

COI -94-01

OAS-006259 55

This is copy 1 of 1 series

411836 EH-71192

SAA20058970000
DOCUMENT#

TITLE: WEAPONS TESTING IN THE PACIFIC (U)

AUTHOR: RICHARD HUNT

DATE: APRIL 21, 1994

510 - 4-21-94

CLASSIFICATION CANCELLED with deletions
OR CHANGED TO
BY AUTHORITY OF RJH/lf
BY mmw DATE 2/21/00

COI-94-01 NA084325
MAY 10 10-MAY-94 08:44 OA 2145 US DOE GERMANTOWN

DEPARTMENT	NEW
1ST REVIEW DATE	NUMBER(S)
NAME: <u>[redacted]</u>	
2ND REVIEW DATE	
AUTHORITY	
NAME: <u>[redacted]</u>	

Derivatively
Classified by: James B. Stuart, Derivative Classifier, Classification Office
Lawrence Livermore National Laboratory

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MAY 13 1994

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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
Gates, 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

CATEGORY CODE 53
ITEM CIRC NUMBERS 02707942B;
ISSUE DATE 540501
DATE ADDED 890928

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

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21092
ACCESSION NUMBER
CAT
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
27670
Eng
LANGUAGE CODE
REPORT NUMBER
Cwlr-2176
Hardin, L M
Einsel, D W
Shaw, H E
AUTHOR
0611550509
CORPORATE AUTHOR CODE
Army Chemical Warfare Laboratories. Army Chemical
CORPORATE AUTHOR Center. Md.

U
TITLE CLASSIFICATION
TITLE
Historical Discussion Of Contaminating Events
Occurring During United States Atomic Test
Operations (U)
CLASSIFICATION
PAGINATION
Srd Sigma 3 Awd
SUBJECTS
41P
Fallout - Distribution
Greenhouse
Crossroads
Tumbler Snapper
Upshot Knothole
Castle
Teapot
Redwing

IVY
ITEM CIRC NUMBERS
027670131;
ISSUE DATE
571001
DATE ADDED
890928

Item 4

22213
ACCESSION NUMBER
CAT
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
28791
Eng
LANGUAGE CODE
REPORT NUMBER
Report-b-1581
2674621152
CORPORATE AUTHOR CODE
Edgerton, Germeshausen And Grier. Las Vegas, Nev.
CORPORATE AUTHOR U
TITLE CLASSIFICATION
Alpha Measurements And Calculations, Redwing,
Flathead (U)
Srd
CLASSIFICATION
V 4
CATNOTES
Flathead - Diagnostics
SUBJECTS
02879101B;
ITEM CIRC NUMBERS
570326
ISSUE DATE
890928
DATE ADDED

[REDACTED]

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Item 5

22225
ACCESSION NUMBER
CAT
28803
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
28803
LANGUAGE CODE
Eng
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)
TITLE
Srd Sigma 1 Awd
80P
CLASSIFICATION
Pine - Diagnostics
PAGINATION
02880302A;
SUBJECTS
890802
ITEM CIRC NUMBERS
580802
ISSUE DATE
890928
DATE ADDED

Item 6

22227
ACCESSION NUMBER
CAT
28805
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
28805
LANGUAGE CODE
Eng
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)
TITLE
Srd Sigma 1 Awd
95P
CLASSIFICATION
Olive - Diagnostics
PAGINATION
02880502A;
SUBJECTS
580726
ITEM CIRC NUMBERS
890928
ISSUE DATE
890928
DATE ADDED

Item 7

23315
ACCESSION NUMBER
CAT
29893
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
29893
LANGUAGE CODE
Eng
Contract (29-2)-20
CONTRACT NUMBER
371209998
CORPORATE AUTHOR CODE
Holmes And Narver. Los Angeles.
CORPORATE AUTHOR
U
TITLE CLASSIFICATION
Completion Report, Operation Castle (U)
TITLE

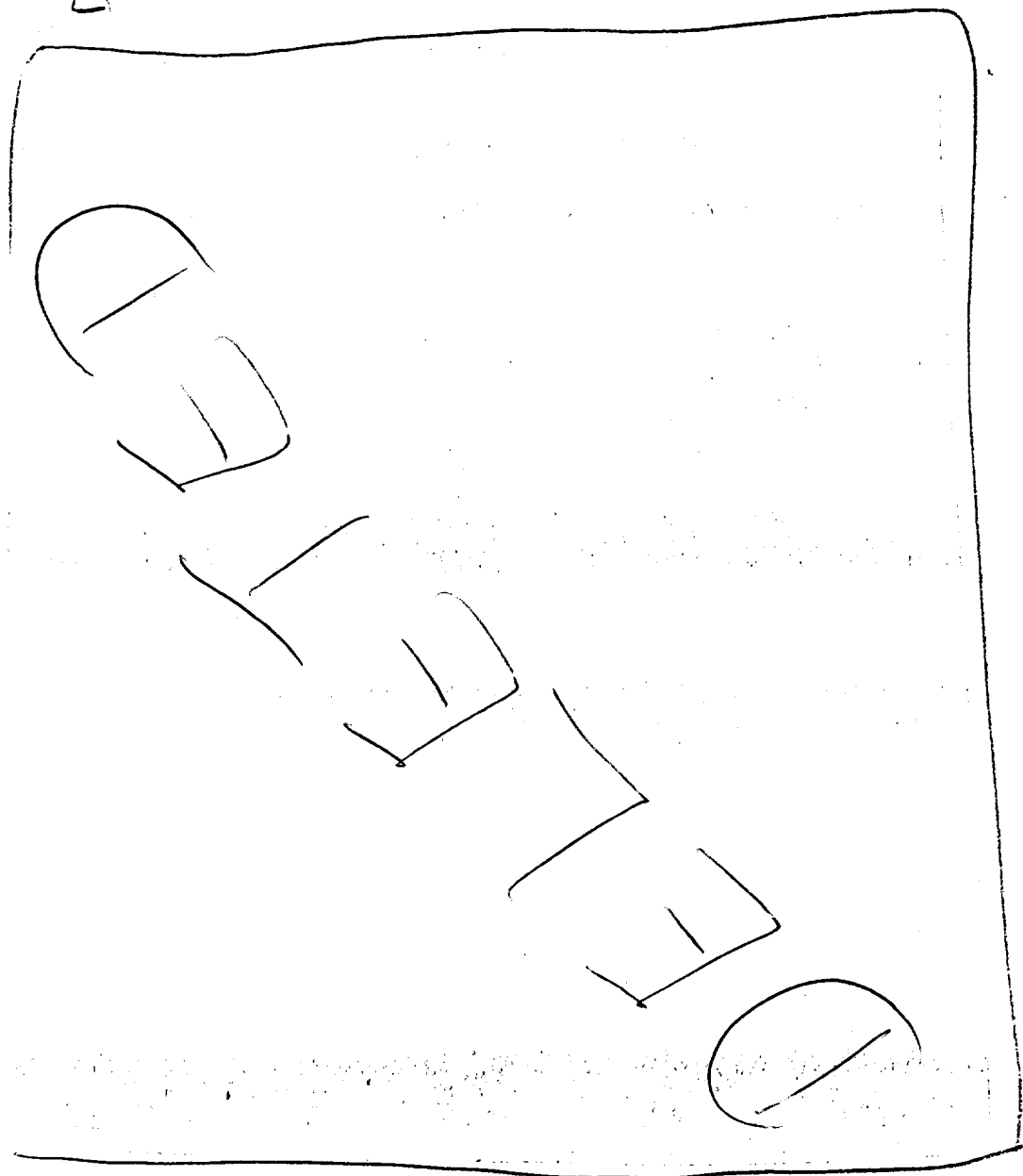


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CLASSIFICATION Srd Sigma 2 Awd
PAGINATION 412P
SUBJECTS Castle
ITEM CIRC NUMBERS 02989315A;
ISSUE DATE 000000
DATE ADDED 890928

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Item 15

27818

ACCESSION NUMBER

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 140P Srd Sigma 1 Awd
PAGINATION Castle
SUBJECTS Los Alamos Scientific Laboratory. N. Mex.
ADDED - CORP NAME 03440745B;
ITEM CIRC NUMBERS 540601
ISSUE DATE 890928
DATE ADDED

Item 16

002

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Item 17-

002

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DATE: [redacted]

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Item 18

27862
ACCESSION NUMBER
CAT
34451
RECORD TYPE
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
Sdi
CLASSIFICATION
189P
PAGINATION
Redwing
SUBJECTS
03445128A;
ITEM CIRC NUMBERS
00000
ISSUE DATE
890928
DATE ADDED

Item 19

27876
ACCESSION NUMBER
CAT
34465
RECORD TYPE
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
Srd Sigma 1 Awd
CLASSIFICATION
50+p
PAGINATION
Castle
SUBJECTS
03446508A;
ITEM CIRC NUMBERS
531208
ISSUE DATE
890928
DATE ADDED



Item 20

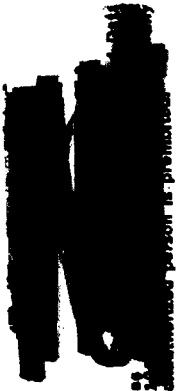
ACCESSION NUMBER 27877
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 34466
LANGUAGE CODE Eng
REPORT NUMBER J-21323
AUTHOR Jones, D R
CORPORATE AUTHOR CODE 417909998
CORPORATE AUTHOR Joint Task Force Seven.
TITLE CLASSIFICATION U
TITLE Ono Book, Operation Castle, Appendix 1, Annex C,
Operation Plan 1-53 (U)
CLASSIFICATION Sid Sigma 1 Awd
PAGINATION 112P
SUBJECTS Castle
ITEM CIRC NUMBERS 03446624A;
ISSUE DATE 531001
DATE ADDED 890928

Item 21

ACCESSION NUMBER 27884
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 34473
LANGUAGE CODE Eng
REPORT NUMBER J3-430
CORPORATE AUTHOR CODE 417909998
CORPORATE AUTHOR Joint Task Force Seven.
TITLE CLASSIFICATION U
TITLE Operation Redwing, Operation Plan 1-56 (U)
CLASSIFICATION Sid Sigma 1 Awd
PAGINATION 127P
SUBJECTS Redwing
ITEM CIRC NUMBERS 03447312A;
ISSUE DATE 560125
DATE ADDED 890928

Item 22

ACCESSION NUMBER 27885
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 34474
LANGUAGE CODE Eng
REPORT NUMBER J-3-h-144
CORPORATE AUTHOR CODE 417909998
CORPORATE AUTHOR Joint Task Force Seven.
TITLE CLASSIFICATION U
TITLE Operation Hardtack, General Concept 1-57 (U)



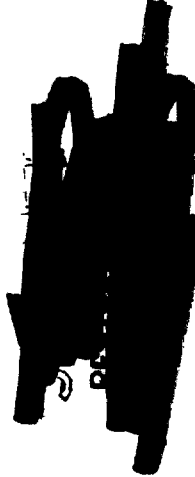
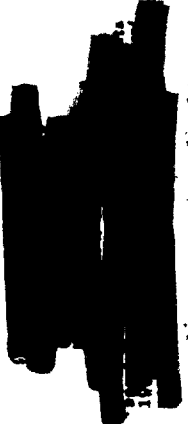
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CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 44P
SUBJECTS Hardtack - Planning
ITEM CIRC NUMBERS 03447409A;
ISSUE DATE 570601
DATE ADDED 890928

Item 23

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DATE



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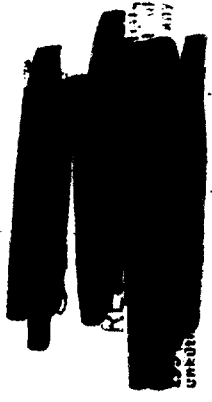
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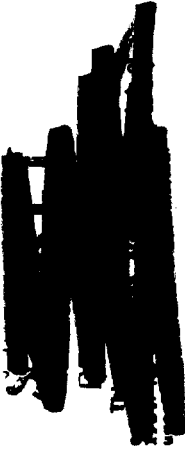
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D-208

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

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

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

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
Cowan, G A
CORPORATE AUTHOR CODE 4505899998
CORPORATE AUTHOR Los Alamos Scientific Laboratory. N. Mex.
TITLE CLASSIFICATION U
TITLE Semifinal Radiochemical Results On Hardtack Sequoia Event (U)
CLASSIFICATION Srd Sigma 2 Awd
PAGINATION 19P

CLASSIFICATION
PAGINATION

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Item 41

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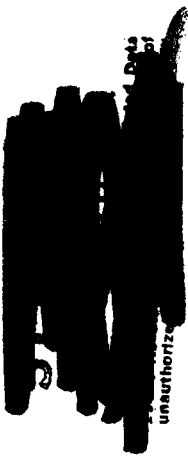
Item 42

ACCESSION NUMBER 29286
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 35875
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng.-36
REPORT NUMBER Lams-2843
AUTHOR Malik, J
CORPORATE AUTHOR CODE 4505899998
CORPORATE AUTHOR Los Alamos Scientific Laboratory. N. Mex.
TITLE CLASSIFICATION U
TITLE Reanalysis Of Selected Alpha Data From Operations
Of 1956 Through 1958 (U)
CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 218P
SUBJECTS Alpha Measurements
Tsetse
Hardtack - Diagnostics
Hardtack Phase 2 - Diagnostics
Plumbbob - Diagnostics
03587504A;
630101
890928

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Item 43

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
EXCEPT WHERE SHOWN
OTHERWISE



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and Data

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
CLASSIFICATION Plumbbob And Hardtack (U)
PAGINATION Srd Sigma 2 Awd
SUBJECTS 33P
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



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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
4505899998
Los Alamos Scientific Laboratory. N. Mex.

CORPORATE AUTHOR CODE
CORPORATE AUTHOR
TITLE CLASSIFICATION
TITLE

U
External Neutron Measurements, Operation Castle,
Project 14.1 (U)

CLASSIFICATION
PAGINATION
SUBJECTS

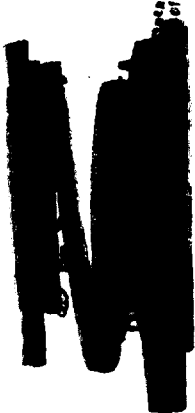
Srd
50P
Castle
Neutron Flux - Measurements
Radiation Detectors
Castle - Neutron Emission
03802794B;
551001
890928

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Item 47

ACCESSION NUMBER
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER

31442
CAT
38032



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Eng
Wt-942
Servis, J D
4505899998
Los Alamos Scientific Laboratory. N. Mex.
U
Radiological Safety, Operation Castle (U)
Srd Sigma 3 Awd
72P
Castle - Safety
Fallout - Atolls
Dosimetry
03803295A;
540801
890928

Item 48

31444
CAT
38034
Eng
Wt-940
4505899998
Los Alamos Scientific Laboratory. N. Mex.
U
Report Of Commander, Task Group 7.1, Operation
Castle (U)
Srd Sigma 1 Awd
83P
Castle
03803444A;
540601
890928

Item 49

31445
CAT
38035
Eng
Wt-939
Sondhaus, C A
Bond, V P
5339499998
Navy. Naval Radiological Defense Laboratory. San
Francisco.
U
Physical Factors And Dosimetry In The Marshall
Island Radiation Exposures, Operation Castle,

Addendum Report For Project 4.1 (U)

CLASSIFICATION
PAGINATION
SUBJECTS

Cdi
46P

Castle
Fallout - Marshall Islands
Gamma Rays - Dosimetry

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

038035001;
551201
900124

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.

TITLE CLASSIFICATION
TITLE

U Summary Report Of The Commander, Task Unit 13,
Operation Castle (U)

CLASSIFICATION
PAGINATION
SUBJECTS

Srd
121P
Castle
Nuclear Explosions - Blast Effects
Nuclear Explosions - Radiation Effects
Nuclear Explosions - Thermal Effects
03804027A;

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

590130
890928

Item 51

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

31456
CAT
38046
Eng
Wt-927
Molumphy, G G
Bigger, M M
5339499998
Navy. Naval Radiological Defense Laboratory. San
Francisco.

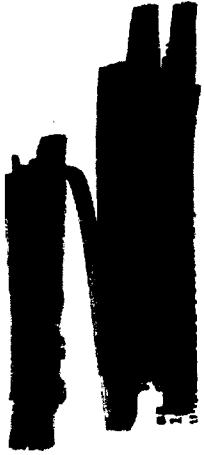
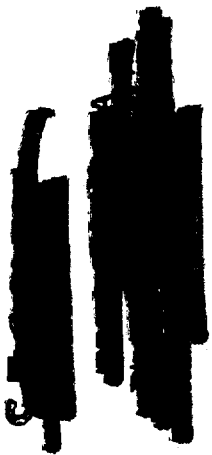
CORPORATE AUTHOR CODE
CORPORATE AUTHOR

TITLE CLASSIFICATION
TITLE

U Proof Testing Of Atomic Weapons Ship
Countermeasures, Operation Castle, Project 6.4
(U)

CLASSIFICATION

Cdi



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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
Castle

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Nuclear Weapon Debris - Radiochemistry
03805625A;
550901
890928

Item 53

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

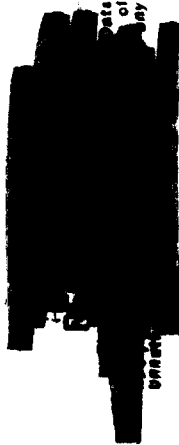
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Army Chemical Warfare Laboratories. Army Chemical
Center. Md.

TITLE CLASSIFICATION
TITLE

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

CLASSIFICATION
PAGINATION

Sid Sigma 3 Awd
136P



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SUBJECTS Castle - Fallout
ITEM CIRC NUMBERS 03805797A;
ISSUE DATE 560201
DATE ADDED 890928

Item 54

ACCESSION NUMBER 31624
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 38214
LANGUAGE CODE Eng
REPORT NUMBER Wt-1361
AUTHOR Storm, E
CORPORATE AUTHOR CODE Goodwin, L
CORPORATE AUTHOR Distenfeld, C
TITLE CLASSIFICATION 4505899998
TITLE Los Alamos Scientific Laboratory. N. Mex.
U
CLASSIFICATION Gamma Radiation As A Function Of Distance,
PAGINATION Operation Redwing, Project 13.4 (U)
SUBJECTS Sid Sigma 3 Awd
28P
Redwing
Navaho - Gamma Emission
Gamma Rays - Measurements
ITEM CIRC NUMBERS 03821479B;
ISSUE DATE 561001
DATE ADDED 890928

Item 55

ACCESSION NUMBER 31625
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 38215
LANGUAGE CODE Eng
REPORT NUMBER Wt-1359
CORPORATE AUTHOR CODE 4505899998
CORPORATE AUTHOR Los Alamos Scientific Laboratory. N. Mex.
TITLE CLASSIFICATION U
TITLE Report Of The Commander, Task Group 7.1,
CLASSIFICATION Operation Redwing (U)
PAGINATION Sid Sigma 1 Awd
163P
SUBJECTS Redwing
ITEM CIRC NUMBERS 03821553B;
ISSUE DATE 560801
DATE ADDED 890928

Item 56

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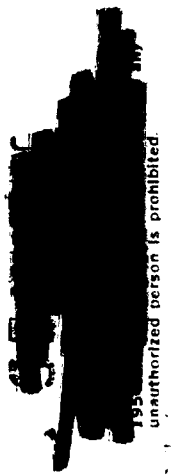
ACCESSION NUMBER 31635
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 38225
LANGUAGE CODE Eng
REPORT NUMBER Wt-1344
CORPORATE AUTHOR CODE 2297499998
CORPORATE AUTHOR Defense Atomic Support Agency. Field Command.
Albuquerque.

TITLE CLASSIFICATION U
TITLE Technical Summary Of Military Effects, Programs
1-9, Operation Redwing (U)
CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 275P
SUBJECTS 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.
TITLE CLASSIFICATION U
TITLE Airborne High Resolution Spectral Analysis,
Operation Redwing, Project 8.5 (U)
CLASSIFICATION Srd Sigma Varies Awd
CATNOTES 2V
SUBJECTS 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

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ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED



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Item 58

ACCESSION NUMBER 31661
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 38251
LANGUAGE CODE Eng
REPORT NUMBER Wt-1317
AUTHOR Triffet, T
CORPORATE AUTHOR CODE La Riviere, P D
CORPORATE AUTHOR 5339499998
Navy. Naval Radiological Defense Laboratory. San Francisco.
TITLE CLASSIFICATION U
TITLE Characterization Of Fallout, Operation Redwing, Project 2.63 (U)
CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 310P
SUBJECTS Redwing - Fallout
ITEM CIRC NUMBERS 03825193A;
ISSUE DATE 610315
DATE ADDED 890928

Item 59

ACCESSION NUMBER 31667
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 38257
LANGUAGE CODE Eng
REPORT NUMBER Wt-1311
AUTHOR Brown, P
CORPORATE AUTHOR Carp, G
CORPORATE AUTHOR Markow, B
CORPORATE AUTHOR 0632399998
CORPORATE AUTHOR Army Signal Research And Development Laboratory. Fort Monmouth, N. J.
TITLE CLASSIFICATION U
TITLE Gamma Exposure Rate Versus Time, Operation Redwing, Project 2.2 (U)
CLASSIFICATION Sfrd-di
PAGINATION 57P
SUBJECTS Nuclear Explosions - Gamma Emission
Redwing - Fallout
Fallout - Distribution
Gamma Rays - Measurements
ITEM CIRC NUMBERS 03825798A;
ISSUE DATE 600118
DATE ADDED 890928

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CLASSIFIED BY [redacted]

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REF ID: A660118

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Item 60

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

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

Item 61

31875
ACCESSION NUMBER
CAT
RECORD TYPE
38465
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE
Wt-1616
REPORT NUMBER
Porzel, F B
Dickens, R G
AUTHOR
Bard, W E
CORPORATE AUTHOR CODE
3786899998
CORPORATE AUTHOR
Illinois Institute Of Technology. Armour Research
Foundation. Chicago.
U
TITLE CLASSIFICATION
Yield And Energy Partition Of Underwater Bursts,
Operation Hardtack, Project 1.11 (U)
Cfird-di Sigma 3 Awd
84P
CLASSIFICATION
Wahoo - Yields
PAGINATION
Umbrella - Yields
SUBJECTS
Wahoo - Hydrodynamics
Umbrella - Hydrodynamics
Hardtack
03846531A;
ITEM CIRC NUMBERS

RESTRICTED DATA
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610623
900124

Item 62

ACCESSION NUMBER 31998
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 38588
LANGUAGE CODE Eng
REPORT NUMBER WC-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 Srd 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)
PAGINATION Srd Sigma 1 Awd
SUBJECTS 5P
Crossroads - Yields
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

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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 4179099998
CORPORATE AUTHOR Joint Task Force Seven.
TITLE CLASSIFICATION U History Of Operation Castle 1952-1954 (U)
TITLE 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.

TITLE CLASSIFICATION U
TITLE Analysis Of Fallout Data (U)
CLASSIFICATION Srd Sigma Varies Awd
CATNOTES 4V
SUBJECTS Buster Jangle - Fallout
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

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RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 40345
LANGUAGE CODE Eng
REPORT NUMBER USnrd1-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 Knochle - Thermal Radiation
Castle - Thermal Radiation
Teapot - Thermal Radiation
Plumbob - 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
CORPORATE AUTHOR CODE Los Alamos Scientific Laboratory. N. Mex.
CORPORATE AUTHOR U
TITLE CLASSIFICATION Total Hydrodynamic Yield, Operation Castle, Pacific Proving Grounds, March-may 1954 (U)
CLASSIFICATION Srd
PAGINATION 45P
SUBJECTS Castle - Yields
Nuclear Explosions - Yields
04967847A;
ITEM CIRC NUMBERS 541101
ISSUE DATE

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DATE ADDED 890929

Item 68

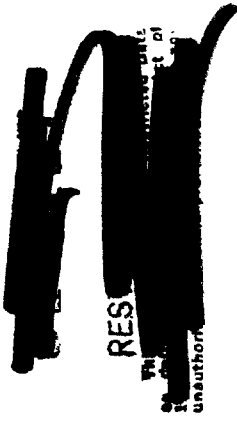
ACCESSION NUMBER 43874
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 50469
LANGUAGE CODE Eng
CONTRACT NUMBER At(45-1)540
REPORT NUMBER Uwf1-58
AUTHOR Palumbo, R F
Lowman, F G
Welander, A D
7751899998
CORPORATE AUTHOR CODE Washington. University. Seattle.
CORPORATE AUTHOR U
TITLE CLASSIFICATION Distribution Of Radioactivity In Sea Water And
Marine Organisms Following An Underwater Nuclear
Detonation At Eniwetok Test Site In 1958 (U)
Srd Sigma 3 Awd

CLASSIFICATION 47P
PAGINATION Wahoo - Radioactivity
SUBJECTS Underwater Nuclear Explosions - Radioactivity
Water - Contamination
050469001;
590206
890929

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
AUTHOR Morgenthau, M
Meieran, H B
Showers, R L
0619399208
CORPORATE AUTHOR CODE Army. Nuclear Defense Laboratory. Edgewood
CORPORATE AUTHOR Arsenal, Md.
U
TITLE CLASSIFICATION Local Fallout From Nuclear Test Detonations.
TITLE Volume Ii, Compilation Of Fallout Patterns And
Related Test Data. Part 1, Trinity Through
Redwing (U)
Srd Sigma 1 Awd
479P
Fallout
Trinity - Fallout

CLASSIFICATION
PAGINATION
SUBJECTS



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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

43884
CAT
50479
Eng
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.

CORPORATE AUTHOR CODE
CORPORATE AUTHOR

TITLE CLASSIFICATION
TITLE

CLASSIFICATION
PAGINATION
SUBJECTS

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

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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-1855
AUTHOR Greenfield, S M
CORPORATE AUTHOR CODE Rapp, R R
CORPORATE AUTHOR 642519998
TITLE CLASSIFICATION Rand Corporation. Santa Monica, Calif.
U
Fallout Computations And Castle Bravo, A Case
Study (U)
Srd Sigma 3 Awd
71P
CLASSIFICATION Bravo
PAGINATION Fallout - Models
SUBJECTS Surface Nuclear Explosions - Fallout
ITEM CIRC NUMBERS 052164137;
ISSUE DATE 570116
DATE ADDED 890929

Item 72

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Item 73

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48948
CAT
55543
Eng
Dasa-01-c-0117
Dna-1900F-v;Dasa-1900-v;Tlw-5487;Tb-71-334
Nathans, M W
Weiner, D
7348999998
Trapelo/west. Richmond, Calif.
U
Continuation Of Studies Of Fallout And Nuclear
Clouds From Near-surface Bursts (final Report -
4/70-7/71) (U)
Srd
132P
Plumbbob
Redwing
Atomic Clouds - Fallout
Fallout - Distribution
53
05554361A;05554362A;
711101
890929
DATE ADDED

Item 74

56378
CAT
63543
Eng
At (29-1)-1183
Egg-1183-5038;Lad-7676
Cobb, D D
Mitchell, C K
2674621191
Edgerton, Germeshausen And Grier. Los Alamos, N.
Mex.
U
Operation Redwing, Spectrographic Observations Of
Dakota (0 - 10 Mu-sec) (U)
Srd
102P
Dakota.
Fireballs
Nuclear Explosions - Thermal Radiation
Spectrochemical Analysis
53
06354358A;
740601
ISSUE DATE

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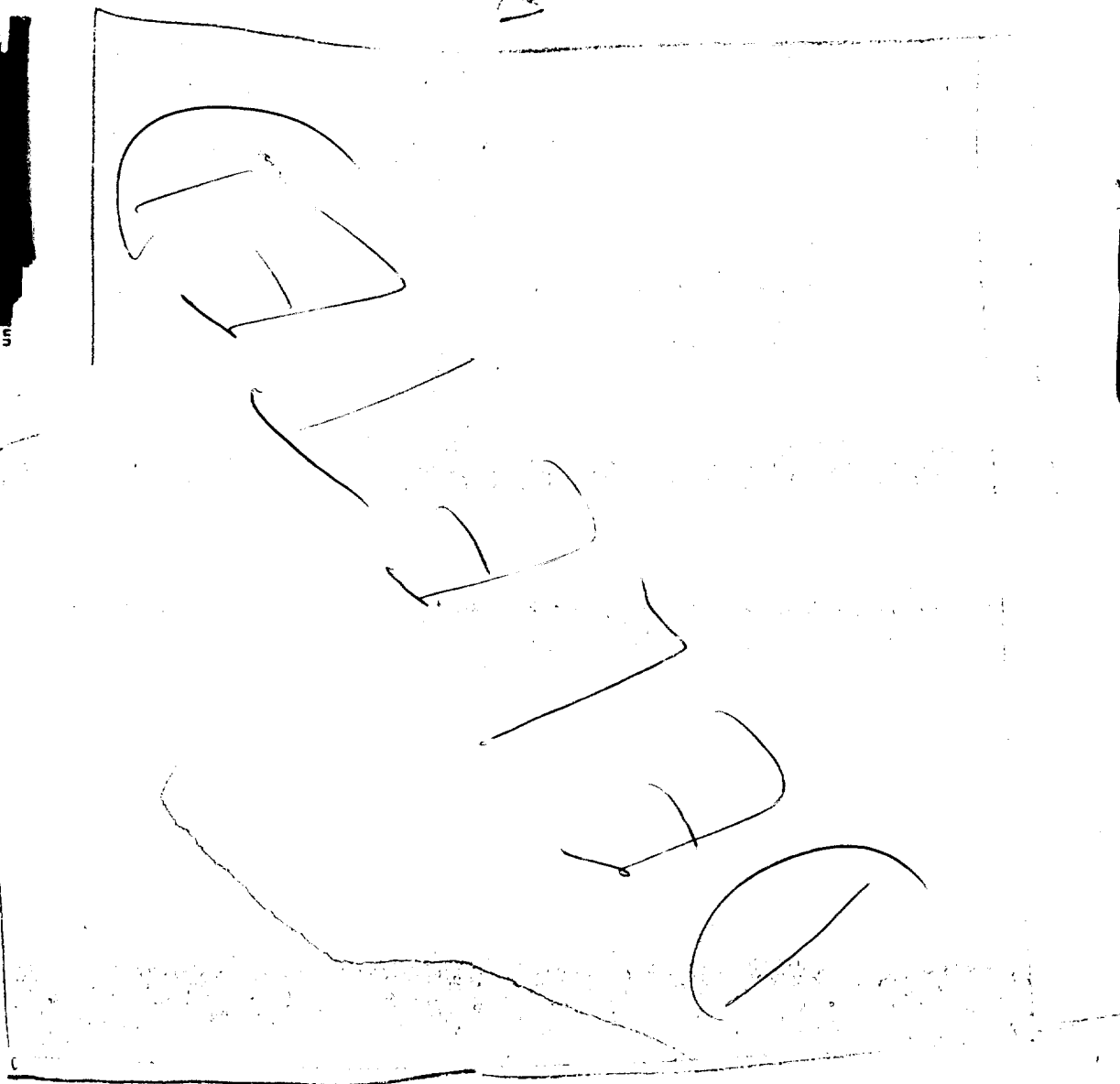
Order number 940502-094911-RHUNT -001-001
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Item 75

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Item 78

65544
ACCESSION NUMBER
CAT 73938
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE
W-7405-eng-48
CONTRACT NUMBER
Ucr1-4032
REPORT NUMBER
Bell, James W
4385450033
AUTHOR
Lawrence Radiation Laboratory. Livermore.
CORPORATE AUTHOR CODE
CORPORATE AUTHOR
U
TITLE CLASSIFICATION
Castle Diagnostic Measurements Program, Ganex
Equipment (U)
Title
Sid Sigma 1 Awd
16P
CLASSIFICATION
PAGINATION
SUBJECTS
Ganex
Castle - Diagnostics
07393809A;07393810A;
521125
ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED
890929

Item 79

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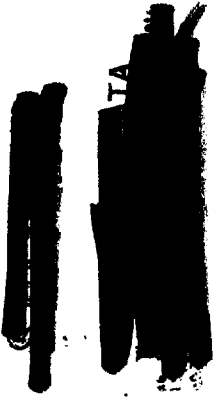
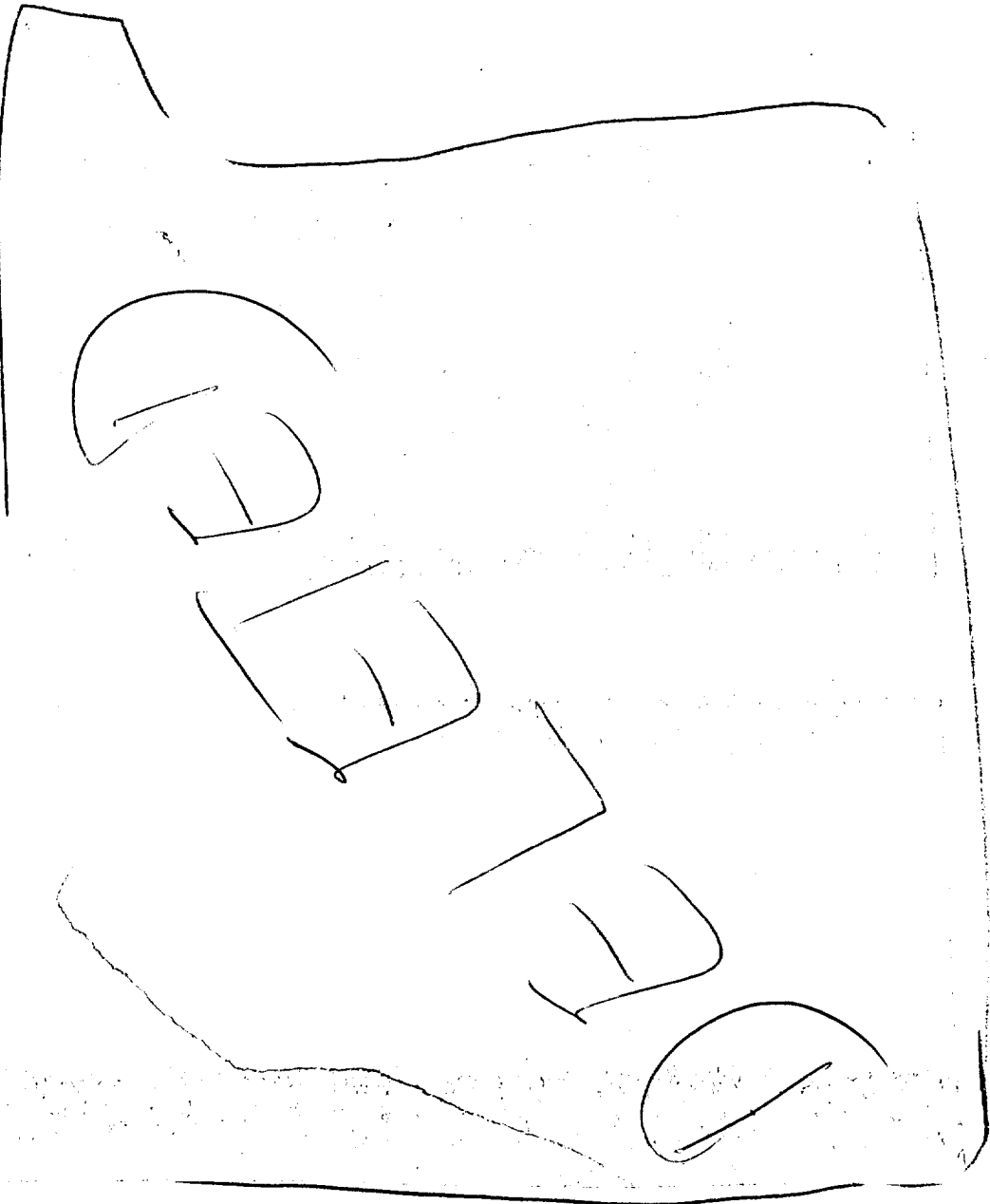
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Item 81

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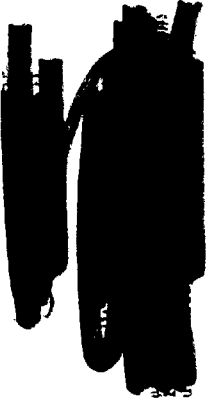
Item 83

ACCESSION NUMBER 65738
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 74132
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng-48
REPORT NUMBER Ucr1-4260
AUTHOR Spies, R
CORPORATE AUTHOR CODE 4385450033
CORPORATE AUTHOR Lawrence Radiation Laboratory. Livermore.
TITLE CLASSIFICATION U
TITLE Description Of The Castle Diagnostic Detectors
(U)
CLASSIFICATION Scl
PAGINATION 4P
SUBJECTS Castle - Diagnostics
Photomultiplier Tubes
Scintillation Detectors
Diagnostic Experiments - Instrumentation
074132001;
530104
890929

ITEM CIRC NUMBERS
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DATE ADDED

Item 84

ACCESSION NUMBER 65742
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 74136
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng-48
REPORT NUMBER Ucr1-4265
AUTHOR Owren, Harvey M
CORPORATE AUTHOR CODE 4385450033
CORPORATE AUTHOR Lawrence Radiation Laboratory. Livermore.
TITLE CLASSIFICATION U
TITLE Castle Electronic Diagnostic Preoperational
Report. Volume 1C, Bravo Electronic Installations
(U)
CLASSIFICATION Crd
PAGINATION 213P
SUBJECTS Castle - Diagnostics



Bravo - Diagnostics
Diagnostic Experiments - Instrumentation
074136001;
531201
900111

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Item 85

ACCESSION NUMBER 65763
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 74157
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng-48
REPORT NUMBER Ucr1-4245
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

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Item 87

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

Item 88

65997
ACCESSION NUMBER
CAT
74391
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
Eng
W-7405-eng-48
LANGUAGE CODE
Ucrl-4274
CONTRACT NUMBER
Ross, W N
REPORT NUMBER
4385450033
AUTHOR
Lawrence Radiation Laboratory. Livermore.
CORPORATE AUTHOR CODE
CORPORATE AUTHOR
U
TITLE CLASSIFICATION
Mechanical Engineering Report, January 1-9, 1954
TITLE
(U)
Cd1
2P
CLASSIFICATION
PAGINATION
SUBJECTS
Castle - Diagnostics
07439101B;07439102B;07439103B;
540111
ITEM CIRC NUMBERS
900111
ISSUE DATE
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ACCESSION NUMBER 65998
RECORD TYPE CAT
DOCUMENT'S ACCESSION NUMBER 74392
LANGUAGE CODE Eng
CONTRACT NUMBER W-7405-eng-48
REPORT NUMBER Ucrl-4287
AUTHOR Violet, Charles E
White, R Stephen

CORPORATE AUTHOR CODE
CORPORATE AUTHOR
TITLE CLASSIFICATION U
TITLE Proposal For Detecting High Energy Neutrons (U)
CLASSIFICATION Sid Sigma 1 Awd
PAGINATION 17P
SUBJECTS Neutron Spectra - Measurements
Nuclear Explosions - Neutron Emission
Castle - Diagnostics
07439201A;07439203A;07439205A;
540203
890929

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

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Item 91

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

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

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

CLASSIFICATION
PAGINATION
SUBJECTS

Summary Of Devices Tested, Trinity To Castle,
Inclusive With Brief Notes On Purposes And
Results (U)
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;
54000

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66261
ACCESSION NUMBER
CAT
RECORD TYPE 74655
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE W-7405-eng-48
CONTRACT NUMBER Ucr1-4532;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
TITLE Redwing (U)
CLASSIFICATION Srd Sigma 1 Awd
PAGINATION 9P
SUBJECTS Bassoon
Redwing
ITEM CIRC NUMBERS 07465522A;07465523A;07465524A;
ISSUE DATE 550630
DATE ADDED 890929

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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

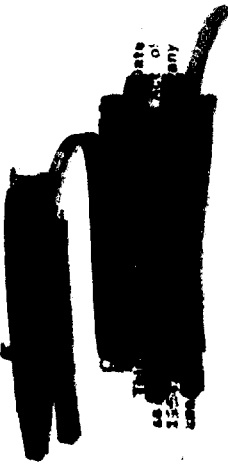
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unauthori
RECORD TYPE CAT 75019
DOCUMENT'S ACCESSION NUMBER Eng
LANGUAGE CODE W-7405-eng-48
CONTRACT NUMBER Ucl1-4828
REPORT NUMBER Ralston, H Robert
AUTHOR 4385450033
CORPORATE AUTHOR CODE Lawrence Radiation Laboratory. Livermore.
CORPORATE AUTHOR U
TITLE CLASSIFICATION Redwing Subcritical Measurements (U)
TITLE Srd Sigma 2 Awd
CLASSIFICATION 55P
PAGINATION Redwing
SUBJECTS 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 Ucl1-4858
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 060000
ISSUE DATE 900110
DATE ADDED

Item 101

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Item 102

67134
ACCESSION NUMBER
CAT
RECORD TYPE
75528
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE
W-7405-eng-48
CONTRACT NUMBER
Ucrl-5510
REPORT NUMBER
Gilbert, Francis C
Freder, Stanley C
AUTHOR
4385450033
CORPORATE AUTHOR CODE
Lawrence Radiation Laboratory. Livermore.
CORPORATE AUTHOR
U
TITLE CLASSIFICATION
External Neutron Measurements, Operation Hardtack,
Phase 1 (U)
TITLE
Srd Sigma 1 Awd

CLASSIFICATION
PAGINATION
SUBJECTS

39P
Flamingo.
Whistle
Hickory. - Yields ✓
Maple - Yields ✓
Hickory - Neutron Emission ✓
Maple. - Neutron Emission ✓
Phonex
07552801A;07552811A;07552829A;
590306
890929

ITEM CIRC NUMBERS
ISSUE DATE
DATE ADDED

Item 103

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



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Item 104

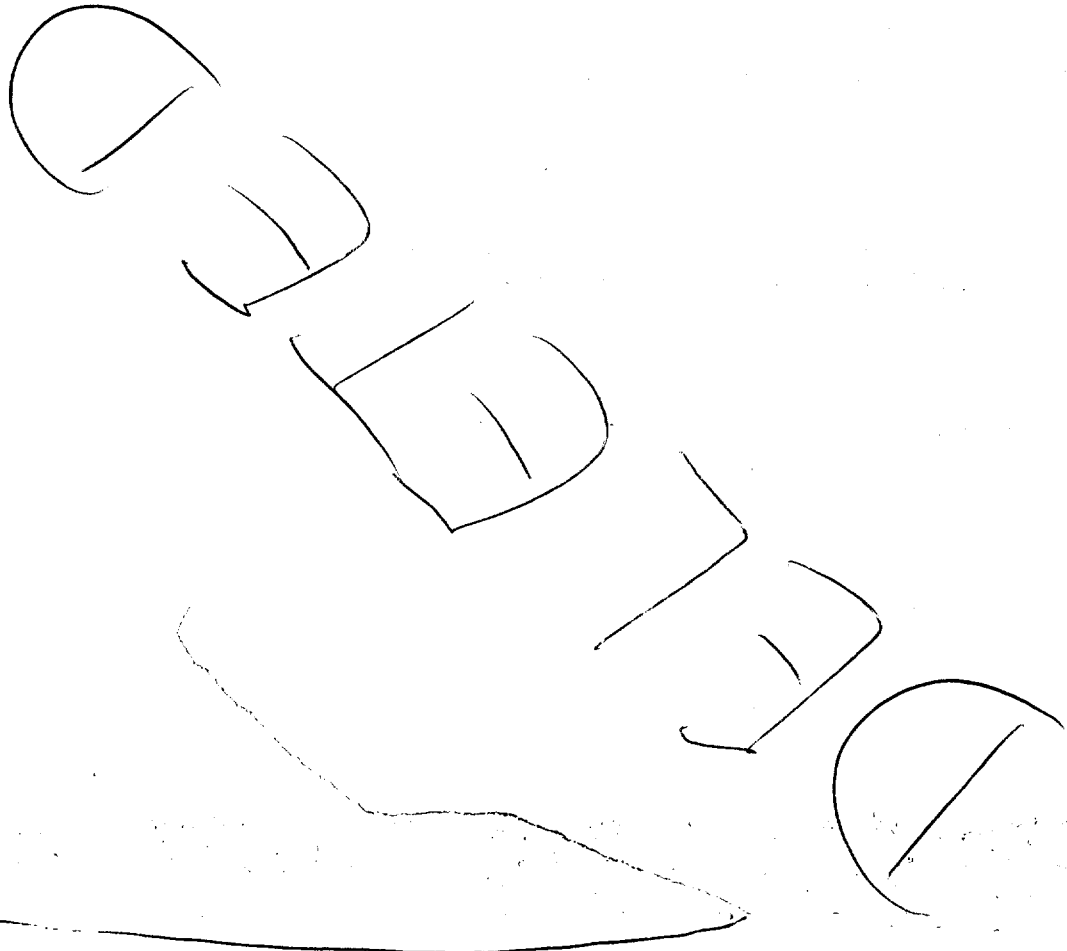
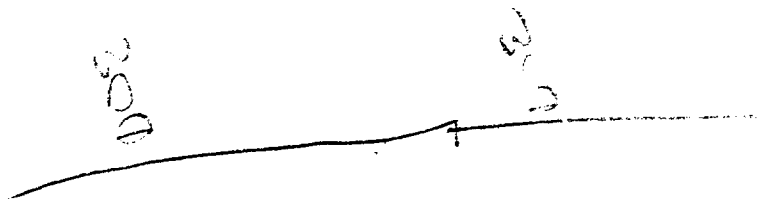
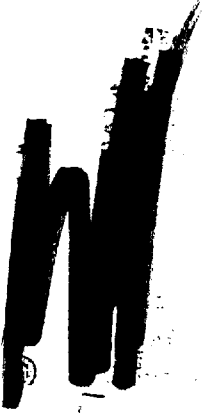
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Ucrl-6283
Wouters, Louis F
4385450033
Lawrence Radiation Laboratory. Livermore.
U
Operation Redwing, Postoperational Report For
Program 22, Reaction History Measurements (U)
Srd Sigma 1 Awd.
125P
Redwing
07667602A;07667604A;
610201
890929

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76676
Eng
W-7405-eng-48
Ucrl-6283
Wouters, Louis F
4385450033
Lawrence Radiation Laboratory. Livermore.
U
Operation Redwing, Postoperational Report For
Program 22, Reaction History Measurements (U)
Srd Sigma 1 Awd.
125P
Redwing
07667602A;07667604A;
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890929

Item 105

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Item 108

71149
ACCESSION NUMBER
CAT
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
79543
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)
TITLE
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
RECORD TYPE
DOCUMENT'S ACCESSION NUMBER
79544
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)
TITLE
Srd Sigma 2 Awd
CLASSIFICATION
IP
PAGINATION
Hardtack - Yields
SUBJECTS
Hardtack - Radiochemistry
Nuclear Weapons - Yields
ITEM CIRC NUMBERS
079544021;

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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
CLASSIFICATION Yield Calculations By Diagnostics Methods (U)
PAGINATION Srd Sigma 1 Awd
SUBJECTS 5P
Plumbbob - Yields
Hardtack Phase 2 - Yields
Hardtack - Yields

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

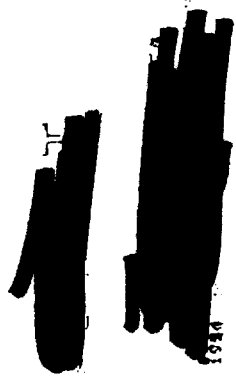
Item 111

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
TITLE Spectral Shift Of Minimum, The Flathead Spectrum

CLASSIFICATION (U)
PAGINATION Crd Sigma 3 Awd
SUBJECTS 72P
Flathead
Redwing

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



Item 112

105076
ACCESSION NUMBER
CAT
RECORD TYPE
116031
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE
De-ac08-76Nv01183
CONTRACT NUMBER
Egg-1183-5063;Lad-9100
REPORT NUMBER
2674621191
CORPORATE AUTHOR CODE
Edgerton, Germeshausen And Grier. Los Alamos, N.
CORPORATE AUTHOR
Mex.

U
TITLE CLASSIFICATION
Operation Redwing, Analysis Of The Flathead And
Navajo Chord Experiments (U)
TITLE
Srd Sigma 1 Awd
CLASSIFICATION
134P
PAGINATION
Redwing
SUBJECTS
Nuclear Weapons - Testing
ITEM CIRC NUMBERS
11603134A;
ISSUE DATE
790601
DATE ADDED
890927

Item 113

115079
ACCESSION NUMBER
CAT
RECORD TYPE
126106
DOCUMENT'S ACCESSION NUMBER
Eng
LANGUAGE CODE
W-7405-eng-36
CONTRACT NUMBER
La-9941-ms
REPORT NUMBER
Watt, R E
AUTHOR
4504089175
CORPORATE AUTHOR CODE
Los Alamos National Laboratory. Nm.
CORPORATE AUTHOR
(u)
TITLE CLASSIFICATION
Measurements Of Gamma-ray Intensity Produced By
The Castle Romeo And Union Nuclear Explosions At
Late Times ((u))
TITLE
(srd Sigma 1 Nwd)

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

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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

