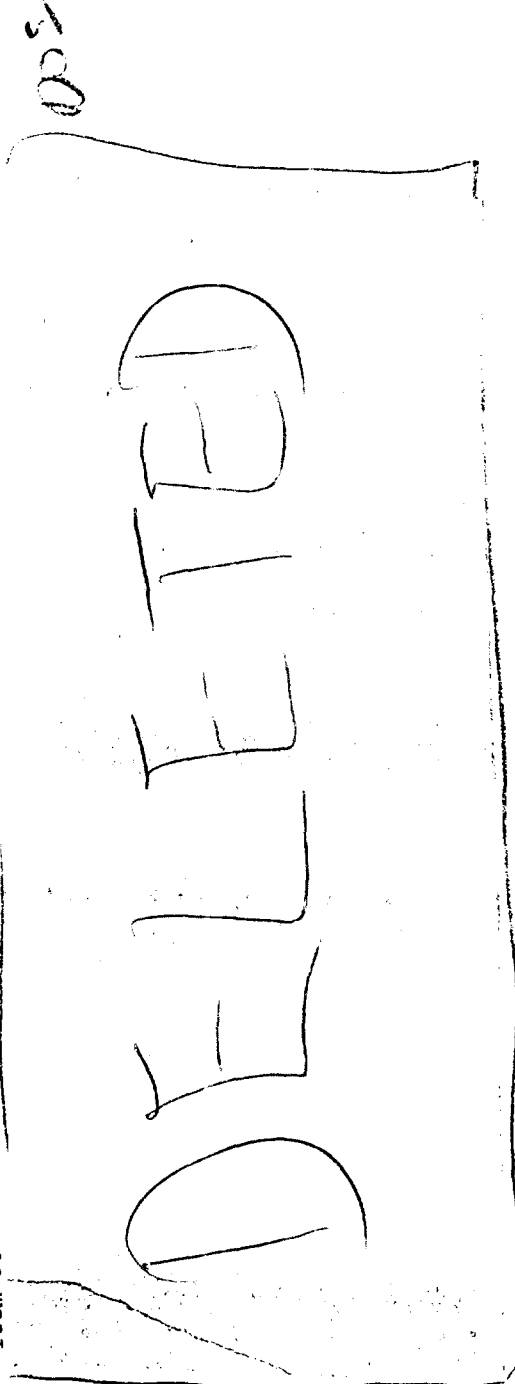


Order number 940502-094911-RHUNT -001-001
page 42 set 11 with 115 of 115 items



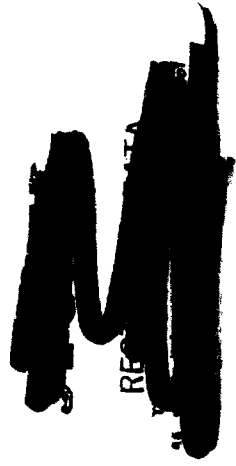
ACCESSION NUMBER 65998
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 74392
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng-48
REPORT NUMBER Ucll-4287
AUTHOR Violet, Charles E
White, R Stephen
CORPORATE AUTHOR CODE 4385450033
CORPORATE AUTHOR Lawrence Radiation Laboratory. Livermore.
TITLE CLASSIFICATION U
TITLE Proposal For Detecting High Energy Neutrons (U)
CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 17P
SUBJECTS Neutron Spectra - Measurements
Nuclear Explosions - Neutron Emission
Castle - Diagnostics
ITEM CIRC NUMBERS 07439201A;07439203A;07439205A;
ISSUE DATE 540203
DATE ADDED 890929

Item 90



Item 91

ACCESSION NUMBER 66043
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 74437
LANGUAGE CODE Eng



W-7405-eng-48
Ucrl-4375
Kloverstrom, Fred A
4385450033
Lawrence Radiation Laboratory. Livermore.

CONTRACT NUMBER
REPORT NUMBER
AUTHOR
CORPORATE AUTHOR CODE
CORPORATE AUTHOR
TITLE CLASSIFICATION
TITLE
CLASSIFICATION
PAGINATION
SUBJECTS

U
Castle Diagnostic Photomultiplier Detectors (U)
Srd Sigma 3 Awd
26P
Koon - Diagnostics
Bravo - Diagnostics
Tenex
Ganex
Radiation Detection Instruments
Photomultiplier Tubes
07443701A;07443702A;07443703A;
540831
890929

Item 92

ACCESSION NUMBER
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
LANGUAGE CODE
CONTRACT NUMBER
REPORT NUMBER
AUTHOR
CORPORATE AUTHOR CODE
CORPORATE AUTHOR
TITLE CLASSIFICATION
TITLE

66048
CAT
74442
Eng
W-7405-eng-48
Ucrl-4367;Col-4269
Watson, Glen
4385450033
Lawrence Radiation Laboratory. Livermore.
U
Summary Of Devices Tested, Trinity To Castle,
Inclusive With Brief Notes On Purposes And
Results (U)

CLASSIFICATION
PAGINATION
SUBJECTS

Srd Sigma 1 Awd
22P
Trinity
Crossroads
Sandstone
Ivy
Castle
Ranger (nuclear Explosions)
Greenhouse
Buster Jangle
Tumbler Snapper
Upshot Knothole
Nagasaki
Hiroshima
07444204A;07444210A;07444211A;
540000

ITEM CIRC NUMBERS
ISSUE DATE

[REDACTED]

Order number 940502-094911-RHUNT -001-001
page 44 set 11 with 115 of 115 items

890929

DATE ADDED

Item 93

[REDACTED]

UNCLASSIFIED
DATE 11/15/2001

DELETED

DD2

Item 94

[REDACTED]

DD2

DELETED

[REDACTED]

[REDACTED]

Order number 940502-094911-RHUNT -001-001
page 45 set 11 with 115 of 115 items



Item 95

66261
ACCESSION NUMBER
CAT
RECORD TYPE
74655
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE
W-7405-eng-48
CONTRACT NUMBER
Ucrl-4532;Cot-4511
REPORT NUMBER
May, M M
AUTHOR
4385450033
CORPORATE AUTHOR CODE
Lawrence Radiation Laboratory. Livermore.
CORPORATE AUTHOR
U
TITLE CLASSIFICATION
Preliminary Report On The Bassoon Experiment For
Redwing (U)
Srd Sigma 1 Awd
9P
CLASSIFICATION
Bassoon
PAGINATION
Redwing
SUBJECTS
07465522A;07465523A;07465524A;
ITEM CIRC NUMBERS
550630
ISSUE DATE
890929
DATE ADDED

Item 96

Use
DELETED

Item 97



Order number 940502-094911-RHUNT -001-001
page 46 set 11 with 115 of 115 items

ACCESSION NUMBER 66507
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 74901
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng-48
REPORT NUMBER Ucl-4684
CORPORATE AUTHOR CODE 4385450033
CORPORATE AUTHOR Lawrence Radiation Laboratory. Livermore.
TITLE CLASSIFICATION U
TITLE Hot Spot Experiments For The Redwing Tests. Part
1, Bassoon (U)
CLASSIFICATION Sid Sigma 1 Awd
PAGINATION 48P
SUBJECTS Redwing - Diagnostics
Bassoon
Hot Spot
ITEM CIRC NUMBERS 07490117A;07490118A;07490119A;
ISSUE DATE 550414
DATE ADDED 890929

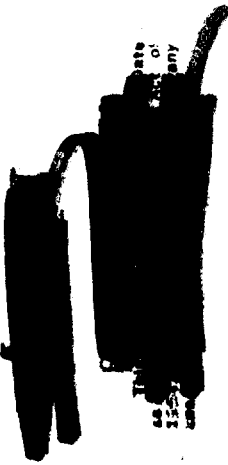
DELETED

DEE

Item 99

ACCESSION NUMBER

66625



Order number 940502-094911-RHUNT -001-001
page 47 set 11 with 115 of 115 items

unauthor
CAT 75019
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE W-7405-eng-48
CONTRACT NUMBER Ucll-4828
REPORT NUMBER Ralston, H Robert
AUTHOR 4385450033
CORPORATE AUTHOR CODE Lawrence Radiation Laboratory. Livermore.
CORPORATE AUTHOR U
TITLE CLASSIFICATION Redwing Subcritical Measurements (U)
CLASSIFICATION Srd Sigma 2 Awd
PAGINATION 55P
SUBJECTS Redwing
Taxi
Swift
ITEM CIRC NUMBERS 07501901A;07501902A;07501904A;
ISSUE DATE 570315
DATE ADDED 890929

Item 100

66691
ACCESSION NUMBER
CAT
RECORD TYPE 75085
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE W-7405-eng-48
CONTRACT NUMBER Ucll-4858
REPORT NUMBER 4385450033
CORPORATE AUTHOR CODE Lawrence Radiation Laboratory. Livermore.
CORPORATE AUTHOR U
TITLE CLASSIFICATION Operation Redwing (U)
TITLE Cdi
CLASSIFICATION 120P
PAGINATION Redwing
SUBJECTS 075085001;
ITEM CIRC NUMBERS 080000
ISSUE DATE 900110
DATE ADDED

Item 101

DELETED

DELETED

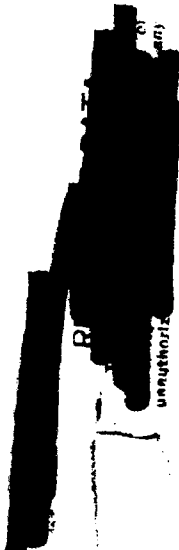
pos

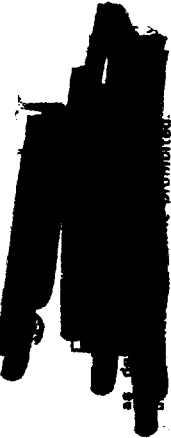
Item 102

ACCESSION NUMBER 67134
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 75528
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng-48
REPORT NUMBER Ucl-5510
AUTHOR Gilbert, Francis C
Frederic, Stanley C
CORPORATE AUTHOR CODE 4385450033
CORPORATE AUTHOR Lawrence Radiation Laboratory. Livermore.
TITLE CLASSIFICATION U
TITLE External Neutron Measurements, Operation Hardback,
Phase 1 (U)
CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 39P
SUBJECTS Flamingo.
Whistle.
Hickory. - Yields ✓
Maple - Yields ✓
Hickory - Neutron Emission ✓
Maple. - Neutron Emission ✓
Phonex
ITEM CIRC NUMBERS 07552801A;07552811A;07552829A;
ISSUE DATE 590306
DATE ADDED 890929

Item 103

ACCESSION NUMBER 67782
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 76176
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng-48
REPORT NUMBER Ucl-5995
AUTHOR Bonner, Norman A
CORPORATE AUTHOR CODE 4385450033
CORPORATE AUTHOR Lawrence Radiation Laboratory. Livermore.





DELETED

008

Item 104

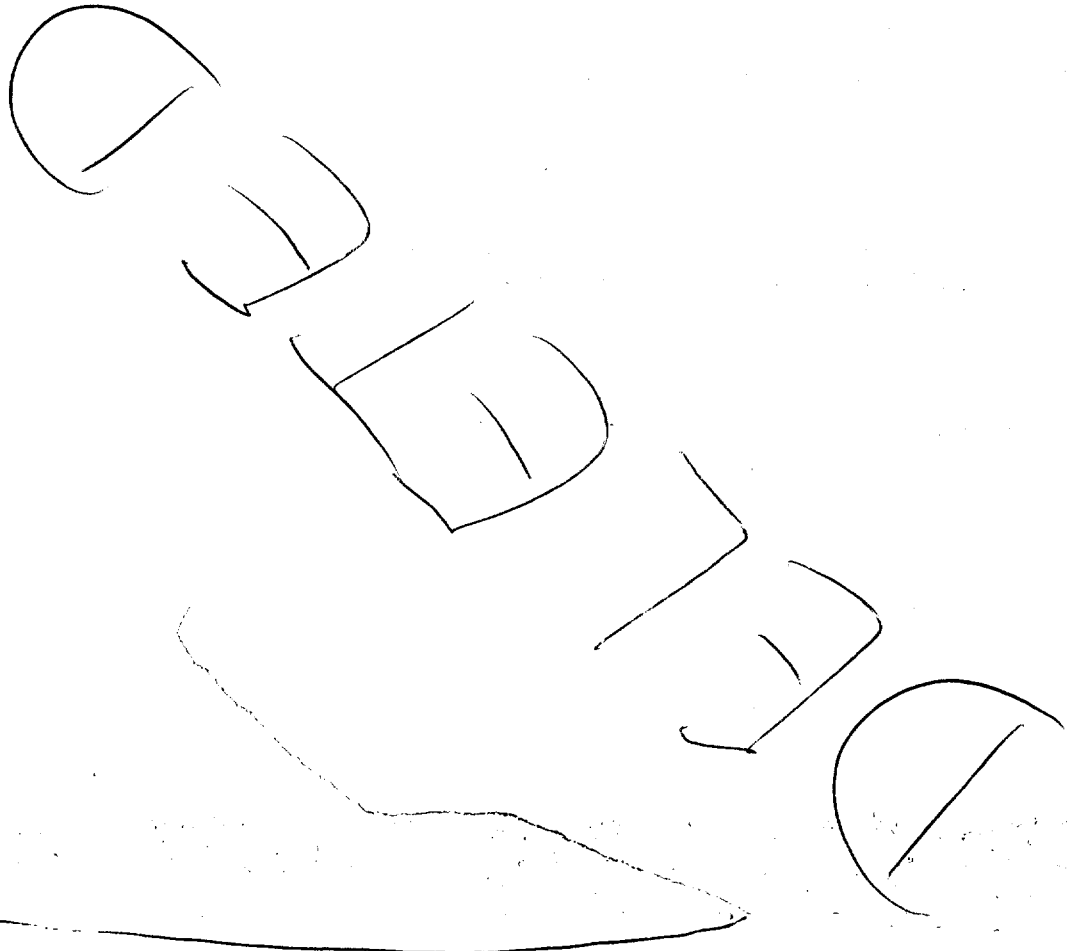
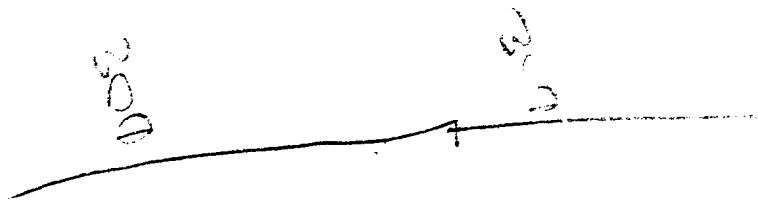
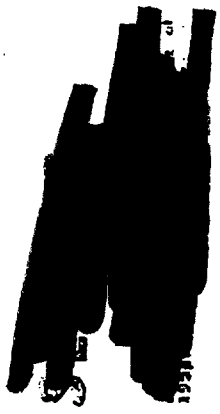
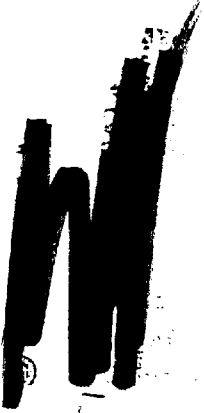
ACCESSION NUMBER	68282
RECORD TYPE	CAT
DOCUMENT'S ACCESSION NUMBER	76676
LANGUAGE CODE	Eng
CONTRACT NUMBER	W-7405-eng-48
REPORT NUMBER	Ucrl-6283
AUTHOR	Wouters, Louis F
CORPORATE AUTHOR CODE	4385450033
CORPORATE AUTHOR	Lawrence Radiation Laboratory. Livermore.
TITLE CLASSIFICATION	U
TITLE	Operation Redwing, Postoperational Report For Program 22, Reaction History Measurements (U)
CLASSIFICATION	Srd Sigma 1 Awd.
PAGINATION	125P
SUBJECTS	Redwing
ITEM CIRC NUMBERS	07667602A;07667604A;
ISSUE DATE	610201
DATE ADDED	890929

Item 105

DELETED

008





DELETED

Item 108

71149
ACCESSION NUMBER
CAT
79543
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE
W-7405-eng-48
CONTRACT NUMBER
Ucid-4292
REPORT NUMBER
Gibbins, W D
AUTHOR
4385450033
CORPORATE AUTHOR CODE
Lawrence Radiation Laboratory. Livermore.
CORPORATE AUTHOR
U
TITLE CLASSIFICATION
Operation Redwing, Composite Yields,
Radiochemistry Ratios And Efficiencies (U)
Srd Sigma 2 Awd
CLASSIFICATION
IP
PAGINATION
Redwing - Yields
SUBJECTS
Nuclear Weapons - Yields
ITEM CIRC NUMBERS
079543021;
ISSUE DATE
590430
DATE ADDED
890929

Item 109

71150
ACCESSION NUMBER
CAT
79544
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE
W-7405-eng-48
CONTRACT NUMBER
Ucid-4290
REPORT NUMBER
Gibbins, W D
AUTHOR
4385450033
CORPORATE AUTHOR CODE
Lawrence Radiation Laboratory. Livermore.
CORPORATE AUTHOR
U
TITLE CLASSIFICATION
Operation Hardtack, Phase I, Composite Yields,
Radiochemistry Ratios And Efficiencies (U)
Srd Sigma 2 Awd
CLASSIFICATION
IP
PAGINATION
Hardtack - Yields
SUBJECTS
Hardtack - Radiochemistry
Nuclear Weapons - Yields
ITEM CIRC NUMBERS
079544021;

ISSUE DATE 590430
DATE ADDED 890929

Item 110

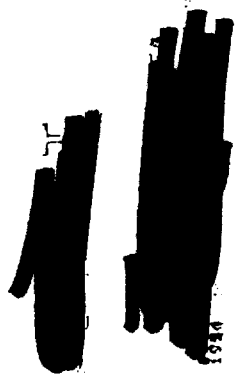
ACCESSION NUMBER 71465
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 79859
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng-48
REPORT NUMBER Ucid-4380;Cpb-4489
AUTHOR Lindsay, W F
CORPORATE AUTHOR CODE 4385450033
CORPORATE AUTHOR Lawrence Radiation Laboratory. Livermore.
TITLE CLASSIFICATION U
Yield Calculations By Diagnostics Methods (U)
CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 5P
SUBJECTS Plumbbob - Yields
Hardtack Phase 2 - Yields
Hardtack - Yields

ITEM CIRC NUMBERS 07985902C;
ISSUE DATE 590812
DATE ADDED 890929

Item 111

ACCESSION NUMBER 99327
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 110274
LANGUAGE CODE Eng
CONTRACT NUMBER EY-76-c-08-1183
REPORT NUMBER Egg-1183-5084
AUTHOR Wilson, D C
CORPORATE AUTHOR CODE 2674629088
CORPORATE AUTHOR Edgerton, Germeshausen And Grier Idaho Falls.
TITLE CLASSIFICATION U
Spectral Shift Of Minimum, The Flathead Spectrum (U)
CLASSIFICATION Crd Sigma 3 Awd
PAGINATION 72P
SUBJECTS Flathead
Redwing
Spectrochemical Analysis

CATEGORY CODE 50
ITEM CIRC NUMBERS 110274001;
ISSUE DATE 780601
DATE ADDED 891220



Item 112

ACCESSION NUMBER 105076
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 116031
LANGUAGE CODE Eng
CONTRACT NUMBER De-ac08-76NV01183
REPORT NUMBER Egg-1183-5063;Lad-9100
CORPORATE AUTHOR CODE 2674621191
CORPORATE AUTHOR Edgerton, Germeshausen And Grier. Los Alamos, N.
Mex.

TITLE CLASSIFICATION U
TITLE Operation Redwing, Analysis Of The Flathead And
Navajo Chord Experiments (U)

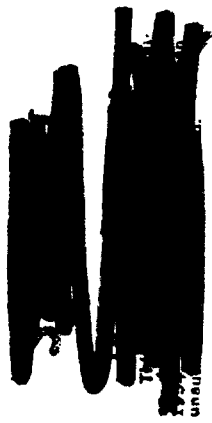
CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 134P
SUBJECTS Redwing
Nuclear Weapons - Testing
ITEM CIRC NUMBERS 11603134A;
ISSUE DATE 790601
DATE ADDED 890927

Item 113

ACCESSION NUMBER 115079
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 126106
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng-36
REPORT NUMBER La-9941-ms
AUTHOR Watt, R E
CORPORATE AUTHOR CODE 4504089175
CORPORATE AUTHOR Los Alamos National Laboratory. Nm.
TITLE CLASSIFICATION (u)
TITLE Measurements Of Gamma-ray Intensity Produced By
The Castle Romeo And Union Nuclear Explosions At
Late Times ((u))

CLASSIFICATION (srd Sigma 1 Nwd)
PAGINATION 36P
SUBJECTS Castle
Bravo (event)
Nuclear Explosions - Gamma Emission
55
CATEGORY CODE 12610605A;12610606A;
ITEM CIRC NUMBERS 840201
ISSUE DATE 840201
DATE ADDED 840515

Item 114



Order number 940502-094911-RHUNT -001-001
page 54 set 11 with 115 of 115 items

ACCESSION NUMBER 119553
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 130625
LANGUAGE CODE Eng
REPORT NUMBER Itr-1622-2
AUTHOR Rigotti, D L
Tarbox, J L
Kinch, J W

CORPORATE AUTHOR CODE 0611550509
CORPORATE AUTHOR Army Chemical Warfare Laboratories. Army Chemical Center. Md.

TITLE CLASSIFICATION U
TITLE Neutron Flux From A Very-low-yield Burst, Operation Hardtack, Preliminary Report, Project 2.4 Supplement (U)

CLASSIFICATION Srd
PAGINATION 26P
SUBJECTS Hardtack
Neutron Flux - Measurements

ITEM CIRC NUMBERS 13062530A;
ISSUE DATE 581031
DATE ADDED 870831

Item 115

ACCESSION NUMBER 119554
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 130626
LANGUAGE CODE Eng
REPORT NUMBER Itr-1680
AUTHOR Pinson, E A
Kodis, J W
Chilment, J A

CORPORATE AUTHOR CODE 0611550509
CORPORATE AUTHOR Army Chemical Warfare Laboratories. Army Chemical Center. Md.

TITLE CLASSIFICATION U
TITLE Neutron Flux, Gamma Dose, Induced Activity, And Thermal Radiation From Low-yield Bursts, Operation Hardtack, Preliminary Report, Project 2.12 (U)

CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 110P
SUBJECTS Hardtack
Neutron Flux - Measurements
Thermal Radiation - Measurements
Gamma Rays - Measurements

ITEM CIRC NUMBERS 13062685A;
ISSUE DATE 590410
DATE ADDED 870831

[REDACTED]

[REDACTED]