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*Martha - 310 pages in order
received, consecutively*

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Secret

JUN 16 1994

Armed Forces Special Weapons Project, AFSWP-507
Washington

Radioactive fall-out hazards from surface bursts of very high yield nuclear weapons. Technical analysis report.

D.C. Borg, et al May 1954 76p.

Armed Forces
Special Weapons
Project, Wash.
Borg, D C
Gates, L D
Gibson, T A., Jr.
Paine, R W., Jr.
1. Castle
2. Bravo Burst—
Fall Out
3. Fall Out

ARA-M-5100

Secret

Allied Research Associates, Inc.
Preliminary positions for the
B-36D and the B47B in operation
Castle. Memorandum.

4 January 1954 17p.

5. Airplane B-47B—
Blast EffectsARA-M-5100
Allied Research
Associates, Inc.
1. Castle
2. Airplane B-36D
—Thermal Radia-
tion Effects
3. Airplane B-36D
—Blast Effects
4. Airplane B-47B
—Thermal
Radiation Effects

ARA-M-5101

Secret

Allied Research Associates, Inc.
Preliminary study of aircraft
position for operation Castle.
Memorandum.

4 January 1954 9p.

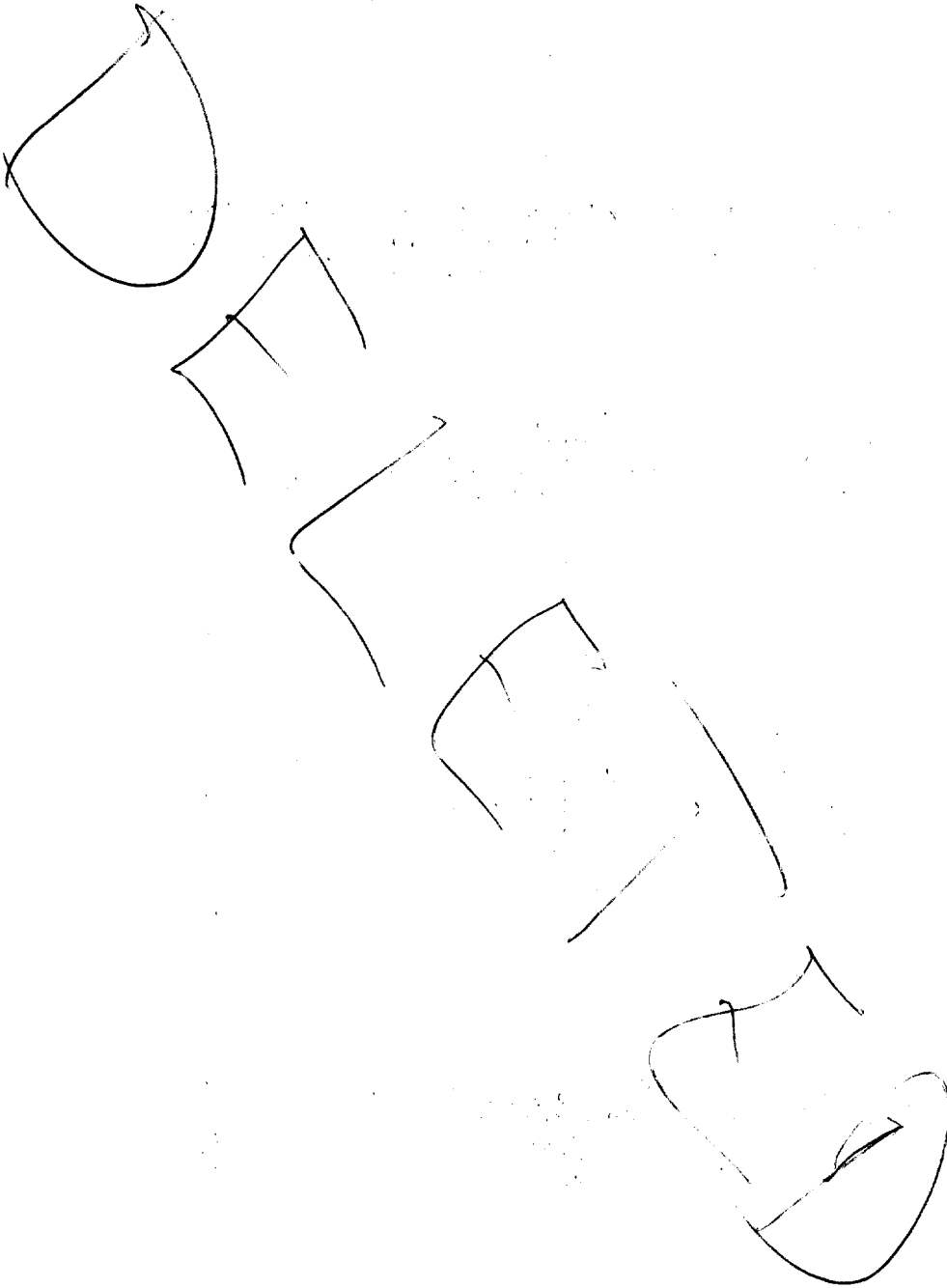
ARA-M-5101
Allied Research
Associates, Inc.
1. Castle
2. Airplanes—
Thermal Radiation
Effects
3. Airplanes—
Blast Effects

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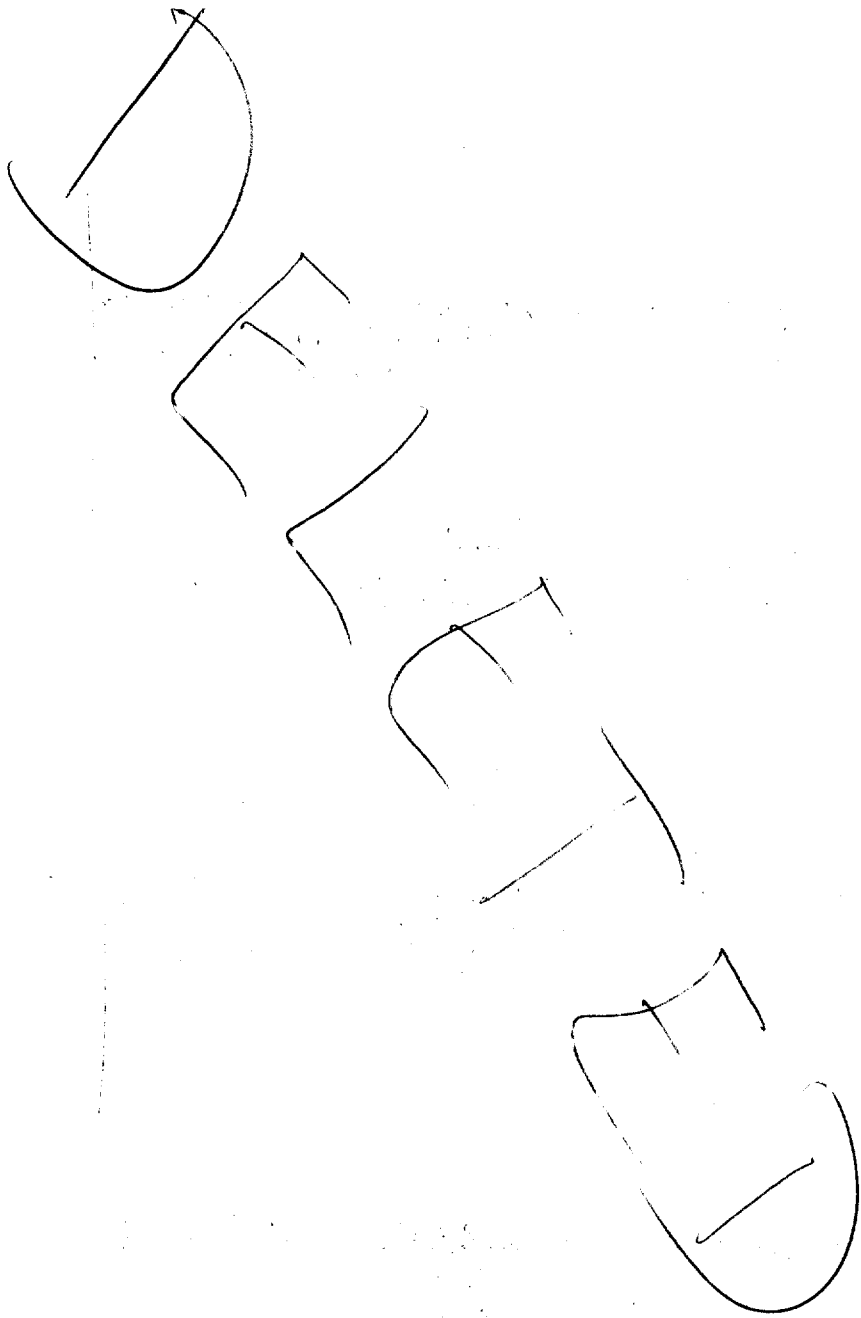
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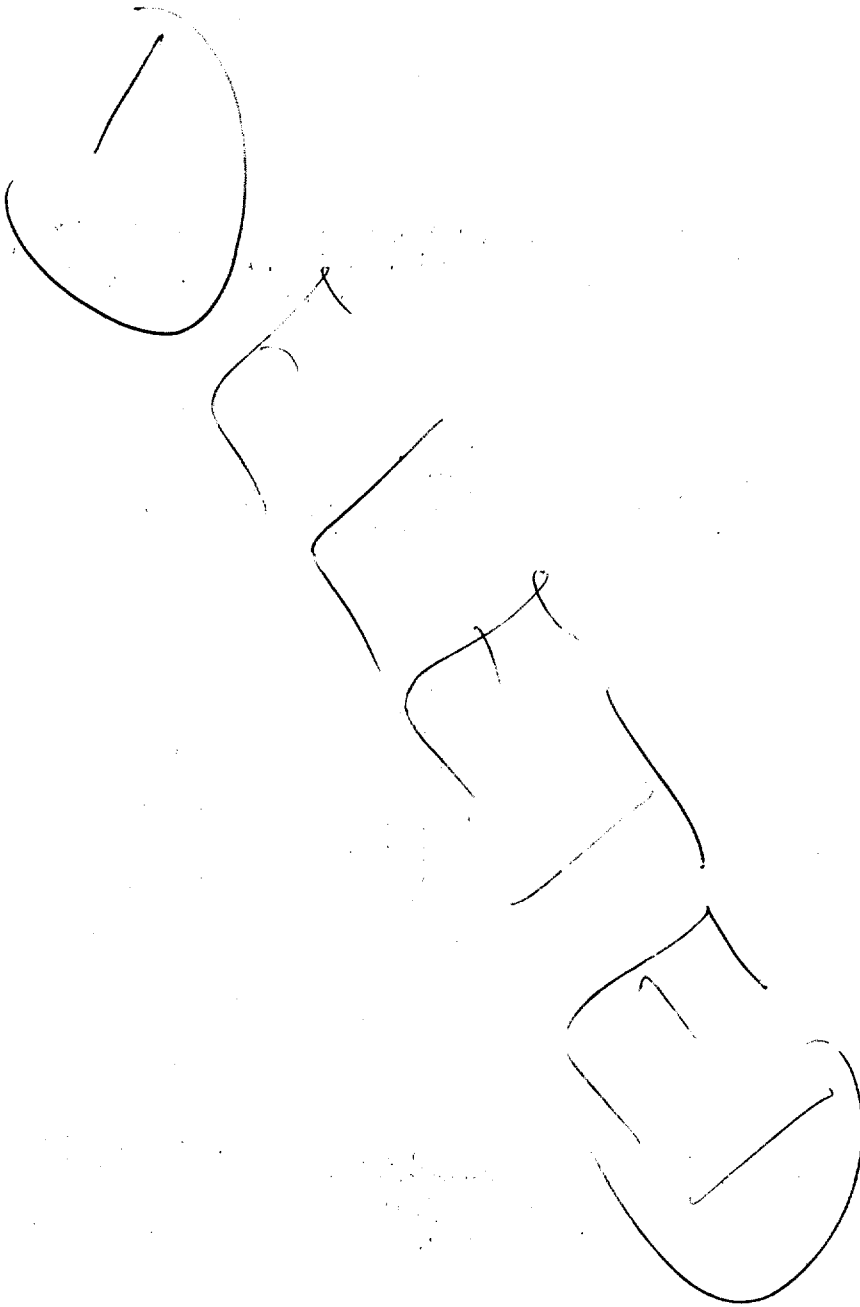
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JUN 16 1994

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Secret

JUN 16 1994



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JUN 16 1994

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CASTLE HANDBOOK

Los Alamos Scientific Laboratory
A handbook for operation Castle.
Aamodt, et al Jan. 1, 1954 263p.

Augh. No. XXVIII-1440-20A

1. Castle

~~SECRET~~ SECRETCASTLE HANDBOOK
LASL

Aamodt, Robert Lee
Biggers, Wendell
Brown, Harold
Brown, Leon J
Browne, Charles I
Byerly, Paul
Cowan, George A
Cox, Arthur N
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DIRX-434

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DIRX-437

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EG & G-1092

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Edgerton, Germeshausen & Grier
Castle pre-operational photoplan.
Projects 13.1, 13.2, 13.3, 1.1a,b,c.
28 August 1953 46p.

EG & G-1092
Edgerton,
Germeshausen
& Grier
EG & G Out-1172
1. High Speed
Photography
2. Castle

CONFIDENTIAL-RO

EG&G-1096

Edgerton, Germeshausen & Grier,
Inc.
Light transmission requirements
for Castle Program 13.1.
30 October 1953 7p.

EG&G-1096
Edgerton,
Germeshausen &
Grier, Inc.
EG&G-OUT-1254
1. Castle
2. Ball of Fire--
Measurement

3. castle

EG&G-OUT-777

Secret

Edgerton, Germeshausen & Grier, Inc.
Progress reports for the month
of July 1952 through December
1952 and January 1953 through
June 1953.
1952 and 1953 43p.

EG&G-OUT-777
Edgerton, Germes-
hausen & Grier, Inc.
EG&G-OUT-778
EG&G-OUT-779
EG&G-OUT-780
EG&G-OUT-781
EG&G-OUT-782
EG&G-OUT-783
EG&G-OUT-784
EG&G-OUT-785
EG&G-OUT-786

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EG&G-OUT-777

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EG&G-OUT-787

EG&G-OUT-788

1. Ivy
2. Upshot
3. Castle

EG & G OUT-1250

Secret

Edgerton, Germeshausen & Grier
Inc.

Progress for the month of
September, 1953.

30 Sept. 1953 13p.

EG & G OUT-1250

Edgerton, Germeshausen
& Grier, Inc.

1. Timing Circuits
2. Castle
3. Telemetering
Systems
4. Bhangmeters
5. X-Units

EG&G-OUT-1306B

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EG&G-OUT-1551

Secret

Edgerton, Germeshausen & Grier,
Inc.

Progress report for the month
of March, 1954. Contract
No. AT(29-1)-1183.

31 March 1954 21p.

EG&G-OUT-1551

Edgerton,
Germeshausen &
Grier, Inc.

1. Castle
2. Bravo Burst
3. X-Units
4. Donut
5. Timing Circuits

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EG&G-OUT-1564

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Edgerton, Germeshausen & Grier, Inc.
Progress for the month of April
1954.

April 30, 1954 19p.

EG&G-OUT-1564

Edgerton,
Germeshausen &
Grier, Inc.

1. Castle
2. Nevada Proving
Grounds
3. X-Units

EG&G-OUT-1587, Vol. 1

Secret

JUN 16 1994

Edgerton, Germeshausen & Grier, Inc.
Castle film data sheet catalog.
Shots: Bravo, Romeo, and Koon.
Volume 1 of 2 volumes.
16 July 1954 192p.

EG&G-OUT-1587,
Vol. 1
Edgerton,
Germeshausen &
Grier, Inc.
EG&G-1141, Vol. 1
1. Bravo Burst
2. Romeo Burst
3. Koon Burst
4. Castle

EG&G-OUT-1587, Vol. 2

Secret

Edgerton, Germeshausen & Grier, Inc.
Castle film data sheet catalog.
Shots: Union, Yankee, and Nectar.
Volume 2 of 2 volumes.
16 July 1954 159p.

EG&G-OUT-1587,
Vol. 2
Edgerton,
Germeshausen &
Grier, Inc.
EG&G-1141, Vol. 2
1. Nectar Burst
2. Union Burst
3. Yankee Burst
4. Castle

EG&G-OUT-1751

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Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF
DECEMBER, 1954.
Dec. 31, 1954 36p.

1. Teapot
2. Redding--Photo-
graphy
3. Castle
4. Triggered Mark
Caps
5. Wigwam
I. Edgerton, Germes-
hausen & Grier, Inc

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FILM-Y-29 (Film: SECRET) Card: UNCLASSIFIED

Los Alamos Scientific Lab., N. Mex.
TU 4 HANDLING PROBLEMS OPERATION
CASTLE. (MOTION PICTURE). 1954.
10 min., silent, bw. & color, 16 mm.

1. Castle
2. Handling
Equipment (WD)
3. Loading
Operations (WD)
1. Corp. Author

N5

1/62

FWC-M61

Secret

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HLJ-LA-1

Secret

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HN-LA-9

(Holmes & Narver, Inc.)
Barge Stations. Operation
Castle.
n.d. 76p.

Confidential

HN-LA-9
(Homes & Narver, Inc.)
1. Castle

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HN-LA-12

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Secret

JUN 16 1994

Holmes & Narver, Inc.
Monthly narrative report.
June 15, 1954 60p.

HN-LA-12
Holmes & Narver, Inc.
1. Castle

HN-LA-31

Secret

Holmes and Narver, Inc.
Completion report, Operation
Castle, 1953 - 1954.
n.d. 412p.

HN-LA-31
Holmes & Narver, Inc.
1. Castle

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LA-9941-MS (Rpt:Secret/RD)
Los Alamos National Laboratory.
MEASUREMENTS OF GAMMA-RAY INTENSITY
PRODUCED BY THE CASTLE ROMEO AND UNION
NUCLEAR EXPLOSIONS AT LATE TIMES (U).
Bob E. Watt, comp. Feb. 1984. 36 p.

CD: Unclass.
I. Auth.
II. Corp. Auth.
1. Romeo burst
2. Union burst
3. Castle
4. Bravo burst

JUN 16 1994

3-5-84

c.16A thru 35A

N8

EWE

J-15297

WD-family

Secret

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J-16351

Los Alamos Scientific Laboratory
Notes on Pogo Meeting, 18
February 1953.
William Ogle Feb. 24, 1953 5 pp

Secret.

J-16351
LASL
Ogle, William
1. Castle
2. Radiochemistry
3. Scaling Laws
4. Thermal
Radiation
5. Upshot--"Alpha"
Measurements

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DOE

JUN 16 1994

J-17390

Secret

Los Alamos Scientific Laboratory
Summary of notes on a meeting
held at Los Alamos, New Mexico,
March 3 and 4, 1953 with
representatives of the Depart-
ment of Defense and J-Division
to discuss Castle Planning
with particular reference to TU-13.
(DOD Program).

J-17390
LASL
Ogle, Wm. E. (Ed)
1. Castle

William E. Ogle (Ed.) n.d. 45 p.

J-20715

Secret

Los Alamos Scientific Laboratory
Notes on Pogo staff meeting,
July 1, 1953.
William Ogle n.d. 5p.

J-20715
LASL
Ogle, William
1. Castle

J-20716

Secret

Los Alamos Scientific Laboratory
Notes on Pogo staff meeting.
William Ogle 23 Sept. 1953
6p.

J-20716
LASL
Ogle, William
1. Castle

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JF-8305

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JTF-7 TG-7.3

Secret

Navy. Joint Task Force Seven.
Task Group 7.3
Final report on Operation
Castle.
June 14, 1954 372p.

JTF-7 TG-7.3
Navy. Joint Task
Force Seven.
Task Group 7.3
1. Castle

JTF-7 TG-7.4

Secret

Air Force. Joint Task Force Seven.
Task Group 7.4.
Final report of the Commander Air
Task Group 7.4 on Operation Castle.
July 1953 - June 1954
112p.

JTF-7 TG-7.4
Air Force. Joint Task
Force Seven. Task
Group 7.4
1. Castle
2. Sample Collection

SECRET

JUN 16 1964

JTF-132 - Castle (Report: SECRET)

Joint Task Force 132

REPORT BY THE COMMANDER,
JOINT TASK FORCE 132, CASTLE.
(ARMED FORCES PARTICIPATION IN
THE 1953 EXPERIMENTAL NUCLEAR
AND THERMONUCLEAR TESTS AT
ENIWETOK/BIKINI.) 45p.

Cd: UNCLASSIFIED

1. Corp. Auth.

1. Castle

8-24-65

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LAMD-1186

card 2

~~Secret~~ Secret

5. Greenhouse	16. Easy Burst	27. Buster
6. Buster	17. Buster Burst A	Burst B
7. Tumbler-Snapper	18. Dog Burst	28. Buster
8. Upshot-Knothole	19. George Burst	Burst C
9. Ivy	20. Item Burst	29. Buster
10. <u>Castle</u>	21. Charlie Burst	Burst D
11. X-Ray Burst	22. Ranger Burst A	30. Buster
12. Yoke Burst	23. Ranger Burst B	Burst E
13. Zebra Burst	24. Ranger Burst B ₂	(Cont'd on
14. Able Burst	25. Ranger Burst E	card 3)
15. Baker Burst	26. Ranger Burst F	

LAMD-1186

card 3

~~Secret~~ Secret

31. Tumbler-Snapper Burst 1	43. Upshot-Knothole Clixax
32. Tumbler-Snapper Burst 2	44. Upshot-Knothole Dixie
33. Tumbler-Snapper Burst 3	45. Upshot-Knothole Grable
34. Tumbler-Snapper Burst 4	46. Upshot-Knothole Harry
35. Tumbler-Snapper Burst 5	47. Upshot-Knothole Encore
36. Tumbler-Snapper Burst 6	48. Upshot-Knothole Nancy
37. Tumbler-Snapper Burst 7	49. Upshot-Knothole Ray
38. Tumbler-Snapper Burst 8	50. Upshot-Knothole Ruth
39. Mike Burst	51. Upshot-Knothole Simon
40. King Burst	52. Mark III Weapon
41. Upshot-Knothole Annie	(Cont'd on card 4)
42. Upshot-Knothole Badger	

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LAMD-1186

18

Secret

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LAMD-1186

Secret

Los Alamos Scientific Laboratory
California. University. Radiation
Lab. Livermore Site.

The necessity for and value of
continental tests.

Darol Froman August 28, 1953
24p.

Auth. No. CX-827-14A

LAMD-1186

LASL.

Calif. U. Radiation
Lab. Livermore Site

Froman, Darol F

1. Pacific Proving
Grounds

2. Nevada Proving
Grounds

3. Sandstone

4. Ranger

(Cont'd on card 2)

LAMD-1234

Secret

LASL. Ostrich Staff

Minutes of the Ostrich Staff for
December 1952 to August 1953.

(Also minutes on TX-14 and Upsho
Harold Agnew, et al 1952-1953 21p.

LAMD-1234

LASL. Ostrich Staff

Agnew, Harold M

Diven, Benjamin C

Shreffler, Robert G

Mark, Carson

Wechsler, Jacob J

Grover, George M

Leland, Wallace T

Holloway, Marshall

G.

MacDougall, Duncan I

2. Castle

(Cont'd on card 2)

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31

JUN 16 1994

LAMD-1234

card 2

Secret

Bright, William C	DIRX-83	DIRX-148
Ostrich-25	DIRX-86	DIRX-155
Ostrich-24	DIRX-88	DIRX-157
Ostrich-23	DIRX-97	DIRX-161
Ostrich-22	DIRX-98	DIRX-166
Ostrich-21	DIRX-101	DIRX-178
Ostrich-20	DIRX-107	DIRX-187
Ostrich-19	DIRX-113	DIRX-189
DIRX-71	DIRX-124	DIRX-198
DIRX-74	DIRX-126	DIRX-209
DIFX-75	DIRX-129	DIRX-219
DIRX-77	DIRX-141	(Cont'd on card 3)

LAMD-1234

card 3

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DIRX-214	GMX-847	Ostrich-8
DIRX-213	T-505 R/S-3286	Ostrich-7
DIRX-226	Ostrich-18	Ostrich-6
DIRX-246	Ostrich-17	Ostrich-5
DIRX-251	Ostrich-16	Ostrich-4
DIRX-262	Ostrich-15	Ostrich-3
DIRX-269	Ostrich-14	Ostrich-2
DIRX-284	Ostrich-13	Ostrich-1
DIRX-315	Ostrich-12	1. Ostrich Program
DIRX-336	Ostrich-11	2. Castle
DIRX-353	Ostrich-10	3. Upshot-Knothole
DIRX-137	Ostrich-9	

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LAMD-1284

Secret

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Los Alamos Scientific Laboratory
Appendices TU-4 assembly manuals.
1954 80p.

LAMD-1284
LASL
W-1-2988
W-1-3059
W-1-3084
W-1-3091
W-1-3057
18Y-62298
LACS-AT-1
GMX-7-618
GMX-7-617
GMX-7-616
TU-4-35

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LAMS-2605 (Report: SECRET) card: UNCLASSIFIED

Los Alamos Scientific Lab., N. Mex.
CASTLE AND TEAPOT ELF EM SIGNALS,
ALBERT LOOP DATA. John Malik,
Roger Ray and Neel Glass. July 20, 1961.
19p.

1. Electromagnetic
Detection (WD)
2. Castle
3. Teapot
- I. Authors (3)
- II. Corp. Author

N8

LML-LA-1

CONFIDENTIAL

Lookout Mountain Laboratory
OPERATION CASTLE STILL
PHOTOGRAPHY CATALOGUE.
BOOK 1 OF 9.
n.d. 100p.

1. Castle
- I. Lookout
Mountain
Laboratory

LML-LA-2

CONFIDENTIAL

Lookout Mountain Laboratory
OPERATION CASTLE STILL PHOTO-
GRAPHY CATALOGUE. BOOK 2 OF 9.
n.d. 100p.

1. Castle
- I. Lookout Mountain
Laboratory


LML-LA-3

Lookout Mountain Laboratory
OPERATION CASTLE STILL
PHOTOGRAPHY CATALOGUE.
BOOK 3 OF 9.
n.d. 100p.

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1. Castle
- I. Lookout
Laboratory

LML-LA-4

Lookout Mountain Laboratory
OPERATION CASTLE, STILL PHOTO-
GRAPHY CATALOGUE. BOOK 4 OF 9.
n.d. 101p.

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1. Castle
- I. Lookout Mountain
Lab.

LML-LA-5

Lookout Mountain Laboratory
OPERATION CASTLE STILL PHOTO-
GRAPHY CATALOGUE. BOOK 5 OF 9.
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Lookout Mountain Laboratory
OPERATION CASTLE STILL PHOTO-
GRAPHY CATALOGUE. BOK 6 OF 9.
n.d. 58p.

1. Castle
- I. Lookout Mountain
Laboratory

LML-LA-7

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Lookout Mountain Laboratory
OPERATION CASTLE STILL PHOTO-
GRAPHY CATALOGUE. BOOK 7 OF 9.
n.d. 62p.

1. Castle
- I. Lookout Mountain
Laboratory

LML-LA-8

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Lookout Mountain Laboratory
OPERATION CASTLE STILL
PHOTOGRAPHY CATALOGUE.
BOOK 8 OF 9.
n.d. 47p.

1. Castle
- I. Lookout
Mountain
Laboratory

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LML-LA-9

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Cd: UNCLASSIFIED

Lookout Mountain Laboratory
OPERATION CASTLE STILL
PHOTOGRAPHY CATALOGUE.
BOOK 9 OF 9.
n.d. 69p.

1. Castle
- I. Lookout
Mountain Lab.

JTF-7-Log. S-422-54W, Vol. I

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LASL. Joint Task Force Seven.
TASK GROUP 7.1
FINAL REPORT, RADIOLOGICAL
SAFETY, OPERATION CASTLE,
SPRING, 1954.
n.d. 406p.

1. Bravo Burst
2. Union Burst
3. Yankee Burst
4. Koon Burst
5. Nectar Burst
6. Romeo Burst
7. Castle
- I. LASL. Joint Task
Force Seven. Task
Group 7.1

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JTF-7-Order 1-54

Secret

JUN 16 1994

LASL. Joint Task Force Seven.
Task Group 7.1
Commander Task Group 7.1, Joint
Task Force Seven Operation
Order No. 1-54.

28 June 1954 4p.

JTF-7-Order 1-54
LASL. Joint Task
Force Seven. Task
Group 7.1

J3-1

1. Castle
2. Redwing

NBS-3C106 (Report: SECRET) Cd: SECRET RD SET-1A
National Bureau of Standards, Wash., D.C. I. Authors (4)
MEASUREMENT OF ELECTROMAGNETIC II. Corp. Auth.
EFFECTS DURING OPERATION CASTLE. III. BL-Control No.
John A. Kemper, Robert H. Doherty, 8623
William H. Lupton and Donald M. Waters. 1. Castle
December 1, 1954. 72p. 2. Electromagnetic
Radiation

SRD letter attached to copy 1-LASL-A

7-18-66

LA-115-66-9
& Master

NDL-TR-74 (Report: SECRET) Cd: UNCLASSIFIED
Nuclear Defense Lab., Edgewood Arsenal,
Md.
GAMMA DOSE RATE COMPILATION (U).
W.E. Loewe, J.W. Mandler, T.G.
Stinchcomb and W.E. Zagotta.
June 1966. 251p.

- I. Authors (4)
- II. Corp. Auth.
 1. Gamma Radiation
 2. Greenhouse
 3. Buster-Jangle
 4. Tumbler
 5. Ivy
 6. Castle
 7. Redwing
 8. Plumbbob
 9. Hardtack
 10. Sun Beam
 11. Fish Bowl

9-12-66

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NRDL-3689 (Report: SECRET)

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NRL-4875 (Report: SECRET)

Naval Research Lab., Wash., D.C.
COMPENDIUM OF THE MEASUREMENTS
OF RELATIVE POWER AS A FUNCTION
OF TIME. J.E. Perry. April 1, 1957.
65p.

1. Greenhouse
2. Tumbler-Snapper
3. Ivy
4. Castle
5. Teapot
6. Atomic Explosions
--Measurement
- I. Personal Author
- II. Corp. Author
- III. RD 00703

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Rand Corporation
 Rand Sunshine Project Conference
 December 16, 17, 18, 1953 at
 Santa Monica, California.
 Dec. 30, 1953 36p.

Sent on loan basis

RM-1175-AEC
 Rand Corp.
 1. Sunshine
 2. Mike Burst—
 Fall Out
 3. Castle
 4. Fall Out
 5. Long Range
 Detection
 6. Radio Chemical
 Detection
 (Weapon)

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Tempo-B7951-01 (Rpt:Secret/RD)
Joint Task Force SEVEN.
RADIOLOGICAL SAFETY, OPERATION CASTLE,
SPRING 1954 : VOLUME I : FINAL REPORT . [1954].
445 p.

Cd:Unclassified

- I. Corp. Auth.
1. Castle
2. Atomic
explosions--
Radiation effects
3. Fall-out--
Determination

3-27-86
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c.002-I

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Tempo-B7951-02 (Rpt:Secret/RD)
Joint Task Force SEVEN.
RADIOLOGICAL SAFETY, OPERATION CASTLE,
SPRING 1954 : VOLUME II : FINAL REPORT.
[1954]. 315 p.

Cd:Unclassified

- I. Corp. Auth.
1. Castle
2. Atomic
explosions--
Radiation effects
3. Fall-out--
Determination

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TM-119

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3. Castle--
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6. Castle--Thermal Radiation
7. Castle--Instrumentation
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Detection

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Detection

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5. Castle--Diagnostic Experiments
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1. Greenhouse--
Cloud
2. Greenhouse--
Sampling
3. Jangle--Base
Surge
4. Jangle--Cloud
Formation

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B--Ball of
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3. Buster Burst C- Ball of Fire

4. Buster Burst E- Ball of Fire

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3. Eastman High
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4. Pastat Camera

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2. Atomic Explo-
sions - Cloud
Formation

3. AE - Fall Out

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7. AE - Prompt Radiation

8. AE - Residual Radiation

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13. Greenhouse - Administra-
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Froman, Darol F

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Grounds

2. Nevada Proving
Grounds

3. Sandstone

4. Ranger
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LAMD-1186

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Secret

5. Greenhouse

6. Buster

7. Tumbler-Snapper

8. Upshot-Knothole

9. Ivy

10. Castle

11. X-Ray Burst

12. Yoke Burst

13. Zebra Burst

14. Able Burst

15. Baker Burst

16. Easy Burst

17. Buster Burst A

18. Dog Burst

19. George Burst

20. Item Burst

21. Charlie Burst

22. Ranger Burst A

23. Ranger Burst B

24. Ranger Burst B₂

25. Ranger Burst E

26. Ranger Burst F

27. Buster

Burst B

28. Buster

Burst C

29. Buster

Burst D

30. Buster

Burst E

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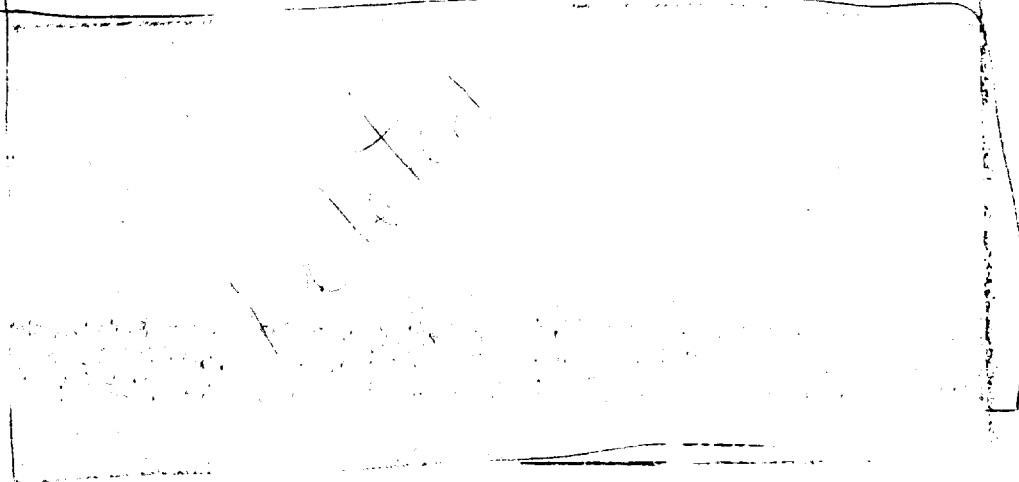
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Krause, E H
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Krause, E H
Greenhouse
1. Greenhouse -
Instrumentation


NRL-B-30

Naval Research Laboratory
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position.
J. R. de Launay May 1950 4 pp

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RDS-1056
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Hall et al 2 January 1951
22 pp

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2. Ionization
Chambers

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August 1951 150p.

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JUN 16 1994

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Part I.

14 July 1949 12 pp

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DATA. REPORT NO. 1062. September 5, 1951.
10p.

CD: UNCLASS.

- I. Corp. Auth.
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7/26/78

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Los Alamos Scientific Lab., J-Div.
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60 pp

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Greenhouse

1. Atomic Explo-
sions
2. Blast Damage
3. Blast Measure-
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4. Eniwetok
5. Greenhouse--
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6. Greenhouse--
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3. Buster Burst C--Ball of Fire
4. Buster Burst E--Ball of Fire
5. Dog Burst--Ball of Fire
6. Easy Burst--Ball of Fire
7. George Burst--Ball of Fire
8. Item Burst--Ball of Fire
9. Jangle S Burst--Ball of Fire

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4. Item Burst--Ball of Fire
5. Greenhouse

1. Easy Burst--
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2. Dog Burst--
Ball of Fire
3. George Burst--
Ball of Fire

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Memorandum, Greenhouse diameter-
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19 August 1952 23p.

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4. Item Burst--Ball of Fire
5. Greenhouse

1. Dog Burst--
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F. B. Porzel 5 December 1950

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SD-4619

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3. Greenhouse -
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HIGH - RESOLUTION SPECTROSCOPY
AT IVY COMPARED WITH PREVIOUS
TESTS. OPERATION IVY, PROJECT
8.4.

Beck, Carl A Feb. 1955 159p.
22 illustrations

1. Ivy. Project 8.4
2. Ivy--Spectroscopy
3. Atomic Explosions--
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5. Buster-Jangle--Spectro-
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6. Tumbler-Snapper--
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- I. Beck, Carl A
- II. Naval Research Lab.

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| 6. Buster | 17. Buster Burst A | Burst B |
| 7. Tumbler-Snapper | 18. Dog Burst | 28. Buster |
| 8. Upshot-Knothole | 19. George Burst | Burst C |
| 9. Ivy | 20. Item Burst | 29. Buster |
| 10. Castle | 21. Charlie Burst | Burst D |
| 11. X-Ray Burst | 22. Ranger Burst A | 30. Buster |
| 12. Yoke Burst | 23. Ranger Burst B | Burst E |
| 13. Zebra Burst | 24. Ranger Burst B ₂ | |
| 14. Able Burst | 25. Ranger Burst E | (Cont'd on |
| 15. Baker Burst | 26. Ranger Burst F | card 3) |

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| 32. Tumbler-Snapper Burst 2 | 44. Upshot-Knothole Dixie |
| 33. Tumbler-Snapper Burst 3 | 45. Upshot-Knothole Grable |
| 34. Tumbler-Snapper Burst 4 | 46. Upshot-Knothole Harry |
| 35. Tumbler-Snapper Burst 5 | 47. Upshot-Knothole Encore |
| 36. Tumbler-Snapper Burst 6 | 48. Upshot-Knothole Nancy |
| 37. Tumbler-Snapper Burst 7 | 49. Upshot-Knothole Ray |
| 38. Tumbler-Snapper Burst 8 | 50. Upshot-Knothole Ruth |
| 39. Mike Burst | 51. Upshot-Knothole Simon |
| 40. King Burst | 52. Mark III Weapon |
| 41. Upshot-Knothole Annie | (Cont'd on card 4) |
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Item Shot.
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1. Pacific Proving
Grounds
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Grounds
 3. Sandstone
 4. Ranger
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Auth. No. CX-827-14A

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- Greenhouse--Cloud Formation
- 8. Greenhouse--Diagnostic Experiments
- 9. Greenhouse--Effects Experiments
- 10. Greenhouse--Instrumentation
- 11. Greenhouse--Thermal Radiation
- 12. Greenhouse--Total Gamma Radiation
- 13. Greenhouse--Transit Time
- 14. Neutrons--Detection & Measurement

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- 15. Structures--Blast Damage
- 16. Thermal Radiation--Detection & Measurement
- 17. Total Gamma Radiation--Detection & Measurement
- 18. Greenhouse--Photographic Analysis

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PRELIMINARY PRINTS OF
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1 August 1951 3lp.

- 1. Greenhouse--Photography
- 2. Rapatronic Photography
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Tracerlab, Inc., Boston, Mass.

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JUNE, 1950 THROUGH DECEMBER,

1951. VOLUME 3. L. J. Beaufait, Jr.,

A. DeHaan, Jr., L. Leventhal and

H.E. Menker. 85p.

I. Authors (4)

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1. Radiochemical
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4. Buster-Jangle--
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7-12-63

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CC-LA-2 Radiological Annex

Chemical Corps

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31 December 1951 40pp

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Chemical Corps

Greenhouse

Jangle

1. Greenhouse--
Cloud

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3. Jangle--Base
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Drummer, Louis F Jr.

Feb. 18, 1954 16p.

1. Teller Light--
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2. Greenhouse--
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III. S-3760-140/54 hm

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Buster

Greenhouse

Jangle

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1. High Speed
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2. Greenhouse

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7. Easy Burst--Ball of Fire

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1. Atomic Explosions
2. Blast Damage
3. Blast Measurements
4. Eniwetok
5. Greenhouse--
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6. Greenhouse--
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7. Greenhouse - Cloud Formation
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9. " - Effects Experiments
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15. Structures--Blast
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17. Total Gamma Radiation
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Measurement
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Apparatus and methods for the
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G.E. Davis 2 October 1952

35 pp

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TRANSMISSION. August, 1958. 57p.

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I. Corp. Author
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PART II - TOTAL THERMAL RADIATION.
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NEUTRON MEASUREMENTS: PART II -
EXTERNAL NEUTRON AND GAMMA
FLUX MEASUREMENTS BY SAMPLE
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Wendell A. Biggers and Leon J. Brown,
Editors. November, 1954. 140p.

1. Greenhouse.
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Measurement
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The biological effectiveness of
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(Preliminary report)
Carter, et al August 1951 47pp

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29 pp

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John C. Allred, Donald Davis Phillips,
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33lp.

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PICTURE). 1951. Produced for Joint

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46 pp

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E. H. Krause December 1, 1950
99 pp

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4. Greenhouse
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WD-Family

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- 7. Tenex
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ARA-125

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Zwemer and Fink Jan. 8, 1953 55p.

Auth. No. OA-XXVIII-1443-1A c.5B

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Assoc., Inc.

Zwemer, Howard A

Fink, Daniel J

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1. Airplane B-36H—
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Effects Experiment
4. King Burst
5. Mike Burst

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Aamodt, et al Jan. 1, 1954 263p.

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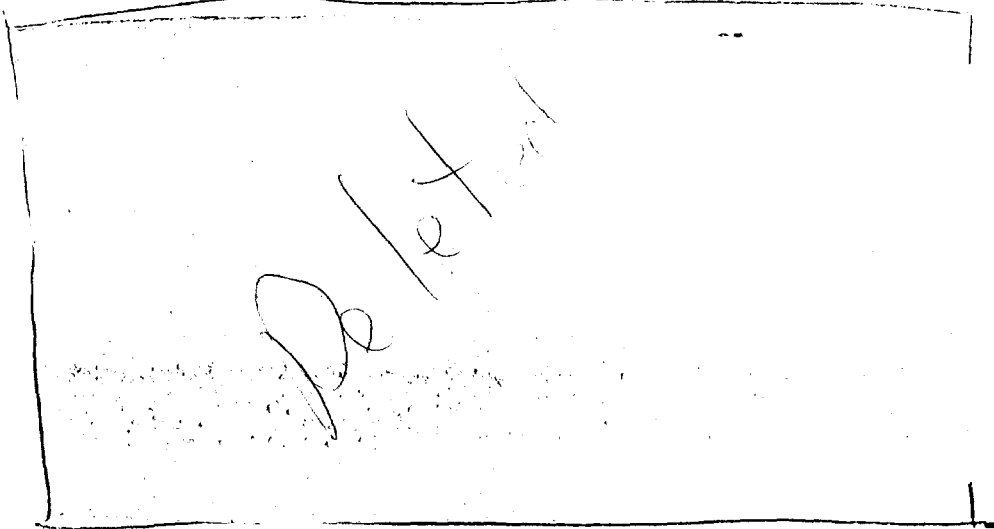
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LASL

Aamodt, Robert Lee
Biggers, Wendell
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Brown, Leon J
Browne, Charles I
Byerly, Paul
Cowan, George A
Cox, Arthur N
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Lookout Mountain Lab., Hollywood, Calif.
OPERATION IVY. MIKE AND KING
SHOTS. DASA PROJECT 21. (MOTION
PICTURE). 1952. Prepared by Lookout
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Scientific Laboratory, N. Mex. 15 min.,
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1. Ivy, Project 21
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1. Corp. Authors (2)

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2/62

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1952. Produced for Joint Task Force 132.
Reel I: 29 min., sd., color, 16 mm.
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Auth. No. OA-XXVIII-1446

5-10-71

print #1A

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IVY-HISTORY

Joint Task Force 132
History of Operation Ivy,
1951 - 1952.
Moore Jr. and Bechanan
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Gordon
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3. Mike Burst

J-14928

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JF-1021

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Firing party plan, CTG 132.1 Operations
Order #1-52. Appendix 1 to Annex I.
S.W. Burriss 26 Oct. 1952 13 pp

JF-1021
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Present status of Ivy experimental
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W. E. Ogle 30 January 1952 14 pp

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Ogle, William E
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1. Blast
Measurements
2. Ivy--Blast
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ments
4. Ivy--Effects
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5. Ivy--Instru-
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LAMD-1186

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Los Alamos Scientific Laboratory
California. University. Radiation
Lab. Livermore Site.
The necessity for and value of
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Darol Froman August 28, 1953
24p.

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3. Sandstone
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Auth. No. CX-827-14A

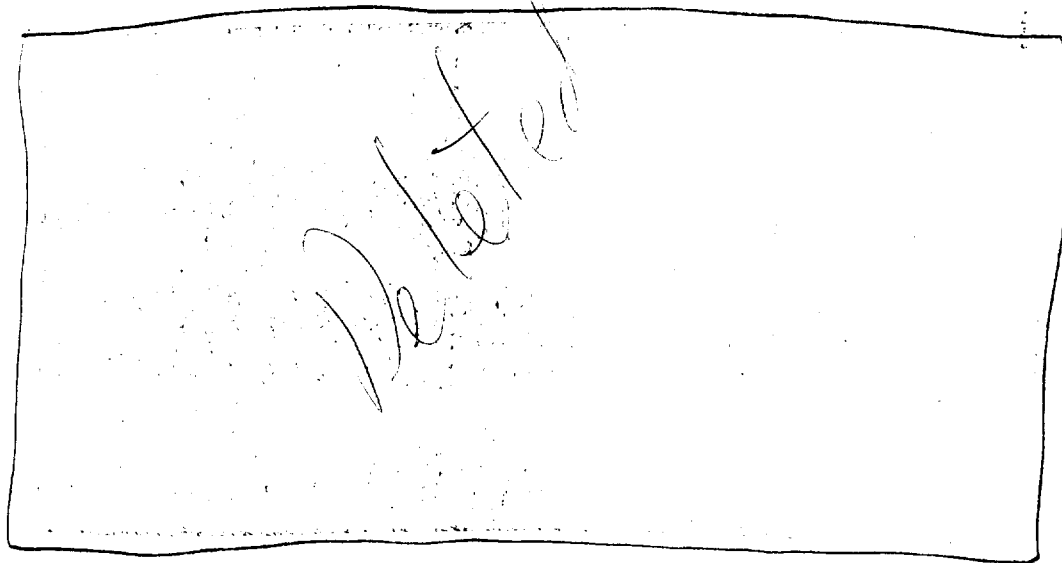
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6. Buster	17. Buster Burst A	Burst B
7. Tumbler-Snapper	18. Dog Burst	28. Buster
8. Upshot-Knothole	19. George Burst	Burst C
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10. Castle	21. Charlie Burst	Burst D
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13. Zebra Burst	24. Ranger Burst B2	
14. Able Burst	25. Ranger Burst E	(Cont'd on
15. Baker Burst	26. Ranger Burst F	card 3)

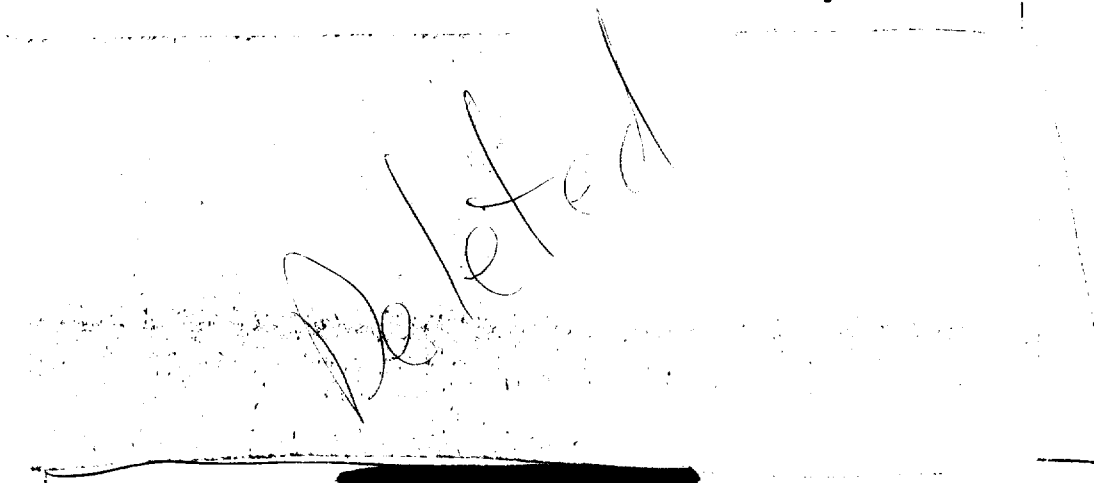


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Foster Evans. May 18, 1965. 17p.

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 1. Wagtail Burst
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 3. Scampi Burst
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 5. Sienna Burst
 6. Mike Burst
 7. Par Burst
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Los Alamos Scientific Laboratory
A handbook for the diagnostic
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Programs 10-20.
L.B. Seely ed 1 Feb. 1953 148p.
Auth. No. XXVIII-1416

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15. Mike Burst

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USNRDL-TR-70

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HEAVY NUCLIDE ANALYSES PERFORMED ON
SAMPLES FROM SHOTS 4 AND 5 AT OPERATION
CASTLE.

Wish, et al November 29, 1955
21p.

1. Union Burst
2. Yankee Burst
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4. Fall-Out—
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- I. Freiling, E C
- II. Rowell, M
- III. Wish, L
- IV. Naval Radiologi-
cal Defense Lab.

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WD-Family

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Report of the Commander, Task
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Part III - General activity of
TG 132.1.

n. d. 123 pp

J-15207

Joint Task Force 132

1. Ivy--Administration
and Orgnaization
2. King Burst--
Administration &
Organization
3. Mike Burst--
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J-15206

WD-Family

Secret

Joint Task Force 132

Report of the Commander, Task
Group 132.1 on Operation Ivy.
Part II - Summary of experimental
programs.

n. d. 17 pp

J-15206

Joint Task Force
132

1. Ivy--"Alpha"
Measurement
2. Ivy--Diagnostic
Experiments
3. Ivy--Effects
Experiments
4. Ivy--Blast
5. Ivy--Thermal
Radiation

(Cont'd on card ?)

J-15206

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(cont'd on card 2)

6. Ivy--Transit Time
7. King--"Alpha"
Measurement
8. King Burst --Diagnostic
Experiments
9. King Burst --Diagnostic
Experiments
10. King Burst-- Blast
11. King Burst --Thermal
Radiation
12. King Burst--Transit
Time
13. Mike Burst--"Alpha"
Measurement

J-15206

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Secret

14. Mike Burst--Diagnosis
Experiments
15. Mike Burst--Effects
Experiments
16. Mike Burst--Blast
17. Mike Burst-- Thermal
Radiation

NRL-RD-234

Naval Research Laboratory
Ivy diagnostic experiments.
Mike - Volume I. (Working
Paper).

n.d. 276p.

Secret

NRL-RD-234

Naval Research Lab.

1. Ivy--Diagnostic
Experiments
2. Mike Burst--
Diagnostic
Experiments
3. Mike Burst--"Alpha"
Measurements
4. Mike Burst--
Gamma Reactions

EG & G-1082

Secret

JUN 10 1994

Edgerton, Germeshausen &
Grier, Inc.
Ivy fireball diameter-time
characteristics.
26 Feb. 1953 28 pp

EG&G-1082
Edgerton,
Germeshausen
& Grier, Inc.
EG&G OUT-1086
1. Ball of Fire
--Photographic
Analysis
2. King Burst
--Ball of
Fire

(Cont'd on card 2)

EG&G-1082

2

Secret

3. Mike Burst
--Ball of
Fire
4. King Burst
--Yield
5. Mike Burst--Yield
6. Ivy--Ball
of Fire
7. Ivy--Yield

EG&G-1083

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Inc.
IVY - Project 3.1. Fireball
diameter - time characteristics.
Measurement and calculation sheets.
Feb. 26, 1953 58 pp

EG&G-1083
Edgerton,
Germeshausen
& Grier, Inc.
EG&G OUT-1087
1. Ball of Fire
--Photographic
Analysis
2. King Burst--
Ball of Fire

(cont'd on card 2)

JUN 16 1994

3. King Burst
—Yield
4. Mike Burst—
Ball of Fire
5. Mike Burst—
Yield
6. Ivy--Yield
7. Ivy --Ball of
Fire

EG&G-OUT-1517 Vol.2

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Edgerton, Germeshausen & Grier, Inc.
Ivy film data sheet catalog. Mike
Shot. Volume 2 of 2 volumes.
24 February 1954 87p.

- EG&G-OUT-1517,
Vol.2
Edgerton,
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Grier, Inc.
1. Mike Burst—
Yield
 2. Mike Burst—
Ball of Fire
 3. Ivy

EG&G-OUT-1666

SECRET

Edgerton, Germeshausen & Grier, Inc.
ILLUSTRATIONS OF THE SHAPE OF
THE RADIATING FIREBALL.
25 October 1954 5p.

1. King Burst—
Ball of Fire
2. Union Burst—
Ball of Fire
3. Mike Burst—
Ball of Fire
4. Romeo Burst—
Ball of Fire
5. Bravo Burst—
Ball of Fire
- I. Edgerton,
Germeshausen &
Grier, Inc.

II. EG&G-1163

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TM-89

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TM-94

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1. Ivy--"Alpha"
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2. Ivy--Diagnostic
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3. Ivy--Effects
Experiments
4. Ivy--Blast
5. Ivy--Thermal
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6. Ivy--Transit Time
7. King--"Alpha"
Measurement
8. King Burst --Diagnostic
Experiments
9. King Burst --Diagnostic
Experiments
10. King Burst-- Blast
11. King Burst --Thermal
Radiation
12. King Burst--Transit
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13. Mike Burst--"Alpha"
Measurement

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14. Mike Burst--Diagnostic
Experiments
15. Mike Burst--Effects
Experiments
16. Mike Burst--Blast
17. Mike Burst-- Thermal
Radiation

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C2-38529

Air Research & Development Command
Effects of superweapons upon the
climate of the world. A second
study, November 1952.

N. M Lulejian 12 Dec. 1952 11 pp

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Development
Command

Lulejian, N M

1. Atomic Cloud Rise
2. Atomic Explosions
3. Climatology
4. Mike Burst--
Cloud Rise
5. Thermonuclear
Explosions

EG&G-OUT-1555

Edgerton, Germeshausen & Grier, Inc.
Cloud and stem phenomena.

Operation Ivy.

April 23, 1954 44p.

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EG&G-OUT-1555

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Germeshausen &
Grier, Inc.

EG&G-1136

1. Ivy
2. Mike Burst--
Cloud Formation
3. Mike Burst--
Cloud Rise
4. King Burst--
Cloud Formation

5. King Burst--
Cloud Rise

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Ballistics Research Labs.
 TNT equivalent of nuclear
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 crater formation.
 B. Perkins, Jr. April, 1954
 12p.

5. Surface Explosions—
 Crater Formation

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 Ballistic Research
 Labs.
 Perkins, B Jr.
 1. Jangle S Burst—
 Crater Formation
 2. Jangle U Burst—
 Crater Formation
 3. Mike Burst—
 Crater Formation
 4. Surface Bursts—
 Crater Formation

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WD-Family

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Joint Task Force 132
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 3. Ivy--Effects
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 4. Ivy--Blast
 5. Ivy--Thermal
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6. Ivy--Transit Time
 7. King--"Alpha"
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 8. King Burst --Diagnostic
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 9. King Burst --Diagnostic
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 10. King Burst-- Blast
 11. King Burst --Thermal
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 12. King Burst--Transit
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 13. Mike Burst--"Alpha"
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(cont'd on card 2)

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14. Mike Burst--Diagnostic Experiments
15. Mike Burst--Effects Experiments
16. Mike Burst--Blast
17. Mike Burst-- Thermal Radiation

J-16561 (Report: SECRET) (Card: CONFIDENTIAL RD)

Edgerton, Germeshausen & Grier, Inc.
[TIME SIGNALS FROM EDGERTON, GERMESHAUSEN
& GRIER SEQUENCE TIMER ON THE MIKE
AND KING BURSTS.]

n.d.

48p.

1. Mike Burst--
Diagnostic Experiments
2. King Burst--
Diagnostic Experiments
- I. Edgerton,
Germeshausen
& Grier,
Inc.
- II. Los Alamos
Scientific Lab.

NRL-3990

Naval Research Laboratory
Monthly progress report for
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April 1952.

E. H. Krause April 18, 1952

13 pp

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Naval Research
Lab.

Krause, E H

1. Ivy--
Instrument-
ation
2. Mike Burst--
✓Diagnostic Experiments

JUN 16 1994

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Ivy diagnostic experiments.
Volume III: Experiments,
results and analysis Mike,
Part II.
E.H. Krause June 1953 160p.

NRL-4154
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Krause, E H
1. Ivy
2. Mike Burst--
Diagnostic
Experiments

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Naval Research Laboratory
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17 pp

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Naval Research Lab.
Krause, E H
1. Ganex
2. Tenex
3. Mike Burst--
Diagnostic Experi-
ments
4. Neutrons--Detection
& Measurements
5. Thermonuclear
Diagnostic Experi-
ments

(Cont'd on card 2)

NRL-LA-3

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DTC

JUN 16 1951

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Paper).
n.d. 276p.

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Naval Research Lab.
1. Ivy--Diagnostic
Experiments
2. Mike Burst--
Diagnostic
Experiments
3. Mike Burst--"Alpha"
Measurements
4. Mike Burst--
Gamma Reactions

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Joint Task Force 132
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n. d. 17 pp

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1. Ivy--"Alpha"
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2. Ivy--Diagnostic
Experiments
3. Ivy--Effects
Experiments
4. Ivy--Blast
5. Ivy--Thermal
Radiation

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J-15206

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6. Ivy--Transit Time
7. King--"Alpha"
Measurement
8. King Burst --Diagnostic
Experiments
9. King Burst --Diagnostic
Experiments
10. King Burst-- Blast
11. King Burst --Thermal
Radiation
12. King Burst--Transit
Time
13. Mike Burst--"Alpha"
Measurement

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J-15206

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14. Mike Burst--Diagnost
Experiments
15. Mike Burst--Effects
Experiments
16. Mike Burst--Blast
17. Mike Burst-- Thermal
Radiation

C3-36417

Air Research and Development
Command
Radioactive fall-out from
atomic bombs.
N.M. Lulejian Nov. 1953 70p.

Secret

C3-36417
Air Research &
Development
Command
Lulejian, N M
1. Tumbler
Snapper--
Fall Out
2. Upshot-Knothole
--Fall Out
3. Mike--Fall Out
4. Fall Out

CRLR-112

Chemical & Radiological Labs.
Fall-out studies on Eniwetok
Atoll. Special report.
Bouton and Wilsey 2 March 1953
39 pp

Wilsey,
Edward F.

Secret

CRLR-112
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Bouton, Edward F
1. Eniwetok
2. Mike Burst--
Fall Out
3. King Burst--
Fall Out
4. Ivy

JUN 16 1994

NYO-4555

Secret

Weather Bureau

A meteorological analysis of the
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Ivy.

L.F. Hubert, et al Oct. 30, 1953
155p.

NYO-4555

Weather Bureau
Hubert, Lester F
Machta, Lester
List, Robert J

1. Ivy
2. Mike Burst--
Fall Out
3. King Burst--
Fall Out

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Secret

New York Operations Office
Project Sunshine progress
from September 1953 to
January 4, 1954.

January 8, 1954 92p.

NYO-4571

New York Operations
Office

1. Fall Out
2. Mike Burst--
Fall Out
3. Strontium
Isotopes

RM-1175-AEC

Secret

Rand Corporation

Rand Sunshine Project Conference
December 16, 17, 18, 1953 at
Santa Monica, California.
Dec. 30, 1953 36p.

Sent on loan basis

RM-1175-AEC

Rand Corp.

1. Sunshine
2. Mike Burst--
Fall Out
3. Castle
4. Fall Out
5. Long Range
Detection
6. Radio Chemical
Detection
(Weapon)

RM-1177

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JUN 16 1994

Rand Corporation
Residual gamma radiation
from surface nuclear
explosions.
F.J. Krieger 7 Jan. 1954
5p. 3 fig.

RM-1177
Rand Corp.
Krieger, F J
1. Mike Burst
—Fall Out
2. Mike Burst—
Gamma Radiation
3. Jangle S Burst
—Fall Out
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USNRDL-408

Secret

Naval Radiological Defense Lab.
The nature of individual radio-
active particles. II. Fall-out
particles from M-Shot. Operation
Ivy.
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USNRDL-408
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Defense Lab.
Adams, C E
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2. Ivy
3. Mike Burst—
Fall Out

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Naval Research Laboratory
Ivy diagnostic experiments.
Mike - Volume I. (Working
Paper).
n.d. 276p.

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Naval Research Lab.
1. Ivy—Diagnostic
Experiments
2. Mike Burst—
Diagnostic
Experiments
3. Mike Burst—"Alpha"
Measurements
4. Mike Burst—
Gamma Reactions

JUN 10 1994

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Air Force, Wash., D.C.
DISPERSION OF GASEOUS DEBRIS
FROM NUCLEAR EXPLOSIONS.
OPERATION IVY--PROJECT 7.5.
Philip W. Allen. March 3, 1958. 27p.

1. Ivy. Project 7.5
2. Mike Burst--
Fall-Out
3. King Burst--
Fall-Out
- I. Personal Author
- II. Corp. Author

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Naval Research Laboratory
Ivy diagnostic experiments.
Mike - Volume I. (Working
Paper).
n.d. 276p.

Secret

- NRL-RD-234
Naval Research Lab.
1. Ivy--Diagnostic
Experiments
 2. Mike Burst--
Diagnostic
Experiments
 3. Mike Burst--"Alph
Measurements
 4. Mike Burst--
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J-15144

TD-Family

Secret

Joint Task Force 132
Report of the Commander, Task
Group 132.1 on Operation Ivy.
Part I - Detonations - 4
description of the devices tested.
n. d. 5 pp

- J-15144
Joint Task Force
132
1. Deuterium-
Tritium Therm-
onuclear
Gadgets
 2. Ivy
 3. King Burst--
Materials
 4. King Burst--
Yield

(Cont'd on card 2)

SECRET

JUN 16 1994

Secret

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TM-85 WD-Family

Secret

Los Alamos Scientific Laboratory
Preliminary analysis of radiochemical
data from Shot Mike.
Bethe and de Hoffmann Dec. 5, 1952
13 pp

TM-85
LASL
Bethe, Hans
de Hoffmann,
Frederic
1. Mike Burst
--Mathematical
Analysis--
2. Ivy--
Mathematical Analysis

EG&G-OUT-1653

SECRET

Edgerton, Germeshausen & Grier,
Inc.
PROGRESS REPORT FOR THE MONTH
OF JULY, 1954. CONTRACT NO.
AT(29-1)-1183.
30 July 1954 23p.

1. Castle--Photography
2. Mike Burst--
Photography
3. King Burst--
Photography
4. Yankee Burst--
Photography
5. Union Burst--
Photography
6. Romeo Burst--
Photography
7. Bravo Burst--
Photography

(Cont'd on card 2)

JUN 16 1994

8. Echo Burst—
Photography
9. Nectar Burst—
Photography
10. Koon Burst—
Photography
11. Ivy
12. Wigwam
- I. Edgerton,
Germeshausen &
Grier, Inc.

CRLR-105

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Chemical & Radiological Labs.
Cloud sampling techniques using
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M.J. Schumchyk 16 Feb. 1953
21 pp

CRLR-105
Chemical &
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Labs.
Schumchyk,
Michael J.

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2)

1. Ivy
2. Mike Burst—
Radioautography
3. King Burst—
Radioauto-
graphy

CRLR-105

2

Secret

4. Mike Burst
--Sample
Collection
5. King Burst--
Sample Collect-
ion
6. Nuclear
Particles

JUN 16 1994

J-15206

WD-Family

Secret

Joint Task Force 132

Report of the Commander, Task
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programs.

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Joint Task Force
132

1. Ivy--"Alpha"
Measurement
2. Ivy--Diagnostic
Experiments
3. Ivy--Effects
Experiments
4. Ivy--Blast
5. Ivy--Thermal
Radiation

J-15206

3
WD-Family

Secret

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6. Ivy--Transit Time
7. King--"Alpha"
Measurement
8. King Burst --Diagnostic
Experiments
9. King Burst --Diagnostic
Experiments
10. King Burst-- Blast
11. King Burst --Thermal
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12. King Burst--Transit
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13. Mike Burst--"Alpha"
Measurement

J-15206

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WD-Family

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14. Mike Burst--Diagnostic
Experiments
15. Mike Burst--Effects
Experiments
16. Mike Burst--Blast
17. Mike Burst-- Thermal
Radiation

EG & G-1082

Secret

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Edgerton, Germeshausen &
Grier, Inc.
Ivy fireball diameter-time
characteristics.
26 Feb. 1953 28 pp

EG&G-1082
Edgerton,
Germeshausen
& Grier, Inc.
EG&G OUT-1086
1. Ball of Fire
--Photographic
Analysis
2. King Burst
--Ball of
Fire

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EG&G-1082

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Secret

3. Mike Burst
--Ball of
Fire
4. King Burst
--Yield
5. Mike Burst--Yield
6. Ivy--Ball
of Fire
7. Ivy--Yield

EG&G-1083

Secret

Edgerton, Germeshausen & Grier,
Inc.
IVY - Project 3.1. Fireball
diameter - time characteristics.
Measurement and calculation sheets.
Feb. 26, 1953 58 pp

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Edgerton,
Germeshausen
& Grier, Inc.
EG&G OUT-1087
1. Ball of Fire
--Photographic
Analysis
2. King Burst--
Ball of Fire

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JUN 16 1954

3. King Burst
--Yield
4. Mike Burst--
Ball of Fire
5. Mike Burst--
Yield
6. Ivy--Yield
7. Ivy --Ball of
Fire

EG&G-OUT-1517 Vol.2

Secret

Edgerton, Germeshausen & Grier, Inc.
Ivy film data sheet catalog. Mike
Shot. Volume 2 of 2 volumes.
24 February 1954 87p.

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Vol.2
Edgerton,
Germeshausen &
Grier, Inc.
1. Mike Burst--
Yield
2. Mike Burst--
Ball of Fire
3. Ivy

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WD-Family

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UCRL-50722 (Rpt: S-RD) Cd: UNCLASSIFIED
California. Univ., Livermore. Lawrence I. Author (1)
Radiation Lab. II. Corp. Auth.
DATA BOOK - TYG D EVENT OF OPERATION 1. Fig. Burst.
BOWLINE (U). J. Ewing. July 25, 1969.
15p.

4-6-70

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JUN 16 1994

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TM-213 (Report: SECRET)

JUN 16 1994

Los Alamos Scientific Lab. T-Div.
REMARKS ON CACTUS-ELDER
DIAGNOSTICS. Ralph E. Williamson.
March 20, 1959. 11p.

1. Cactus Burst
2. Elder Burst
- I. Personal Author
- II. Corp. Author

N5

EG&G-B-1828 (Report: CONFIDENTIAL)

Edgerton, Germeshausen & Grier, Inc.
FIREBALL YIELD CALCULATIONS.
HARDTACK - ELDER, PROJECT 15.1.
July 6, 1958. 35p.

1. Hardtack.
Project 15.1
2. Elder Burst--
Ball of Fire
- I. Corp. Author

N4

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9/62

ITR-1612-1 (Report: SECRET)

Ballistic Research Labs., Aberdeen
Proving Ground, Md.
AIR-BLAST PHENOMENA AND INSTRUMENTATION OF STRUCTURES. OPERATION HARDTACK - PROJECT 1.7.
J. J. Meszaros, R. E. Reisler, E. G. Schwartz, J. G. Schmidt, D. P. Le Fevre, and R. C. Wise. Aug. 15, 1958. 160p.

1. Hardtack. Project 1.7
2. Cactus Burst
3. Koa Burst
4. Blast Waves
5. Structures--Effects of Blast
- I. Authors (6)
- II. Corp. Author

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Naval Civil Engineering, Research and Evaluation Lab., Port Hueneme, Calif.
RESPONSE OF EARTH-CONFINED FLEXIBLE-ARCH-SHELL STRUCTURES IN HIGH-OVERPRESSURE REGION. OPERATION HARDTACK - PRELIMINARY REPORT, PROJECT 3.2. G. H. Albright, P. J. Rush, J. C. LeDoux, V. True and C. R. White. Sept. 5, 1958. 134p.

1. Hardtack. Project 3.2
2. Structures--Effects of Atomic Weapons
3. Koa Burst
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- I. Authors (5)
- II. Corp. Author

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JUN 16 1994

WT-1614 (Report: SECRET)

Air Force Special Weapons Center,
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Univ., Urbana.
LOADING ON BURIED SIMULATED
STRUCTURES IN HIGH-OVERPRESSURE
REGIONS. OPERATION HARDTACK-
PROJECT 1.9. E. H. Bultmann, Jr.,
G. F. McDonough and G. K. Sinnamon.
May 3, 1961. 64p.

1. Hardtack Project
1.9
 2. Cactus Burst
 3. Koa Burst
 4. Effects Experi-
ments
- I. Authors (3)
 - II. Corp. Authors (2)

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EG&G-L-350 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Las Vegas
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28, 1958. 11p.

1. Koa Burst--
Instrumentation
- I. Corp. Author
- II. LV-03217

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180

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ITR-1639 (Report: SECRET)

Army. Signal Research and Development
Lab., Fort Monmouth, N.J.
RADAR DETERMINATION OF FIREBALL
PHENOMENA. OPERATION HARDTACK
--PROJECT 6.5. E. Baker, T. Viars,
A. K. Harris, and I. A. Balton.
October 14, 1958. 36p.

1. Hardtack.
Project 6.5
2. Butternut Burst--
Ball of Fire
3. Koa Burst--Ball
of Fire
4. Wahoo Burst--
Ball of Fire
5. Teak Burst--Ball
of Fire
- I. Authors (4)
- II. Corp.. Author

N11

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UCRL-5452 (Report: SECRET) Card: CONFIDENTIAL RD

California. Univ., Livermore. Lawrence
Radiation Lab.
WEAPON DEVELOPMENT DURING
DECEMBER 1958. NUMBER 54. Jan.
16, 1959. 34p.

1. Neutron Total
Cross Sections
2. Squaw (Calculation)
3. Hardtack--Yield
4. Willow
5. Jonah
6. Davy Crockett
7. Weapon 47
8. Fir Burst
9. Starling
10. Nozzles
11. Silicon Coatings--
Thermal Properties
12. Graphite--Coating
1. Corp. Author
- N13

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JUN 16 1994

BID-A322 LTD ACCESS
Bendix Corporation. Kansas City Division.
VISUAL RESPONSE INDICATOR FOR BAR CODE
READER INPUT. FINAL REPORT. J.R. Harte.
July 1982. 19p.

- CD: Unclass.
I. Auth.
II. Corp. Auth.
1. Optical Pattern
Recognition—
Equipment and
Supplies
2. Product coding
—Equipment and
Supplies
3. Bar Codes—
Equipment and
Supplies
4. Optical Scanners
5. CACTUS

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ITR-1612-1 (Report: SECRET)

Ballistic Research Labs., Aberdeen
Proving Ground, Md.
AIR-BLAST PHENOMENA AND INSTRU-
MENTATION OF STRUCTURES. OPER-
ATION HARDTACK - PROJECT 1.7.
J.J. Meszaros, R.E. Reisler, E.G.
Schwartz, J.G. Schmidt, D.P. Le
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160p.

1. Hardtack. Project
1.7
2. Cactus Burst
3. Koa Burst
4. Blast Waves
5. Structures--Effects
of Blast
I. Authors (6)
II. Corp. Author

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JUN 16 1994

ITR-1626-1 (Report: SECRET)

Naval Civil Engineering, Research and Evaluation Lab., Port Hueneme, Calif.
RESPONSE OF EARTH-CONFINED FLEX-
IBLE-ARCH-SHELL STRUCTURES IN
HIGH-OVERPRESSURE REGION. OPER-
ATION HARDTACK - PRELIMINARY
REPORT, PROJECT 3.2. G. H. Albright,
P. J. Rush, J. C. LeDoux, V. True and
C. R. White. Sept. 5, 1958. 134p.

1. Hardtack.
Project 3.2
2. Structures--Effects
of Atomic Weapons
3. Koa Burst
4. Cactus Burst
- I. Authors (5)
- II. Corp. Author

N11

deleted

N5

TM-213 (Report: SECRET)

Los Alamos Scientific Lab. T-Div.
REMARKS ON CACTUS-ELDER
DIAGNOSTICS. Ralph E. Williamson.
March 20, 1959. 11p.

1. Cactus Burst
2. Elder Burst
- I. Personal Author
- II. Corp. Author

N5

~~SECRET~~

184

18

JUN 16 1994

151:

TWG-72-6 (Rpt.: S-RD)
Theoretical Weapons Group.
THEORETICAL WEAPONS GROUP MEETING
OF JUNE 22, 1972. Beverly A. Wellnitz.
and Robert N. Thorn. June 22, 1972.
16p.

Cd: UNCLASSIFIED
I. Auths. (2)
II. Corp. Auth.
1. Chessboard
2. COAX (Calculation)
3. AJO Burst
4. Zaza Burst
5. Cactus Burst
6. Tajique Burst

6-30-72

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Rec'd:

Cop es:

WT-1614 (Report: SECRET)

Air Force Special Weapons Center,
Kirtland AFB, N. Mex. and Illinois.
Univ., Urbana.
LOADING ON BURIED SIMULATED
STRUCTURES IN HIGH-OVERPRESSURE
REGIONS. OPERATION HARDTACK-
PROJECT 1.9. E. H. Bultmann, Jr.,
G. F. McDonough and G. K. Sinnamon.
May 3, 1961. 64p.

1. Hardtack Project
1.9
2. Cactus Burst
3. Koa Burst
4. Effects Experiments
I. Authors (3)
II. Corp. Authors (2)

N10

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LA-5591-SR (Rpt: S-FRD)
Los Alamos Scientific Lab., N. M.
FIREBALL RADIATION-HYDRODYNAMICS
COMPUTATIONS (U). STATUS REPORT. John
Zinn, John W. Kodis and Clair D.
Sutherland. May 1974. 21p.

Cd: Unclassified

- I. Auths. (3)
II. Corp. Auth.
1. Ball of Fire--
Calculations
2. Hydrodynamics--
Calculations
3. Computer
Programs--(R)--
Radflo
4. Tightrope
5. Yucca
6. Orange
7. Blue Gill
8. HA

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6-28-74

N13

Rec'd:

Copies:

Title List:

SC-4088 (PR) (Report: SECRET) Card: CONFIDENTIAL RD

Sandia Corporation
MONTHLY REPORT. March, 1957. 64p.

1. TX-27 Weapon--
Development
2. Mark 28 Weapon--
Development
3. TX-28-X1 Weapon--
Development
4. Mark 15 Weapon--
Development
5. Firing Systems (WD)
6. Smoky Burst--
Preparation
7. Mark 25 Weapon--
Development
8. XW-31 Warhead
Installations

(Cont'd on card 2)

N17

SC-4088 (PR) (Report: SECRET) Card: CONFIDENTIAL RD

Card 2

9. Warhead XW-45--Development
10. Plumbbob
11. Hardtack
12. Doorknob
13. Pandora
14. Canals
15. Storms--Effects of Atomic Weapons
I. Corp. Author

N17

JUN 16 1994

Edgerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS REPORT FOR THE MONTH
OF APRIL 1958. 15p.

1. Spark Gaps
2. Yucca Burst--
Photography
- I. Corp. Author
- II. EG&G Control No.
1192

N5

EG&G-L-369 (Report: CONFIDENTIAL)

Edgerton, Germeshausen & Grier, Inc.,
Las Vegas
PROGRAM 9: AFSWP-DOD PHOTO-
GRAPHY, FILM CATALOG AND
CAMERA DATA, OPERATION HARD-
TACK, PHASE I. October 15, 1958.
111p.

- I. Corp. Author
- II. L-369

1. Yucca Burst--
Photography
 2. Wahoo Burst--
Photography
 3. Umbrella Burst--
Photography
 4. Teak Burst--
Photography
 5. Orange Burst--
Photography
 6. Fig Burst--
Photography
 7. Hardtack--
Photography
- N10

EGG-1800 (Rpt:Secret/RD)

EG & G, Inc.

HARDTACK-YUCCA, PROJECT 8.3, EARLY FIREBALL
PHOTOGRAPHY. May 1958. 48 p. (JHH-76-447)
(ACV:GMS:196) (E-0125) (A-88-004)

Cd:Unclassified

- I. Corp. Auth.
- II. JHH-76-447
- III. ADV:GMS:196
- IV. E-0125
- V. A-88-004
1. Yucca burst--
Photography
2. Ball of fire--
Photography

2-7-92
NWN

c.4A

SEE MASTER SHEET FOR ACCOUNTABILITY RECORD

N8

JUN 16 1994

DASA-DC-Review-62-3 (Report: SECRET) Cd: UNCLASSIFIED

General Electric Co., Santa Barbara,
Calif. Technical Military Planning
Operation and Defense Atomic Support
Agency, Data Center, Santa Barbara,
Calif.

HIGH ALTITUDE NUCLEAR EFFECTS.
DASA DATA CENTER REVIEW 62-3.
June, 1962. 60p.

1. Corp. Authors (2)

1. Beta Beta
2. Blue Gill Burst
3. Ionization--Detection & Measurement
4. Yucca Burst--Radiation
5. Radio Waves--Effects of Atomic Explosions
6. Radiation-Detection & Measurements

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FWC-M-145 (Report: SECRET) Card: UNCLASSIFIED

Fission Weapon Committee
MINUTES OF THE 145TH MEETING,
OCTOBER 3, 1958. George H. Best.
October 13, 1958. 4p.

1. Colfax Test
2. Lea Burst
3. Dona Ana Burst
4. Hidalgo Test
5. Rio Arriba Burst
6. Kepler Burst
7. Galileo Burst
8. Blackfoot Burst
9. Huron Burst
10. Sequoia Burst
11. Mora Burst
12. Hardtack-Phase II
- I. Personal Author
- II. Corp. Author
- III. GMX-1569

N16

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JUN 16 1994

SWDB-56-102-2 (Report: SECRET) Card: CONFIDENTIAL RD

Sandia Corp. Special Weapons
Development Board.
MINUTES OF THE 102ND MEETING,
AUGUST 29, 1956. PART TWO.
August 29, 1956. 18p.

1. Redwing
2. Navaho Burst
3. Huron Burst
4. ~~Mohawk Burst~~
5. Apache Burst
6. Tewa Burst
7. Vulnerability Studies
8. Storage Hazards
9. Totem Pole
- I. Corporate Author
- II. Q-60869

EG&G-PPG-2400 H (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen and Grier,
Inc.
PRELIMINARY ALPHA - SHOT HURON.
K. L. Jordan. July 24, 1956. 38p.

1. Huron Burst--
"Alpha"
2. "Alpha" Measure-
ments
- I. Personal Author
- II. Corp. Author

N5

EG&G-1583 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Inc., Boston
RAPATRONIG PHOTOGRAPHY OF
THE FIREBALL, REDWING, 1956.
March 15, 1957. 20p.

8. Apache Burst--Ball of Fire
9. Huron Burst--Ball of Fire
- I. Corp. Author
- II. EG&G Control No. 451

1. Lacrosse Burst
--Ball of Fire
2. Yuma Burst--
Ball of Fire
3. Erie Burst--
Ball of Fire
4. Blackfoot Burst--
Ball of Fire
5. Kickapoo Burst--
Ball of Fire
6. Osage Burst--
Ball of Fire
7. Mohawk Burst--
Ball of Fire

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EG&G-PPG-2400 I (Report: SECRET) Cd: UNCLASSIFIED

Edgerton, Germeshausen and Grier, Inc.,
Boston, Mass.

PRELIMINARY ALPHA - SHOT TEWA.

D. Berkowitz. July 24, 1956. 19p.

1. Redwing
2. Tewa Burst
- I. Personal Author
- II. Corp. Author
- III. PPG-2400 I

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LA-412-56-4

EGG-LAD-111 (Report: SECRET-RD) Cd: Uncl.
Agerton, Germeshausen and Grier Inc.,
Los Alamos, New Mexico.
REVIEW OF HIGH SPEED PHOTOGRAPHIC RECORDS
(U) QUARTERLY PROGRESS REPORT, 1 JANUARY-
31 MARCH 1971. May 10, 1971. 65p.
(EGG-LAD-442)

- I. Corp. Auth.
- II: EGG-LAD-442
- 1. Priscilla Burst
- 2. Hood Burst
- 3. Navajo Burst
- 4. Flathead Burst
- 5. Truckee Burst

3 Navajo Burst

4-13-72

N8

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EGG-10282-5006 (Rpt:Secret/RD)
EG & G, Inc. Energy Measurements Group.
RADIOMETRIC REDUCTION DATA FROM TUMBLER-
SNAPPER EVENTS III AND IV (U). L. Rauber
and D. Wright. Jan. 1988. 188 p. (WAD-700)

- Cd:Unclassified
- I. Corp. Auth.
- II. Auth. (2)
- III. WAD-700
- 1. Tumbler-Snapper
Burst 3--Ball
of Fire
- 2. Tumbler-Snapper
Burst 4--Ball
of Fire
- 3. Redwing--Ball
of Fire
- 4. Navajo Burst--
Analysis
- 5. Flathead Burst--
Analysis

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EWE

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192
19

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JUN 16 1994

FILM-Y-54 (Film: SECRET-RD) Cd: Unclass.
Los Alamos Scientific Lab., N. Mex.
NAVAJO SHOT. [1956]. Black & White,
Sd., 10 minutes, 16mm.

- I. Corp. Auth.
- 1. Navajo Burst

7-13-70

print #2

N5

LA-5995-FR (Rpt: S-RD)
Los Alamos Scientific Lab., NM.
LASL WEAPONS QUARTERLY (U). FOR THE
PERIOD ENDING MARCH 31, 1975. Leslie
M. Redman, Comp. and Earleen Eden, Ed.
May 1975. 88p.

- 15. Popcorn
- 16. Laser Isotope Separation
- 17. Gallium-Plutonium Alloys
- 18. Electron Beam Welding
- 19. Tungsten Alloys--Mechanical
Properties
- 20. Gas Lasers
- 21. Lasers
- 22. Neodymium Laser Systems

Con't. on page 2

6-12-75

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Title List:

- Cd: C-RD
- I. Authors (2)
- II. Corp. Auth.
- 1. Sapello
- 2. EMP Generators
- 3. Computer Programs
(G)--GUANO
- 4. Computer Programs
(R)--RUDI
- 5. Computer Programs
(M)--MAGEE
- 6. Pratt
- 7. Ball of Fire--
Calculations
- 8. Flathead
- 9. Navajo Burst
- 10. Ozone
- 11. Stratosphere
- 12. Tordo
- 13. Barium
- 14. Water Waves

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LA-5995-FR (Rpt: S-RD)

- Cd: C-RD
- 23. Laser Targets
- 24. Laser Driven Fusion
- 25. Isotope Separation
Methods
- 26. MRR
- 27. B61
- 28. Weapon 76
- 29. Re-Entry Vehicles
(4)
- 30. Bilge
- 31. Weapon 78
- 32. Re-Entry Vehicles
(12)
- 33. Topgallant
- 34. Americium Isotopes
Am-241

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LA-8391-MS (Rpt: Secret/RD)
Los Alamos Scientific Lab., NM.
CHEMISTRY OF A NUCLEAR FIREBALL (U). John
Zinn, C.D. Sutherland, H. Hoerlin, D. Wilson
and K. Mitchell. June 1980. 32p.

1. Authors (5)
II. Corn. Auth.
1. Fireball
(Calculations)
2. Navajo Burst
3. Ball of Fire
--Thermal
Radiation

JUN 16 1992

7-24-80

c.19A thru 60A

N11

EG&G-Tech. Memo. B-28 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.
Boston.
COMPARISON OF FIELD AND FINAL
ALPHA VALUES, OPERATION REDWING.
TECHNICAL MEMORANDUM NO. B-28.
April 10, 1957. 11p.

8. Flathead Burst--"Alpha"
I. Corp. Author
II. EG&G OUT 0482

1. Lacrosse Burst
--"Alpha"
2. Erie Burst
--"Alpha"
3. Blackfoot Burst
--"Alpha"
4. Osage Burst
--"Alpha"
5. Dakota Burst
--"Alpha"
6. Navajo Burst
--"Alpha"
7. Apache Burst
--"Alpha"

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LA-58-57-7

194

JUN 16 1974

EGG-LAD-119 (Report: SECRET-RD) Cd: Uncl.
 Edgerton, Germeshausen and Grier, Inc.,
 Los Alamos, New Mexico.
 REVIEW OF HIGH SPEED PHOTOGRAPHIC RECORDS
 (U) FINAL REPORT 1 OCTOBER 1970 THROUGH
 30 SEPTEMBER 1971. 122p. (LAD-522)

1-26-72

9. Priscilla Burst--
Photography
10. Flat Head Burst--
Photography
11. Plumbbub--Photography
12. Tumbler-Snapper--
Photography

Rec'd:

Copies: 15

- I. Corp. Auth.
- II. LAD-522
1. Atomic
Explosions--
Detection
2. Hood Burst--
Photography
3. Dakota Burst--
Photography
4. Wilson Burst--
Photography
5. Navajo Burst--
Photography
6. Union Burst--
Photography
7. Nectar Burst--
Photography
8. Owens Burst--
Photography

EG&G-LAD-152 (Rpt: S-RD)
 EG&G Inc., Los Alamos, N. Mex.
 A REVIEW OF HIGH SPEED PHOTOGRAPHIC DATA
 PROPOSED PROGRAM CONTINUATION (U). 1
 JULY 1973 THROUGH 30 JUNE 1976. Donald
 D. Cobb. 14p.

Submitted to: Headquarters United States
 Air Force, Air Force Technical
 Applications Center, Washington, D.C.

Rec'd:

Copies:

Cd. Unclass.

- I. Author (1)
- II. Corp. Auth.
1. Boltzman Burst--
Photography
2. Dakota Burst--
Photography
3. Truckee Burst--
Photography
4. Navajo Burst--
Photography
5. Union Burst--
Photography
6. Nectar Burst--
Photography

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JO-265 (Report: SECRET) Card: CONFIDENTIAL RD

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EG&G-1499 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS FOR THE MONTH OF JULY, 1956.
July 31, 1956. 23p.

9. Apache Burst—"Alpha"
10. Navajo Burst—"Alpha"
11. Time Interval (TN)—Measurement
- I. Corporate Author
- II. EG&G Control No. 00176

1. Pilgrim—
Preparation
2. Spark Gaps
3. Redwing
4. Mohawk Burst—
Ball of Fire
5. Apache Burst—
Ball of Fire
6. Navajo Burst—
Ball of Fire
7. Tewa Burst—
Ball of Fire
8. Huron Burst—
Ball of Fire

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EG&G-1583 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Inc., Boston
RAPATRONIC PHOTOGRAPHY OF
THE FIREBALL, REDWING, 1956.
March 15, 1957. 20p.

8. Apache Burst--Ball of Fire
9. Huron Burst--Ball of Fire
- I. Corp. Author
- II. EG&G Control No. 451

1. Lacrosse Burst
--Ball of Fire
2. Yuma Burst--
Ball of Fire
3. Erie Burst--
Ball of Fire
4. Blackfoot Burst--
Ball of Fire
5. Kickapoo Burst--
Ball of Fire
6. Osage Burst--
Ball of Fire
7. Mohawk Burst--
Ball of Fire

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EG&G-Tech. Memo. B-30 (Report: CONFIDENTIAL)

Edgerton, Germeshausen & Grier, Inc.
Boston.
TEAPOT APPLE AND REDWING
MOHAWK FIREBALL ASYMMETRIES
AND JETS. E. Patricia O'Connell.
April 17, 1957. 24p.

1. Apple Burst
--Ball of Fire
2. Mohawk Burst
--Ball of Fire
- I. Personal Author
- II. Corp. Author
- III. EG&G Control
00495

N6

EG&G-OUT-1666

SECRET

Edgerton, Germeshausen & Grier, Inc.
ILLUSTRATIONS OF THE SHAPE OF
THE RADIATING FIREBALL.

25 October 1954 5p.

1. King Burst—
Ball of Fire
2. Union Burst—
Ball of Fire
3. Mike Burst—
Ball of Fire
4. Romeo Burst—
Ball of Fire
5. Bravo Burst—
Ball of Fire
- I. Edgerton,
Germeshausen &
Grier, Inc.

II. EG&G-1163

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ARF-I-2344-1/4

SECRET

Illinois Inst. of Tech.
Armour Research Foundation
"PETROGRAPHIC STUDIES OF DEBRIS
CARRIER PARTICLES, CONTRACT AF
33(600) 23112, PHASE REPORT
"FRACTIONATION EXPERIMENTS
ON PARTICULATE DEBRIS".
Feb. 10, 1955 5p.

1. Airborne Particulate
Matter—Fractiona-
tion
2. Bravo--Fall-Out
- I. Ill. Inst. of
Tech. Armour
Research Foundation
- II. I-2344-1/4
- III. C 049

RM-1855 (Report: SECRET) Card: UNCLASSIFIED

Rand Corporation
FALLOUT COMPUTATIONS AND
CASTLE-BRAVO - A CASE STUDY.
RESEARCH MEMO. S. M. Greenfield
and R. R. Rapp. January 16, 1957. 80p.

1. Bravo Burst--
Fall-Out
2. Fall-Out--
Calculations
- I. Authors (2)
- II. Corp. Author

JUN 16 1994

Tech. Memo. 77-56-51 (Report: SECRET) Cd: OFFICIAL USE ONLY

Sandia Corporation
RADIOACTIVE-PARTICLE INHALATION HAZARD
AT TEST SITES.

Cowan, Maynard Jr. March 20, 1956
7p.

(Med. Lib.)

1. Test Sites--
Contamination
2. Tesla Burst--
Fission
Products
3. Bravo Burst--
Fission
Products
- I. Cowan, Maynard
Jr.
- II. Sandia Corp.
- III. Q-57470
- IV. Case 407.09

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JUN 16 1994

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EG&G-1478 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS FOR THE MONTH OF MAY, 1956.
May 31, 1956 16p.

1. Lacrosse Burst
2. Cherokee Burst
3. Zuni Burst
4. Yuma Burst
5. Erie Burst
6. Spark Gaps—
Development
- I. Edgerton,
Germeshausen &
Grier, Inc.,
Boston
- II. EG&G Control No.
00023

III. Contract AT(29-1)-1183

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JUN 16 1964

EG&G-Tech. Memo. B-28 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.
Boston.

COMPARISON OF FIELD AND FINAL
ALPHA VALUES, OPERATION REDWING.
TECHNICAL MEMORANDUM NO. B-28.
April 10, 1957. 11p.

1. Lacrosse Burst
--"Alpha"
 2. Erie Burst
--"Alpha"
 3. Blackfoot Burst
--"Alpha"
 4. Osage Burst
--"Alpha"
 5. Dakota Burst
--"Alpha"
 6. Navajo Burst
--"Alpha"
 7. Apache Burst
--"Alpha"
 8. Flathead Burst--"Alpha"
- I. Corp. Author
II. EG&G OUT 0482

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EG&G-1583 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Inc., Boston
RAPATRONIG PHOTOGRAPHY OF
THE FIREBALL, REDWING, 1956.
March 15, 1957. 20p.

1. Lacrosse Burst
--Ball of Fire
 2. Yuma Burst--
Ball of Fire
 3. Erie Burst--
Ball of Fire
 4. Blackfoot Burst--
Ball of Fire
 5. Kickapoo Burst--
Ball of Fire
 6. Osage Burst--
Ball of Fire
 7. Mohawk Burst--
Ball of Fire
 8. Apache Burst--Ball of Fire
 9. Huron Burst--Ball of Fire
- I. Corp. Author
II. EG&G Control No. 451

N12

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JUN 16 1994

FWC-M129 (Report: SECRET) Card: UNCLASSIFIED)

Los Alamos Scientific Laboratory.
Fission Weapon Committee.
MINUTES OF THE 129TH MEETING,
26 AUGUST 1957. George H. Best.
September 3, 1957. 4p.

1. Pascal Test B--
Calculations
 2. Kepler Burst--
Yield
 3. Galileo Burst
 4. Newton Burst
 5. Viper 3
 6. Lacrosse Burst--
Yield
 7. Priscilla Burst--
Yield
 - I. Personal Author
 - II. Corp. Author
 - III. GMX-1391
- N11

JUN 16 1994

LA-413-56-4

EG&G-LAO-198 (Report: S-RD)
Edgerton, Germeshausen and Grier, Inc.,
Los Alamos, New Mexico
REVIEW PROGRAM, PROJECT T/4210
QUARTERLY PROGRESS SUMMARY (U) 1
OCTOBER THROUGH 31 DECEMBER 1974.
James A. Michael. December 1974. 11p.
(EG&G-LAD-8389)

12-24-74

Cd: S-NSI Set-1A
I. Auth.
II. Corp. Auth.
III. EG&G-LAD-8389
1. Dakota
2. French Atomic
Explosions
3. Flathead
4. Hood
5. Chama
6. Yaso
7. Bighorn
8. Teller Light

LA-2-75-12 & Master

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Title List:

FILM-Y-53 (Film: SECRET-RD) Cd: UNCLASSIFIED
Los Alamos Scientific Lab., N. Mex.
DAKOTA. n.d. 8 min., sd., b7w, 16 mm.

I. Corp. Auth.
1. Dakota Burst

Title List:

LA-4884-PR (Rpt.: S-RD)
Los Alamos Scientific Lab., N. Mex.
RESEARCH ON NUCLEAR WEAPONS PHENOMENOLOGY,
FOR THE PERIOD ENDING DECEMBER 31, 1971.
QUARTERLY SUMMARY (U). Donald M. Kerr
and H. Milton Peek. February 1972. 56p.

11. Star Fish Burst

3-1-72

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Title List:

Cd: UNCLASSIFIED
I. Authors (2)
II. Corp. Auth.
1. Diagonal Line
Burst
2. Ball of Fire--
Calculations
3. Radflo
(Calculation)
4. Encino Burst
5. Dakota Burst
6. French Atomic
Explosions
7. Barbizon
8. Fluorescence
9. Sierra
(Calculation)
10. King Fish Burst

JUN 16 1994

LA-5843-PR (Report: S-RD)
Los Alamos Scientific Lab., New Mexico.
ANNUAL REPORT ON RADIATION CHARACTERIZA-
TION PROGRAM, FY 1974 (U). William E.
Freag and Robert M. Hanson. April 1975.
10p.

4-4-75

LA-5-75-12 & Master

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Copies:

Title List:

CD: SRSI Set 1A
I. Authors (2)
II. Corp. Auth.
1. French Atomic
Explosives--
Detection &
Measurement
2. Atomic Explosions
--Prompt Radiation
3. Atomic Explosions
--Neutron Emissions
4. Atomic Explosion
--Gamma Radiation
5. Flathead Burst
6. Dakota Burst
7. Hula Hoop
8. Dice Game

LA-AC-84-2 (Secret/RD)
Los Alamos Scientific Laboratory.
DAKOTA. Audio Cassette. n.d.
1 cassette tape. Soundtrack.

CD: Unclass.
I. Corp. Auth.
II. FILM-Y-53
1. Dakota burst

4-4-84
NWN

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JUN 16 1996

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JUNE 1956.
June 30, 1956 18p.

1. Erie Burst—
"Alpha"
2. Blackfoot Burst
—"Alpha"
3. Osage Burst
—"Alpha"
4. Dakota Burst
—"Alpha"
5. Seminole Burst
—Ball of Fire
6. Flathead Burst
—Ball of Fire
7. Blackfoot Burst
—Ball of Fire

(Cont'd. on Card 2)

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

8. Kickapoo Burst—Ball of Fire
9. Osage Burst—Ball of Fire
10. Inca Burst—Ball of Fire
11. Dakota Burst—Ball of Fire
12. Spark Gaps—Development
- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-Control 00101

EG&G-Tech. Memo. B-28 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.
Boston.
COMPARISON OF FIELD AND FINAL
ALPHA VALUES, OPERATION REDWING.
TECHNICAL MEMORANDUM NO. B-28.
April 10, 1957. 11p.

1. Lacrosse Burst
--"Alpha"
2. Erie Burst
--"Alpha"
3. Blackfoot Burst
--"Alpha"
4. Osage Burst
--"Alpha"
5. Dakota Burst
--"Alpha"
6. Navajo Burst
--"Alpha"
7. Apache Burst
--"Alpha"
8. Flathead Burst--"Alpha"
- I. Corp. Author
- II. EG&G OUT 0482

JUN 16 1994

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JUNE 1956.
June 30, 1956 18p.

1. Erie Burst—
"Alpha"
2. Blackfoot Burst
—"Alpha"
3. Osage Burst
—"Alpha"
4. Dakota Burst
—"Alpha"
5. Seminole Burst
—Ball of Fire
6. Flathead Burst
—Ball of Fire
7. Blackfoot Burst
—Ball of Fire

(Cont'd. on Card 2)

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

8. Kickapoo Burst—Ball of Fire
9. Osage Burst—Ball of Fire
10. Inca Burst—Ball of Fire
11. Dakota Burst—Ball of Fire
12. Spark Caps—Development
- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-Control 00101

EGG-LAD-119 (Report: SECRET-RD) Cd: Uncl.
Edgerton, Germeshausen and Grier, Inc.,
Los Alamos, New Mexico.
REVIEW OF HIGH SPEED PHOTOGRAPHIC RECORDS
(U) FINAL REPORT 1 OCTOBER 1970 THROUGH
30 SEPTEMBER 1971. 122p. (LAD-522)

1-26-72

9. Priscilla Burst--
Photography
10. Flat Head Burst--
Photography
11. Plumbbub--Photography
12. Tumbler-Snapper--
Photography

- I. Corp. Auth.
- II. LAD-522
1. Atomic
Explosions--
Detection
2. Hood Burst--
Photography
3. Dakota Burst--
Photography
4. Wilson Burst--
Photography
5. Navajo Burst--
Photography
6. Union Burst--
Photography
7. Nectar Burst--
Photography
8. Owens Burst--
Photography

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Copies: N15

207

JUN 16 1994

EG&G-LAD-152 (Rpt: S-RD)
EG&G Inc., Los Alamos, N. Mex.
A REVIEW OF HIGH SPEED PHOTOGRAPHIC DATA
PROPOSED PROGRAM CONTINUATION (U). 1
JULY 1973 THROUGH 30 JUNE 1976. Donald
D. Cobb. 14p.

Submitted to: Headquarters United States
Air Force, Air Force Technical
Applications Center, Washington, D.C.

3-7-73

Rec'd:

Copies:

Cd. Unclass.

- I. Author (1)
- II. Corp. Auth.
 1. Boltzman Burst--
Photography
 2. Dakota Burst--
Photography
 3. Truckee Burst--
Photography
 4. Navajo Burst--
Photography
 5. Union Burst--
Photography
 6. Nectar Burst--
Photography

N9

LA-133-67-5
& Master

8-3-67

#2

JO-267 (Report: SECRET) Card: CONFIDENTIAL RD

N3

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JUNE 1956.
June 30, 1956 18p.

1. Erie Burst—
"Alpha"
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(Cont'd. on Card 2)

JUN 16 1994

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

8. Kickapoo Burst—Ball of Fire
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10. Inca Burst—Ball of Fire
11. Dakota Burst—Ball of Fire
12. Spark Gaps—Development
- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-Control 00101

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- II. EG&G-Control 00101

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EG&G-Tech. Memo. B-28 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.
Boston.

COMPARISON OF FIELD AND FINAL
ALPHA VALUES, OPERATION REDWING.
TECHNICAL MEMORANDUM NO. B-28.
April 10, 1957. 11p.

8. Flathead Burst--"Alpha"

I. Corp. Author

II. EG&G OUT 0482

1. Lacrosse Burst
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2. Erie Burst
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--"Alpha"
4. Osage Burst
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5. Dakota Burst
--"Alpha"
6. Navajo Burst
--"Alpha"
7. Apache Burst
--"Alpha"

N12

EG&G-1583 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Inc., Boston

RAPATRONIC PHOTOGRAPHY OF
THE FIREBALL, REDWING, 1956.
March 15, 1957. 20p.

8. Apache Burst--Ball of Fire

9. Huron Burst--Ball of Fire

I. Corp. Author

II. EG&G Control No. 451

1. Lacrosse Burst
--Ball of Fire
2. Yuma Burst--
Ball of Fire
3. Erie Burst--
Ball of Fire
4. Blackfoot Burst--
Ball of Fire
5. Kickapoo Burst--
Ball of Fire
6. Osage Burst--
Ball of Fire
7. Mohawk Burst--
Ball of Fire

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& Master

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EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JUNE 1956.
June 30, 1956 18p.

1. Erie Burst—
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JUN 16 1994

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EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

8. Kickapoo Burst--Ball of Fire
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- I. Edgerton, Germeshausen & Grier, Inc.
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EG&G-1583 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Inc., Boston
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March 15, 1957. 20p.

8. Apache Burst--Ball of Fire
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1. Lacrosse Burst
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3. Erie Burst--
Ball of Fire
4. Blackfoot Burst--
Ball of Fire
5. Kickapoo Burst--
Ball of Fire
6. Osage Burst--
Ball of Fire
7. Mohawk Burst--
Ball of Fire

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JUN 16 199

005

FILM-Y-55 (Film: SECRET-RD) Cd: Unclass.
Los Alamos Scientific Lab., N. Mex. I. Corp. Auth.
BLACKFOOT HURON. [1956]. Black & White, 1. Blackfoot Burst
sd., 13 min., 16mm.

7-13-70

print #2

N5

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005

~~SECRET~~

JUN 16 1994

Fission Weapon Committee
MINUTES OF THE 145TH MEETING
OCTOBER 3, 1958. George H. Best
October 13, 1958. 4p.

1. Colfax Test
 2. Lea Burst
 3. Dona Ana Burst
 4. Hidalgo Test
 5. Rio Arriba Burst
 6. Kepler Burst
 7. Galileo Burst
 8. Blackfoot Burst
 9. Huron Burst
 10. Sequoia Burst
 11. Mora Burst
 12. Hardtack-Phase II
 - I. Personal Author
 - II. Corp. Author
 - III. GMX-1569
- N16

LA-AC-56-6 (Secret/RD)
Los Alamos Scientific Laboratory.
BLACKFOOT HURON. Audio Cassette.
[1956] 1 cassette tape. Soundtrack.

- CD: Unclass.
- I. Corp. Auth.
 - II. FILM-Y-55
 1. Blackfoot burst

5-1-84
NWN

c.1A

N4

EG&G-1447 (Rpt: SECRET) Cd: CONFIDENTIAL.

Edgerton, Germeshausen & Grier, Inc.
Boston.
PROGRESS FOR THE MONTH OF FEBRUARY,
1956.

February 29, 1956 20p.

- II. EG&G-OUT-1975
- III. Contract AT(29-1)-1183

1. Redwing—
Instrumentation
2. Lacrosse Burst
—"Alpha"
3. Erie Burst
—"Alpha"
4. Blackfoot
Burst—"Alpha"
5. Osage Burst
—"Alpha"
6. Spark Gaps
- I. Edgerton, Germe-
hausen & Grier,
Inc., Boston

SECRET

JUN 16 1994

Edgerton, Germeshausen & Grier, Inc.
 PROGRESS FOR THE MONTH OF JUNE 1956
 June 30, 1956 18p.

1. Erie Burst—
—"Alpha"
2. Blackfoot Burst
—"Alpha"
3. Osage Burst
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4. Dakota Burst
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5. Seminole Burst
—Ball of Fire
6. Flathead Burst
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7. Blackfoot Burst
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(Cont'd. on Card 2)

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

8. Kickapoo Burst—Ball of Fire
9. Osage Burst—Ball of Fire
10. Inca Burst—Ball of Fire
11. Dakota Burst—Ball of Fire
12. Spark Gaps—Development
- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-Control 00101

EG&G-Tech. Memo. B-28 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.
 Boston.
 COMPARISON OF FIELD AND FINAL
 ALPHA VALUES, OPERATION REDWING.
 TECHNICAL MEMORANDUM NO. B-28.
 April 10, 1957. 11p.

8. Flathead Burst—"Alpha"
- I. Corp. Author
- II. EG&G OUT 0482

1. Lacrosse Burst
—"Alpha"
2. Erie Burst
—"Alpha"
3. Blackfoot Burst
—"Alpha"
4. Osage Burst
—"Alpha"
5. Dakota Burst
—"Alpha"
6. Navajo Burst
—"Alpha"
7. Apache Burst
—"Alpha"

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JUN 1 1957

EG&G-1583 (Report SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Inc., Boston
RAPATRONIC PHOTOGRAPHY OF
THE FIREBALL, REDWING, 1956.
March 15, 1957. 20p.

- 8. Apache Burst--Ball of Fire
- 9. Huron Burst--Ball of Fire
- I. Corp. Author
- II. EG&G Control No. 451

- 1. Lacrosse Burst
--Ball of Fire
- 2. Yuma Burst--
Ball of Fire
- 3. Erie Burst--
Ball of Fire
- 4. ~~Blackfoot Burst--~~
~~Ball of Fire~~
- 5. Kickapoo Burst--
Ball of Fire
- 6. Osage Burst--
Ball of Fire
- 7. Mohawk Burst--
Ball of Fire

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JUN 16 1994
003

EGG-LAD-111 (Report: SECRET-RD) Cd: Uncl.
Edgerton, Germeshausen and Grier Inc.,
Los Alamos, New Mexico.
REVIEW OF HIGH SPEED PHOTOGRAPHIC RECORDS
(U) QUARTERLY PROGRESS REPORT, 1 JANUARY-
31 MARCH 1971. May 10, 1971. 65p.
(EGG-LAD-442)

- I. Corp. Auth.
- II. EGG-LAD-442
1. Priscilla Burst
2. Hood Burst
3. Navajo Burst
4. Flathead Burst
5. Truckee Burst

4-13-72

N8

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Title List:

EGG-LAD-185 (Report: SECRET-RD)
Edgerton, Germeshausen and Grier Inc.,
Los Alamos, New Mexico.
OLD FIREBALL PROGRESS SUMMARY (U).
1 OCTOBER THROUGH 31 DECEMBER 1973. 8p.
(LAD-7340)

- Cd: Unclassified
- I. Corp. Auth.
 - II. LAD-7340
 1. Flathead Burst
 2. Encino Burst
 3. Fireball
Radiance Profiles

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Cd: CONFIDENTIAL

Los Alamos Scientific Lab.
Fission Weapon Committee
MINUTES OF THE NINETY-NINTH
MEETING, 24 OCTOBER 1955.
Eyster, Eugene H
Oct. 27, 1955 3p.

1. Python
2. Gnat
3. 56 Project NTS
4. Flathead Burst
5. Erie Burst
6. Air Lenses
- I. Eyster, Eugene H
- II. LASL. Fission
Weapon Committee
- III. GMX-1130

LA-5843-PR (Report: S-RD)
Los Alamos Scientific Lab., New Mexico.
ANNUAL REPORT ON RADIATION CHARACTERIZA-
TION PROGRAM, FY 1974 (U). William E.
Freag and Robert M. Hanson. April 1975.
10p.

4-4-75

LA-5-75-12 & Master

Rec'd:

Copies:

Title List:

- Cd: SHSI Set 1A
- I. Authors (2)
 - II. Corp. Auth.
 1. French Atomic
Explosives--
Detection &
Measurement
 2. Atomic Explosions
--Prompt Radiation
 3. Atomic Explosions
--Neutron Emissions
 4. Atomic Explosion
--Gamma Radiation
 5. Flathead Burst
 6. Dakota Burst
 7. Bula Hoop
 8. Dice Game

LA-5995-PR (Rpt: S-RD)
Los Alamos Scientific Lab., NM.
LASL WEAPONS QUARTERLY (U). FOR THE
PERIOD ENDING MARCH 31, 1975. Leslie
M. Redman, Comp. and Earleen Eden, Ed.
May 1975. 88p.

15. Popcorn
 16. Laser Isotope Separation
 17. Gallium-Plutonium Alloys
 18. Electron Beam Welding
 19. Tungsten Alloys--Mechanical
Properties
 20. Gas Lasers
 21. Lasers
 22. Neodymium Laser Systems
- Con't. on page 2

6-12-75

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Title List:

- Cd: C-RD
- I. Authors (2)
 - II. Corp. Auth.
 1. Sapello
 2. EMP Generators
 3. Computer Programs
(G)--GUANO
 4. Computer Programs
(R)--RUDI
 5. Computer Programs
(M)--MAGEE
 6. Pratt
 7. Ball of Fire--
Calculations
 8. Flathead
 9. Navajo Burst
 10. Ozone
 11. Stratosphere
 12. Tordo
 13. Barium
 14. Water Waves

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JUN 16 1994

23. Laser Targets
24. Laser Driven Fusion
25. Isotope Separation Methods
26. MRR
27. B61
28. Weapon 76
29. Re-Entry Vehicles (4)
30. Bilge
31. Weapon 78
32. Re-Entry Vehicles (12)
33. Topgallant
34. Americium Isotopes Am-241

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LA-AC-84-3 (Secret/RD)
 Los Alamos Scientific Laboratory.
 ERIE SEMINOLE FLATHEAD. Audio
 Cassette. n.d. 1 cassette tape.
 Soundtrack.

CD: Unclass.

I. Corp. Auth.

II. FILM-Y-51

1. Erie burst

2. Seminole burst

3. Flathead burst

4-4-84
 NWN

c. 1A

N6

MRC-R-178 (Report: S-RD)
 Mission Research Corp., Santa Barbara,
 Calif.
 EARLY-TIME OPTICAL STUDIES III (U).
 May 1975. 69p. (MRC-IR-75-177).

8-4-75

Cd: S-NSI Set-1A

I. Corp. Auth.

1. Atmospheric Bursts
 --Calculations2. French Atomic
 Explosions3. Flathead4. Optical Detonation
 (WD)5. Chinese Atomic
 Explosions

II. MRC-IR-75-177

LA-24-75-8 & Master

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EG&G-Tech. Memo. B-28 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.
Boston.

COMPARISON OF FIELD AND FINAL
ALPHA VALUES, OPERATION REDWING.
TECHNICAL MEMORANDUM NO. B-28.
April 10, 1957. 11p.

8. Flathead Burst--"Alpha"
- I. Corp. Author
- II. EG&G OUT 0482

1. Lacrosse Burst
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EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JUNE 1956.
June 30, 1956 18p.

1. Erie Burst--
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(Cont'd. on Card 2)

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

8. Kickapoo Burst--Ball of Fire
9. Osage Burst--Ball of Fire
10. Inca Burst--Ball of Fire
11. Dakota Burst--Ball of Fire
12. Spark Gaps--Development
- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-Control 00101

[REDACTED]
FILM-Y-51 (Film: SECRET-RD) Cd: UNCLASSIFIED
Los Alamos Scientific Lab., N. Mex.
ERIE SEMINOLE FLATHEAD. n.d. 15 min.,
sd., b&w., 16 mm.

- JUN 16 1994
- I. Corp. Auth.
 1. Erie Burst
 2. Seminole
Burst
 3. Flathead Burst

8-3-67

N6

LA-AC-84-3 (Secret/RD)
Los Alamos Scientific Laboratory.
ERIE SEMINOLE FLATHEAD. Audio
Cassette. n.d. 1 cassette tape.
Soundtrack.

- CD: Unclass.
- I. Corp. Auth.
 - II. FILM-Y-51
 1. Erie burst
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4-4-84
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[REDACTED]

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- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-Control 00101

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JUN 16 1994

5379JFE (Report: SECRET) Card: CONFIDENTIAL RD

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EG&G-1478 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS FOR THE MONTH OF MAY, 1956.
May 31, 1956 16p.

- 1. Lacrosse Burst
- 2. Cherokee Burst
- 3. Zuni Burst
- 4. Yuma Burst
- 5. Erie Burst
- 6. Spark Gaps—
Development
- I. Edgerton,
Germeshausen &
Grier, Inc.,
Boston
- II. EG&G Control No.
00023

III. Contract AT(29-1)-1183

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EG&G-1478 (Report: SECRET) Card: UNCLASSIFIED

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PROGRESS FOR THE MONTH OF MAY, 1956.
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00023

III. Contract AT(29-1)-1183

FILM-Y-51 (Film: SECRET-RD) Cd: UNCLASSIFIED

Los Alamos Scientific Lab., N. Mex.
ERIE SEMINOLE FLATHEAD. n.d. 15 min.,
sd., b&w., 16 mm.

- I. Corp. Auth.
1. Erie Burst
2. Seminole
Burst
3. Flathead Burst

~~SECRET~~

JUN 16 1994

FWC-M99

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Ca: CONFIDENTIAL

Los Alamos Scientific Lab.
Fission Weapon Committee
MINUTES OF THE NINETY-NINTH
MEETING, 24 OCTOBER 1955.
Eyster, Eugene H
Oct. 27, 1955 3p.

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Los Alamos Scientific Laboratory.
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Soundtrack.

- CD: Unclass.
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 2. Seminole burst
 3. Flathead burst

4-4-84
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[REDACTED]
UCID-5010 (Report: SECRET) cd: CONFIDENTIAL RD
California. University. Livermore.

JUN 16 1994

Lawrence Radiation Lab.

FIREBALL ABLATION. T. Wainwright.
June 3, 1963. 15p. including p.i.

- I. Author (1)
- II. Corp. Auth.
- III. COT-63-23
1. Ball of Fire
2. Bagpipe
3. Erie Burst
4. Smoky Burst

7-12-65

N8

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.
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EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

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9. Osage Burst—"Ball of Fire"
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- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-Control 00101

JUN 16 1994

EG&G-Tech. Memo. B-28 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.
Boston.

COMPARISON OF FIELD AND FINAL
ALPHA VALUES, OPERATION REDWING.
TECHNICAL MEMORANDUM NO. B-28.
April 10, 1957. 11p.

8. Flathead Burst--"Alpha"
- I. Corp. Author
- II. EG&G OUT 0482

1. Lacrosse Burst
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7. Apache Burst
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EG&G-1583 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Inc., Boston
RAPATRONIG PHOTOGRAPHY OF
THE FIREBALL, REDWING, 1956.
March 15, 1957. 20p.

8. Apache Burst--Ball of Fire
9. Huron Burst--Ball of Fire
- I. Corp. Author
- II. EG&G Control No. 451

1. Lacrosse Burst
--Ball of Fire
2. Yuma Burst--
Ball of Fire
3. Erie Burst--
Ball of Fire
4. Blackfoot Burst--
Ball of Fire
5. Kickapoo Burst--
Ball of Fire
6. Osage Burst--
Ball of Fire
7. Mohawk Burst--
Ball of Fire

N12


EG&G-1478 (Report: SECRET) ~~CONFIDENTIAL~~ UNCLASSIFIED

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JUN 16 1994

Edgerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS FOR THE MONTH OF MAY, 1956.
May 31, 1956 16p.

1. Lacrosse Burst
2. Cherokee Burst
3. Zuni Burst
4. Yuma Burst
5. Erie Burst
6. Spark Gaps—
Development
- I. Edgerton,
Germeshausen &
Grier, Inc.,
Boston
- II. EG&G Control No.
00023

III. Contract AT(29-1)-1183

FILM-QA-65 (Film: SECRET-RD) Cd: UNCLASSIFIED
California. Univ., Livermore. Lawrence I. Corp. Auth.
Radiation Lab. 1. Zuni Burst
ZUNI. n.d. 15 min., sd., b&w, 16 mm.

8-3-67

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1

~~SECRET~~

JUN 16 1994

RM-1848 (Report: SECRET) Card: CONFIDENTIAL RD

Rand Corporation
EVALUATION OF REDWING RADIO-
LOGICAL EXPERIMENTS. B. L.
Tucker. January 3, 1957. 11p.

1. Radiological Warfare
2. Zuni Burst
3. Salting
- I. Personal Author
- II. Corp. Author

N6

UCRL-4774 (Report: SECRET) Card: CONFIDENTIAL RD

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LA-11819 and LA-11819 Errata (Rpt:Secret/RD)

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Diagnostics

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UCRL-4562

California. Univ. Livermore.
Radiation Laboratory.
CASTLE (Koon) ALPHA, GAMMA AND THERM
MEASUREMENTS.
Heusinkveld, Myron September, 1955
121p.

SECRET

CD: OFFICIAL USE ONLY

- I. Koon Burst
- I. Heusinkveld, Myron
- II. Calif. Univ.
Livermore.
Radiation Lab.

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EG&G-1478 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS FOR THE MONTH OF MAY, 1956.
May 31, 1956 16p.

1. Lacrosse Burst
2. Cherokee Burst
3. Zuni Burst
4. Yuma Burst
5. Erie Burst
6. Spark Gaps—
Development
- I. Edgerton,
Germeshausen &
Grier, Inc.,
Boston
- II. EG&G Control No.
00023

III. Contract AT(29-1)-1183

FILM-OA-64 (Film: SECRET-RD) Cd: UNCLASSIFIED

California. Univ., Livermore. Lawrence
Radiation Lab.
YUMA. n.d., 10 min., sd., b&w, 16 mm.

- I. Corp. Auth.
1. Yuma Burst

8-3-67

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JO-270 (Report: SECRET) Card: CONFIDENTIAL RD

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SECRET

JUN 16 1994

LA-AC-84-1 (Secret/RD)
Lawrence Radiation Laboratory.
YUMA. Audio Cassette. n.d.
1 cassette tape. Soundtrack.

CD: Unclass.
I. Corp. Auth.
II. FILM-OA-64
1. Yuma burst

4-4-84
NWN

c.1A

N4

EG&G-1583 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Inc., Boston
RAPATRONIC PHOTOGRAPHY OF
THE FIREBALL, REDWING, 1956.
March 15, 1957. 20p.

8. Apache Burst--Ball of Fire
9. Huron Burst--Ball of Fire
I. Corp. Author
II. EG&G Control No. 451

1. Lacrosse Burst
--Ball of Fire
2. Yuma Burst--
Ball of Fire
3. Erie Burst--
Ball of Fire
4. Blackfoot Burst--
Ball of Fire
5. Kickapoo Burst--
Ball of Fire
6. Osage Burst--
Ball of Fire
7. Mohawk Burst--
Ball of Fire

N12

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JUN 16 1994 Deleted

ALO-LA-6 (Report: SECRET)
Albuquerque Operations Office, AEC.
OPERATION REDWING. PACIFIC
PROVING GROUND SPRING &
SUMMER 1956. REPORT OF THE
MANAGER, ALBUQUERQUE
DIVISION, AEC. 1956. 131p.

Cd: UNCLASSIFIED

- 1. Corp. Auth.
- 1. Redwing

8-24-65

N3

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111. 1111-01

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CTG-7.1 Gen'l Concept-1-55

SECRET

Joint Task Force Seven. Task
Group 7.1

GENERAL CONCEPT NO. 1-55 OF
OPERATION REDWING AND MONTHLY
STATUS REPORT.

Curry, Duncan Jr. April 12,
1955 59p.

XII. J3-59

XIII. J3-60

XIV. J3-61

XV. J3-62

XVI. J3-63 1. Redwing

I. Curry, Duncan Jr.

II. Joint Task Force
Seven. Task Group 7.

III. J3-50

IV. J3-51

V. J3-52

VI. J3-53

VII. J3-54

VIII. J3-55

IX. J3-56

X. J3-57

XI. J3-58

CXXVIII-24 (Report: ~~TOP SECRET~~ SECRET) card: UNCLASSIFIED

Calif. Univ., Livermore. Radiation Lab. 1. Redwing
PRELIMINARY DISCUSSION OF THE 1. Personal Author
UNIVERSITY OF CALIFORNIA RADIATION II. Corp. Author
LABORATORY PLANS FOR OPERATION
REDWING. Mark M. Mills. July 7, 1955.
9p.

Auth. No. CXXVIII-24-18A.

N4

JUN 16 1994

EGG-1183-5082 (Rpt: S-RD)
EG & G, Los Alamos, NM and Los Alamos
Scientific Laboratory, NM.
REVIEW OF HIGH-SPEED PHOTOGRAPHIC RECORDS
(U). FY 76 YEAR END STATUS REPORT. C.M.
Mitchell and Harold I. Heaton. June 1977
48p. (LAD-8897).

CD: UNCLASS.

- I. Authors(2)
- II. Corp. Authors(2)
- III. LAD-8879
 1. Atomic Explosions
-- Photographic
Analysis
 2. Flathead
 3. Dakota
 4. Redwing
 5. Ivy King

11/21/77

c. 1A Thru 20A

N11

EGG-1183-5038 (Report: SECRET-RD)
Edgerton, Germeshausen and Grier, Los
Alamos, New Mexico and Los Alamos
Scientific Lab., New Mexico.
OPERATION REDWING SPECTROGRAPHIC
OBSERVATIONS OF DAKOTA (0 - 10 nsec)
(U). D. D. Cobb and C. K. Mitchell.
June 1974. 106p. (EGG-LAD-7676)

- Cd: UNCLASSIFIED
- I. Authors (2)
 - II. Corp. Authors (2)
 - III. EGG-LAD-7676
 1. Redwing
 2. Dakota
 3. Spectrum Analysis

10-3-74

N9

Rec'd:

Count:

Title List:

EG&G-1499 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS FOR THE MONTH OF JULY, 1956.
July 31, 1956. 23p.

9. Apache Burst—"Alpha"
10. Navajo Burst—"Alpha"
11. Time Interval (TN)—Measurement
 - I. Corporate Author
 - II. EG&G Control No. 00176

1. Pilgrim—
Preparation
2. Spark Gaps
3. Redwing
4. Mohawk Burst—
Ball of Fire
5. Apache Burst—
Ball of Fire
6. Navajo Burst—
Ball of Fire
7. Tewa Burst—
Ball of Fire
8. Huron Burst—
Ball of Fire

EG&G-LV-216

SECRET
cd: CONFIDENTIAL

JUN 16 1994

Edgerton, Germeshausen &
Grier, Inc.
OPERATION REDWING. INTERIM
EXPERIMENTAL SUMMARY, E.G.&G
PROGRAMS.

Sept. 26, 1955 44p.

1. Redwing
- I. Edgerton, Germes-
hausen & Grier, Inc
- II. EG&G-LV-1736
- III. No.
LV-1736

EG&G-LV-02562 (Report: CONFIDENTIAL)
Edgerton, Germeshausen & Grier, Inc.,
Las Vegas, Nevada.
REDWING PRINT ASSEMBLY SHEETS.
Sara Willett. November 23, 1956.
51p.

Cd: UNCLASSIFIED
I. Author (1)
II. Corp. Auth.
III. LV-02562
1. Redwing
2. Photographic
Films

2-21-67

N6

EG&G-OUT-1859

SECRET
Cd: OFFICIAL USE ONLY

Edgerton, Germeshausen & Grier,
Inc.
PROGRESS REPORT FOR THE MONTH
OF JULY, 1955.
July 29, 1955 39p.

1. Redwing
2. Photography--
Equipment
3. Upshot-Knothole
--"Alpha"
Measurement
4. Upshot-Knothole-
Transit Times
5. Zucchini--Cloud
Formation

(Cont'd on cd 2)

JUN 16 1994

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6. Apple--Cloud Formation
7. HA
8. Apple II--Cloud Formation
9. Spark Gaps
- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-1368

EG&G-OUT-1868

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Edgerton, Germeshausen & Grier,
Inc.
PROGRESS FOR THE MONTH OF
AUGUST, 1955.
Aug. 31, 1955 35p.

I. Edgerton, Germeshausen
& Grier, Inc.
II. EG&G-1374

1. Redwing--
Instrumentation
2. Redwing--Photo-
graphy
3. Redwing
4. High Speed Photo-
graphy
5. Time Interval--
Measurement
6. Spark Gaps

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EG&G-PPG-2272 (Report: SECRET) UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Boston.
ERIE ALPHA ANALYSIS. D. J. Barnes
June 8, 1956. 59p.

1. Erie Burst--
"Alpha"
2. Redwing
I. Personal Author
II. Corp. Author
III. PPG-2272

N6

3/62

EG&G-PPG-2315 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston.
PRELIMINARY ALPHA- SHOT BLACKFOOT. D. J. Barnes. June 19, 1956. 89p.

1. Blackfoot Burst--
"Alpha"
2. Redwing
I. Personal Author
II. Corp. Author
III. PPG-2315

N6

3/62

EG&G-PPG-2321 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston.
PRELIMINARY ALPHA- SHOT OSAGE.
Donald J. Barnes. June 20, 1956. 23p.

1. Osage Burst--
"Alpha"
2. Redwing
I. Personal Author
II. Corp. Author
III. PPG-2321

N6

3/62

SECRET

EG&G-PPG-2336 (Report: SECRET)

d: UNCLASSIFIED

JUN 16 1994

Edgerton, Germeshausen & Grier, Inc.,
Boston.

PRELIMINARY ALPHA DAKOTA. D.
Barnes. June 28, 1956. 28p.

1. Dakota Burst--
"Alpha"
2. Redwing
 - I. Personal Author
 - II. Corp. Author
 - III. PPG-2336

N6

3/62

EG&G-PPG-2340 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston.

COMMON TIME FIT- SHOT BLACKFOOT
(PRELIMINARY REPORT). D. J. Barnes.
June 30, 1956. 10p.

1. Blackfoot Burst--
--Time of Arrival
2. Redwing
 - I. Personal Author
 - II. Corp. Author
 - III. PPG-2340

N6

3/62

EG&G-PPG-2372 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston.

PRELIMINARY ALPHA SHOT APACHE.
D. J. Barnes. July 16, 1956. 37p.

1. Apache Burst--
"Alpha"
2. Redwing
 - I. Personal Author
 - II. Corp. Author
 - III. PPG-2372

N6

3/62

SECRET

EG&G-PPG-2373 (Report: SECRET)

UNCLASSIFIED

JUN 16 1994

Edgerton, Germeshausen & Grier, Inc.
Boston.

PRELIMINARY ALPHA - SHOT NAVAHO
D. J. Barnes. July 16, 1956. 27p.

- 1. Navaho Burst--
"Alpha"
- 2. Redwing
- 3. Personal Author
- 4. Corp. Author
- 5. PPG-2373

N6

3/62

EG&G-PPG-2400 I (Report: SECRET) Cd: UNCLASSIFIED

Edgerton, Germeshausen and Grier, Inc.,
Boston, Mass.

PRELIMINARY ALPHA - SHOT TEWA.
D. Berkowitz. July 24, 1956. 19p.

- 1. Redwing
- 2. Tewa Burst
- 3. Personal Author
- 4. Corp. Author
- 5. PPG-2400 I

N6

EG&G-Tech. Memo-B-37 (Report: SECRET) Cd: UNCLASSIFIED

Edgerton, Germeshausen and Grier, Inc.,
Las Vegas, Nev.

EFFECTS OF LENS DISTORTION ON
REDWING CHEROKEE FIREBALL YIELD.
TECH. MEMO. B-37. July 9, 1957.
8p.

- 1. Redwing
- 2. Cherokee Burst
--Yield
- 3. Corp. Author
- 4. EG&G Control No.
00625

N5

SECRET

243

JUN 9 6 1994

EG&G-Tech. Memo-B-39 (Report: SECRET) Cd: CONFIDENTIAL
RD

Edgerton, Germeshausen & Grier, Inc.,
Las Vegas, Nev.

TIME TO MINIMUM AND SECOND
MAXIMUM: SELECTED REDWING
SHOTS. TECHNICAL MEMORANDUM
B-39. E. Patricia Leary. July 9,
1957. 6p.

1. Redwing
2. Cherokee Burst
3. Navaho Burst
4. Lacrosse Burst
5. Erie Burst
6. Mohawk Burst
- I. Personal Author
- II. Corp. Author
- III. EG&G Control No.
00626

N10

Title List:

FILM-LXI-10011 (Film: TOP SECRET-RD)
Los Alamos Scientific Lab., N. Mex.
REDWING SUMMARY. [n.d.]. Black & White,
1265' 30 frame. (Film-Y-56)

Cd: UNCLASSIFIED
I. Corp. Auth.
II. Film-Y-56
1. Redwing

Auth. No. LXI-10011-1S & 2N

5-10-71

prints #1S, 2N N6

Rec'd:

Copies:

FILM-LXI-10012 (Film: TOP SECRET-RD)
Los Alamos Scientific Lab., N. Mex.
REDWING SUMMARY. [n.d.]. Black & White,
965' 31 frame. Sound. (Film-Y-57)

Cd: UNCLASSIFIED
I. Corp. Auth.
II. Film-Y-57
1. Redwing

Auth. No. LXI-10012

5-10-71

prints #1S, 1N
3N, 4N

N6

Rec'd:

Copies:

JUN 16 1994

[REDACTED]
FILM-UCRL-1A-5 (Film: SECRET-RD) Cd: Unclass.
California. Univ., [Livermore, Calif.].
Lawrence Radiation Lab.
"QUICKIE FILM" - Operation Redwing ---
TEWA Event. [1956]. Black & White,
sd., 9 1/2 min., 16mm.

1. Corp. Auth.
1. Tewa Burst
2. Redwing

7-13-70

print #2

N6

FILM-Y-48 (Film: SECRET) Card: UNCLASSIFIED

Los Alamos Scientific Lab., N. Mex.
OPERATION REDWING. ERIE SHOT.
(MOTION PICTURE). Sept., 1956.
Scientific photography by Program 15.2.
Animation by LASL Graphic Arts. 4 min.,
sd., bw., 16 mm.

1. Erie Burst
2. Redwing
1. Corp. Author

N4

2/62

FILM-Y-50 (Film: SECRET) Card: UNCLASSIFIED

Los Alamos Scientific Lab., N. Mex.
OPERATION REDWING, LACROSSE SHOT.
(MOTION PICTURE). May, 1956. 15 min.,
magnetic sd., bw., 16 mm.

N4

1/62

[REDACTED]
SECRET

112

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JUN 1 6 1956

FILM-Y-52 (Film: SECRET) Card: UNCLASSIFIED

Los Alamos Scientific Lab., N. Mex. 1. Cherokee Burst
OPERATION REDWING, CHEROKEE SHOT. 2. Redwing
(MOTION PICTURE). May, 1956. 12 min., 1. Corp. Author
magnetic sd., bw., 16 mm.

N4 1/62

FWC-M91

SECRET

LASL. Fission Weapon Committee
MINUTES OF THE NINETY-FIRST
MEETING, 30 MARCH 1955.
Best, George H April 4, 1955
4p.

1. Wasp
2. Apple
3. Redwing
I. Best, George H-
II. LASL. Fission
Weapon Committee
III. GMX-1070

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Set No. 1A
LA-84-55-9

746

FWC-M97

SECRET

Cd: CONFIDENTIAL

JUN 16 1994

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FWC-M97

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SECRET

Cd: CONFIDENTIAL

- I. Best, George H
- II. LASL. Fission Weapons Committee
- III. GMX-1125

Deleted

DOE

~~SECRET~~

JUN 16 1994

HN-LA-61 (Report: SECRET) Card: UNCLASSIFIED

Holmes and Narver, Inc.
COMPLETION REPORT, OPERATION
REDWING, U.S. ATOMIC ENERGY
COMMISSION PACIFIC PROVING
GROUND. 1954 - 1956. 189p.

1. Redwing
2. Eniwetok Proving
Ground
- I. Corp. Author
- II. (LA-1862)
- III. (LA-1843)

N6

ITR-1344 (Report: SECRET)

Office of the Deputy Chief of Staff,
Weapons Effects Tests, Field
Command, AFSWP.
SUMMARY REPORT OF THE
COMMANDER, TASK UNIT 3.
MILITARY EFFECTS, PROGRAMS
1 - 9. OPERATION REDWING
PRELIMINARY REPORT. K. D.
Coleman. November, 1956. 176p.

1. Redwing
2. Effects
Experiments
- I. Personal Author
- II. Corp. Author

N5

J3-142

SECRET
cd: CONFIDENTIAL

Joint Task Force Seven. Task
Group 7.1
SCHEDULE OF PARTICIPATION IN
REDWING.
Kerwin, W T Aug. 18, 1955
13

1. Redwing
- I. Kerwin, W T
- II. Joint Task Force
Seven. Task
Group 7.1

~~SECRET~~

JUN 1955

Joint Task Force Seven. Task
Group 7.1.

SCHEDULE OF PARTICIPATION IN
REDWING. (REVISION NO. 1 TO
REDWING PARTICIPATION).

Kerwin, W T Oct. 13, 1955
13p.

- I. Redwing
- I. Kerwin, W T
- II. Joint Task Force
Seven. Task Group
7.1

Deleted

J3-H-1 (Report: CONFIDENTIAL)

Joint Task Force Seven. Task Group 7.1
CTG 7.1 OPERATION ORDER 2-56 (INTERIM
PHASE). TASK ORGANIZATION. Gaslen Felt.
August 20, 1956. 5p.

1. Redwing
2. Pilgrim
3. Hardtack
4. Joint Task Force
Seven. Task Group
7.1
- I. Personal Author
- II. Corporate Author

Deleted

J-10-549 (Report: SECRET) Cd: UNCLASSIFIED
Los Alamos Scientific Lab., New Mexico
FIREBALL YIELDS REDWING.
Joseph F. Mullaney. August 17, 1959.
28p.

1. Authors (6)
- II. Corp. Auth.
1. Redwing

Work done by: Leroy N. Blumberg, Robert
D. Cowan, Louis Gatt, Herman Hoerlin,
Thomas L. Jordan, Jr., Joseph F. Mullaney.

JO-89

SECRET

LASL. Pogo Staff
MINUTES OF MEETING, DECEMBER 22,
1954.
Ogle, William E Dec. 28, 1954
3p.

1. Dixie
 2. Redwing
 3. Teapot
 4. Small Implosion
Weapons
- I. Ogle, William
 - II. LASL. Pogo Staff

Deleted

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SECRET

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LA-417-56-18

JTF-7-Order 1-54

Secret

LASL. Joint Task Force Seven.
Task Group 7.1
Commander Task Group 7.1, Joint
Task Force Seven Operation
Order No. 1-54.
28 June 1954 4p.

JTF-7-Order 1-54
LASL. Joint Task
Force Seven. Task
Group 7.1
J3-1
1. Castle
2. Redwing

JTF-7, TG 7.5 (1956) (Report: SECRET)

Joint Task Force Seven. Task Group
7.5
OPERATION REDWING, PACIFIC
PROVING GROUND, SPRING AND
SUMMER, 1956. 135p.

1. Redwing
1. Corp. Author

N3

JTF-7, TG 7.5 (1956) Sec. 13 Report: SECRET)

Joint Task Force Seven. Task Group
7.5
OPERATION REDWING, PACIFIC
PROVING GROUND. SECTION 11.
ADDENDUM. 1956. 26p.

1. Redwing
I. Corp. Author

N3

LA-6438-MS (Rpt: S=RD)
Los Alamos Scientific Lab., NM.
EFFECT OF DEVICE EMPLACEMENT ON THE POWER-TIME
CURVES OF NUCLEAR EXPLOSIONS IN THE ATMOSPHERE
(U). Marvin M. Hoffman. September 1976. 25p.

Confidential/RD

Cd: UNCLASSIFIED
I. Author
II. Corp. Author
1. Atomic Explosions--
Diagnostic Experiments
2. Atmospheric Bursts
3. Redwing
4. Hardtack
5. Bhangmeters

9-30-76

c.22A thru 40A

N8

LA-11404 (Rpt:Secret/RD)
Los Alamos National Laboratory.
BRIEF HISTORY OF THE FIRST EFFORTS OF THE
LIVERMORE SMALL-WEAPONS PROGRAM (U).
Lawrence S. Germain. Jan. 1991. 30 p.

Cd:Unclassified
I. Corp. Auth.
II. Auth. (1)
1. Atomic weapons--
Design--History
2. Teapot
3. Upshot-Knothole
4. Redwing
5. Plumbob
6. Hardtack
7. One-Point tests
8. Lawrence
Livermore National
Laboratory--
Research--History

5-15-91
WS

c.33A thru 119A

N12

~~SECRET~~

LA-AC-56-2 (Secret/RD)
Los Alamos Scientific Laboratory.
OPERATION REDWING, CHEROKEE SHOT.
Audio Cassette. May 1956. 1
cassette. Soundtrack.

CD: Unclass.
I. Corp. Auth.
II. FILM-Y-52
1. Redwing
2. Cherokee burst

JUN 16 1956

4-4-84
NWN

c.1A

N5

LA-AC-56-4 (Secret/RD)
Los Alamos Scientific Laboratory.
OPERATION REDWING, LACROSSE SHOT.
Audio Cassette. May 1956. 1
cassette. Soundtrack.

CD: Unclass.
I. Corp. Auth.
II. FILM-Y-50
1. Lacrosse burst
2. Redwing

4-4-84
NWN

c.1A

N5

LA-AC-84-4 (Secret/RD)
Los Alamos Scientific Laboratory.
REDWING SUMMARY. Audio Cassette.
[n.d.] 1 cassette tape. Soundtrack.

CD: Unclass.
I. Corp. Auth.
II. FILM-Y-56
1. Redwing

5-9-84
NWN

c.1A

N4

LA-AC-84-5 (Secret/RD)
Los Alamos Scientific Laboratory.
REDWING SUMMARY. Audio Cassette.
n.d. 1 cassette tape. Soundtrack
for: FILM-Y-57.
Auth. No. LXI-10012

CO: Unclass.
I. Corp. Auth.
II. Film-Y-57
1. Redwing

6-12-84
NWN

c.1A

N4

LAMD-1345

~~TOP~~ SECRET

Los Alamos Scientific Laboratory
LOS ALAMOS SCIENTIFIC LABORATORY
PROGRAM FOR THE PERIOD CALENDAR
YEAR 1955 AND CALENDAR YEAR 1956.
Bradbury, N E Dec. 22, 1954 4p.

Auth. No. CX-1036-32A.

1. Los Alamos Scientific Lab.
2. Nuclear Power
3. Thermonuclear Power
4. Implosion Weapons
5. Gun-Type Weapons
6. Thermonuclear Weapons
7. Teapot
8. Dixie
9. Redwing
- I. Bradbury, Norris E

Cont'd on card 2.

LAMD-1345

card 2

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II. Los Alamos Scientific Laboratory

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LAMD-1393

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CE: CONF.

Los Alamos Scientific Laboratory
PROGRAM FOR THE PERIOD CALENDAR
YEAR 1956 AND CALENDAR YEAR 1957.
Bradbury, N E Dec. 29, 1955 8p.

Auth. No. CX-1120-32A

1. Los Alamos Scientific Lab.
2. Computers
3. Nuclear Power
4. Lapre I
5. Lapre II
6. Lampre
7. Thermonuclear Power
8. Nuclear Propulsion
9. Implosion Weapons
10. Thermonuclear Weapons

(Cont'd on card 2)

LAMD-1390

Card 2

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11. Gun-type weapons
12. Small atomic weapons
13. Redwing
14. Pilgrim
15. One-Point Detonation
- I. Los Alamos Scientific Lab.
- II. Bradbury, N E

LAMD-1409 (Rpt: SECRET) Cd: O.U.O.

Los Alamos Scientific Laboratory
TRANSCRIPT OF TALK — REDWING.
Mark, Carson 1956

32p.

1. Redwing
- I. Mark, Carson
- II. Los Alamos Scientific Laboratory

~~SECRET~~

JUN 16 1994

NDL-TR-74 (Report: SECRET) Cd: UNCLASSIFIED
Nuclear Defense Lab., Edgewood Arsenal,

Md.

GAMMA DOSE RATE COMPILATION (U).

W.E. Loewe, J.W. Mandler, T.G.

Stinchcomb and W.E. Zagotta.

June 1966. 251p.

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Gamma
Green
Bus
Tum
Ivy
Castle
Redwing
Plumb
Hard
K. Sun
L. Fist

9-12-66

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OA-LIV-490 (Report: ~~SECRET~~ SECRET)

Joint Task Force Seven

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B. Hall Hanlon. August 27, 1956. 49p.

Auth. No. OA-LIV-490-6A

Redwing
1. Reducing
I. Personal Author
II. Corp. Author
III. TSRD 49-56W

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SWDB-56-102-2 (Report: SECRET) Card: CONFIDENTIAL RD

Sandia Corp. Special Weapons
Development Board.
MINUTES OF THE 102ND MEETING,
AUGUST 29, 1956. PART TWO.
August 29, 1956. 18p.

1. Redwing
2. Navaho Burst
3. Huron Burst
4. Mohawk Burst
5. Apache Burst
6. Tewa Burst
7. Vulnerability Studies
8. Storage Hazards
9. Totem Pole
- I. Corporate Author
- II. Q-60869

Tech. Memo. 120-56-51 (Report: SECRET) Card: OFFICIAL USE ONLY

Sandia Corporation
SOME PRESNOT CONSIDERATIONS OF THE
TOTEM POLE EXPERIMENT. TECH. MEMO.
Richardson, H M May 15, 1956 38p.

1. Totem Pole
2. Redwing
3. Kickapoo Burst
- I. Richardson, H M
- II. Sandia Corp.
- III. Q-58629
- IV. Ref. Sym: 7223
(316)
- V. Case No.
407.09

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UCRL-4828 (Report: SECRET) Card: UNCLASSIFIED

California. University. Livermore.
Radiation Laboratory.
REDWING SUBCRITICAL MEASURE-
MENTS. H. Robert Ralston. March 15,
1957. 55p.

1. Redwing
2. Mockingbird--Testing
3. Taxi
- I. Personal Author
- II. Corp. Author

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UCRL-5027 (Report: SECRET) Card: UNCLASSIFIED

Calif. Univ., Livermore. Radiation Lab.
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PHENOMENA IN THE TEWA EVENT OF
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FOR THE CONTROL OF FRACTION-
ATION. P. C. Stevenson, H. G. Hicks,
W. E. Nervik, and H. B. Levy. Nov.
21, 1957. 29p.

1. Tewa Burst--
Fractionation
2. Redwing
3. Fractionation
- I. Authors (4)
- II. Corp. Author

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Calif. Univ., Livermore. Radiation Lab.
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SATION OF BOMB DEBRIS BY A
RADIOCHEMICAL TECHNIQUE. P.
C. Stevenson. January 7, 1958. 26p.

1. Tewa Burst
2. Redwing
3. Whitney Burst
4. Plumbbob
5. Fission Products
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6. Bomb Debris
- I. Personal Author
- II. Corp. Author

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EFFECTS, PROGRAMS 1 - 9. OPERATION
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1. Cherokee Burst
2. Lacrosse Burst
3. Zuni Burst
4. Inca Burst
5. Redwing
6. Structures--
Effects of Blast
7. Blast Damage
1. Corp. Author

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- I. Redwing
- I. Personal Author
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7.1, OPERATION REDWING. August,
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1. Redwing
- I. Personal Author
- II. Corp. Author

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3. Atomic Explosions
Field
4. Neutron Detection
Instruments
- I. Personal Author
- II. Corp. Author

WT-1366 (Report: SECRET) Card: UNCLASSIFIED

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3. Eniwetok
Proving Ground
- I. Personal Author
- II. Corp. Author

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 2. Radiation Hazards
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- I. Personal Author
 - II. Corp. Author

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GROUND, MARCH - AUGUST 1956. FINAL
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1. Redwing—
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- I. Corporate Author

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Edgerton, Germeshausen & Grier, Inc.
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SECRET CD: UNCLASS.

1. Redwing—
Administration
and Organization
 2. Redwing—
Instrumentation
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Development
- I. Edgerton,
Germeshausen &
Grier, Inc.
 - II. EG&G-1430

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Joint Task Force Seven. Task Group 7.1
OPERATION REDWING, OPERATION PLAN NO.
1-56.

January 25, 1956
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1. Redwing--
Administration and
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- I. Joint Task Force
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SWC-7S46610 (Report: SECRET)

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Samuel.

1. Redwing--
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- II. Corp. Author

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EG&G-OUT-1892

SECRET
Cd: CONFIDENTIAL

Edgerton, Germeshausen & Grier,
Inc.
PROGRESS FOR THE MONTH OF
SEPTEMBER, 1955.
Sept. 30, 1955 32.

- I. Edgerton, Germeshausen
& Grier, Inc.
- II. EG&G-1397

1. Redwing--Photography
2. Redwing--
Instrumentation
3. High Speed Photo-
graphy--Instrumenta-
tion
4. Redwing--"Alpha"
Measurements
5. Breakaway
6. X-Units
7. Nevada One-Point
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Las Vegas, Nev.
ALPHA WORKSHEET SUMMARY. Bruce
Carder. September 12, 1956. 45p.

1. "Alpha"
Measurements
2. Redwing--"Alpha"
 - I. Personal Author
 - II. Corp. Author
 - III. LV-02480

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Edgerton, Germeshausen & Grier, Inc.,
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 - II. PPG-2400 B

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1. Redwing--Ball
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2. Ball of Fire
 - I. Personal Author
 - II. Corp. Author
 - III. EG&G-Control
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EG & G, Inc. Energy Measurements Group.
RADIOMETRIC REDUCTION DATA FROM TUMBLER-
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1. Tumbler-Snapper
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of Fire
2. Tumbler-Snapper
Burst 4--Ball
of Fire
3. Redwing--Ball
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4. Navajo Burst--
Analysis
5. Flathead Burst--
Analysis

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TM-132

LASL. Theoretical Megaton
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MINUTES OF THE SEVENTY-FIFTH
MEETING, MARCH 28, 1955.
Hoyt, Frank C March 30, 1955
6p.

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3. Two-Stage Gadgets
4. Atlas
5. Two Stage Primary
Bombs
I. Hoyt, Frank C
II. LASL. Theore-
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RM-1932 (Report: SECRET)

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ACTIVITY IN LOCAL FALLOUT. B.
L. Tucker. July 9, 1957. 16p.

1. Redwing--Fall-
Out
2. Zuni Burst
3. Tewa Burst--
Fall-Out
4. Navaho Burst--
Fall-Out
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Fall-Out
I. Personal Author
II. Corp. Author
III. AFSWP 1053

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JUN 16 1994

ITR-1345 (Report: CONFIDENTIAL)

Armed Forces Special Weapons Project.
Field Command
GAMMA RAYS FROM PLANE AND
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OPERATION REDWING - PRELIMINARY
REPORT, PROGRAM 2. Victor A. J.
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1. Redwing--Gamma
Radiation
2. Gamma Radiation--
Calculations
 - I. Personal Author
 - II. Corp. Author

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GAMMA RADIATION FROM FALLOUT
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1. Redwing--Gamma
Radiation
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Na²⁴
 - I. Personal Author
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Joint Task Force Seven, Wash., D.C.
HISTORY OF OPERATION REDWING:
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1. Redwing--History
 - I. Authors (2)
 - II. Corp. Author

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1956.

February 29, 1956 20p.

- II. EG&G-OUT-1975
- III. Contract AT(29-1)-1183

- 1. Redwing--
Instrumentation
- 2. Lacrosse Burst
--"Alpha"
- 3. Erie Burst
--"Alpha"
- 4. Blackfoot
Burst--"Alpha"
- 5. Osage Burst
--"Alpha"
- 6. Spark Gaps
- I. Edgerton, Germe-
hausen & Grier,
Inc., Boston

EG&G-LV-233

SECRET
CD: CONFIDENTIAL

Edgerton, Germeshausen & Grier,
Inc.
PRELIMINARY SURVEY DATA
OPERATION REDWING.
Nov. 25, 1955 14p.

- 1. Redwing--
Instrumentation
- I. Edgerton,
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Grier, Inc.
- II. EG&G-LV-1872
- III. LV-1872

EG&G-OUT-1868

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Edgerton, Germeshausen & Grier,
Inc.
PROGRESS FOR THE MONTH OF
AUGUST, 1955.
Aug. 31, 1955 35p.

- I. Edgerton, Germeshausen
& Grier, Inc.
- II. EG&G-1374

- 1. Redwing--
Instrumentation
- 2. Redwing--Photo-
graphy
- 3. Redwing
- 4. High Speed Photo-
graphy
- 5. Time Interval--
Measurement
- 6. Spark Gaps

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EG&G-OUT-1892

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Edgerton, Germeshausen & Grier,
Inc.

PROGRESS FOR THE MONTH OF
SEPTEMBER, 1955.

Sept. 30, 1955 32 .

- I. Edgerton, Germeshausen
& Grier, Inc.
- II. EG&G-1397

- 1. Redwing--Photography
- 2. Redwing--
Instrumentation
- 3. High Speed Photo-
graphy--Instrumenta-
tion
- 4. Redwing--"Alpha"
Measurements
- 5. Breakaway
- 6. X-Units
- 7. Nevada One-Point
Tests

EG&G-OUT-1905

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Edgerton, Germeshausen & Grier,
Inc.

PROGRESS FOR THE MONTH OF
OCTOBER, 1955.

Oct. 31, 1955 29p.

- 1. Redwing--Instru-
mentation
- 2. Redwing--Photo-
graphy
- 3. Smoke Rockets--
Testing
- 4. "Alpha" Measure-
ments--Instru-
mentation
(Cont'd on cd 2)

EG&G-OUT-1905

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- 5. Edgerton,
Germeshausen &
Grier, Inc.--
Report Lists
- I. Edgerton, Germes-
hausen & Grier, Inc
- II. EG&G-1408

SECRET

JUN 16 1996

EG&G-OUT-1936

SECRET CD: CONF.

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF NOVEMBER, 1955.
Nov. 30, 1955 20p.

1. Redwing—
Instrumentation
2. Scaling Laws
3. Spark Gaps
4. 56 Project NTS
- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-1422

EG&G-OUT-1946

SECRET CD: UNCLASS.

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF DECEMBER 1955.
Dec. 28, 1955 20p.

1. Redwing—
Administration
and Organization
2. Redwing—
Instrumentation
3. Spark Gaps—
Development
- I. Edgerton,
Germeshausen &
Grier, Inc.
- II. EG&G-1430

EG&G-OUT-1960

SECRET CD: UNCLASS.

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JANUARY,
1956.

January 31, 1956 21p.

1. Redwing—
Instrumentation
2. Spark Gaps—
Development
- I. Edgerton,
Germeshausen
& Grier, Inc.
- II. EG&G-1436

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Task Group 7.1.

INSTRUMENT CHART, OPERATION REDWING.

Feb. 27, 1967. 72p.

I. Corp. Auth.

1. Redwing

--Instrumentation

4-25-67

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WT-1303 (Report: SECRET)

Naval Ordnance Lab., White Oak, Md.
AIR BLAST AND SHOCK PHENOMENA
BY PHOTOGRAPHY. OPERATION
REDWING - PROJECT 1.3. L. J.
Belliveau and P. Hanlon. Sept. 22,
1959. 46p.

1. Redwing.

Project 1.3

2. Redwing--

Instrumentation

3. Blast Waves--

Measurement

I. Authors (2)

II. Corp. Author

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UCRL-5995 (Report: SECRET) card: UNCLASSIFIED

California. Univ., Livermore. Lawrence
Radiation Lab.

EXTERNAL NEUTRON MEASUREMENTS
MADE BY RADIOCHEMICAL METHODS
IN OPERATIONS REDWING AND HARD-
TACK ON FLUTE, WHISTLE, AND
CHERUB. Norman A. Bonner. June 27,
1960. 31p.

1. Flute--Neutron
Measurements

2. Whistle--Neutron
Measurements

3. Cherub--Neutron
Measurements

4. Redwing--Neutron
Measurements

5. Hardtack--Neutron
Measurements

6. Neutron Measure-
ments

I. Personal Author

II. Corp. Author

N9

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274

JUN 18 1991

EG&G-1640 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston
OPERATION REDWING: PROJECT NOS.
15.1 AND 23.2. TECHNICAL PHOTO-
GRAPHY OF EARLY CLOUD GROWTH
AND MOTION. July 22, 1957. 31p.

- I. Redwing--
Photographic
Analysis
2. Atomic Cloud
- I. Corp. Author
- II. EG&G Control
No. 00654

N5

EG&G-1677 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.
TECHNICAL PHOTOGRAPHY. OPER-
ATION REDWING, PROJECTS 9.1, 15.1,
23.1, 23.2, AND 23.5. March 14, 1958.
185p.

1. Redwing. Project
9.1
2. Redwing. Project
15.1
3. Redwing. Project
23.1
4. Redwing. Project
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5. Redwing. Project
23.5
6. Redwing--
Photographic
Analysis
- I. Corp. Author
- II. EG&G Control 0859
N9

EG&G-LV-211

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Edgerton, Germeshausen & Grier, Inc.
OPERATION REDWING, FIRST PRELIMINARY
PHOTO PLAN. PROJECTS 9.1 - 15.1 -
23.1 - 23.2 - 23.5.
Sept. 1, 1955 23p.

1. Redwing--
Photography
2. Redwing.
Project 9.1
3. Redwing.
Project 15.1
4. Redwing.
Project 23.1
5. Redwing.
Project 23.2

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6. Redwing. Project 23.5
- I. Edgerton, Germeshausen & Grier, Inc.
- II. Classified Control No. LV-1685
- III. EG&G-LV-1685

EG&G-LV-236

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Edgerton, Germeshausen & Grier, Inc.
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LIMINARY PHOTO PLAN, PROGRAMS
15-23-9.1.

December 14, 1955
26p.

1. Redwing--
Photography
- I. Edgerton,
Germeshausen &
Grier, Inc.
- II. EG&G-LV-1903
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EG&G-LV-247 (Rpt: CONFIDENTIAL)

Edgerton, Germeshausen & Grier, Inc.,
Las Vegas.
OPERATION REDWING, PRE-OPERATION PHOTO
PLANNING.

Fussell, Lewis Jr. March 23, 1956
89p.

1. Redwing--
Photography
- I. Fussell, Lewis
Jr.
- II. Edgerton, Ger-
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Grier, Inc.,
Las Vegas.
- III. LV-02161

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EG&G-LV-1817

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Edgerton, Germeshausen & Grier, Inc.

OPERATION REDWING THIRD PRE-LIMINARY PHOTO PLAN PROGRAMS
15-23-9.1.

Oct. 20, 1955 23p.

1. Redwing--Photography
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- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-LV-224
- III. LV-01817
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EG&G-OUT-1751

SECRET

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF
DECEMBER, 1954.

Dec. 31, 1954 36p.

1. Teapot
2. Redwing--Photography
3. Castle
4. Triggered Mark Gaps
5. Wigwam
- I. Edgerton, Germeshausen & Grier, Inc.

EG&G-OUT-1752

SECRET

Edgerton, Germeshausen & Grier, Inc.
PROGRESS REPORT FOR THE MONTH
OF JANUARY, 1955.

Jan. 31, 1955 39p.

1. Teapot--Photography
2. Redwing--Photography
3. Teapot--Alpha Measurements
- I. Edgerton, Germeshausen & Grier, Inc.
- II. Contract No. AT(29-1)-1183

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Edgerton, Germeshausen & Grier,
Inc.
PROGRESS FOR THE MONTH OF
AUGUST, 1955.
Aug. 31, 1955 35p.

I. Edgerton, Germeshausen
& Grier, Inc.
II. EG&G-1374

1. Redwing--
Instrumentation
2. Redwing--Photo-
graphy
3. Redwing
4. High Speed Photo-
graphy
5. Time Interval--
Measurement
6. Spark Gaps

EG&G-OUT-1892

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Edgerton, Germeshausen & Grier,
Inc.
PROGRESS FOR THE MONTH OF
SEPTEMBER, 1955.
Sept. 30, 1955 32.

I. Edgerton, Germeshausen
& Grier, Inc.
II. EG&G-1397

1. Redwing--Photography
2. Redwing--
Instrumentation
3. High Speed Photo-
graphy--Instrumenta-
tion
4. Redwing--"Alpha"
Measurements
5. Breakaway
6. X-Units
7. Nevada One-Point
Tests

EG&G-OUT-1905

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Edgerton, Germeshausen & Grier,
Inc.
PROGRESS FOR THE MONTH OF
OCTOBER, 1955.
Oct. 31, 1955 29p.

1. Redwing--Instru-
mentation
 2. Redwing--Photo-
graphy
 3. Smoke Rockets--
Testing
 4. "Alpha" Measure-
ments--Instru-
mentation
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- 5. Edgerton,
Germeshausen &
Grier, Inc.--
Report Lists
- I. Edgerton, Germes-
hausen & Grier, Inc
- II. EG&G-1408

EG&G-OUT-1988 (Report: SECRET) CD: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS REPORT FOR THE MONTH OF MARCH,
1956.

March 30, 1956 18p.

- 1. Redwing--
Preparation
- 2. Spark Gaps
- I. Edgerton,
Germeshausen &
Grier, Inc.,
Boston
- II. EG&G-1460

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HN-LA-52 (Report: SECRET) Card: UNCLASSIFIED

Holmes and Narver, Inc.
MONTHLY NARRATIVE REPORT.
May 15, 1956 79p.

1. Pacific Proving
Grounds—
Buildings and
Facilities
2. Redwing—
Preparation
- I. Holmes and
Narver, Inc.
- II. Contract AT-
(29-2)-20

J-11-307 (Report: SECRET) Card: CONFIDENTIAL RD

Los Alamos Scientific Laboratory
BOMB FRACTION TRACERS FOR REDWING.
Cowan, George A Feb. 29, 1956
2p.

Bound with FWC-M105

1. Tracer
Techniques
2. Fractionation
—Measurement
3. Redwing—
Preparation
- I. Cowan, George A
- II. Los Alamos
Scientific Lab.
- III. FWC-M105

Deleted

LA-142-56-10

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JUN 1 8 1956

Sandia Corporation
XR SYSTEMS FOR OPERATION REDWING.
Carr, B J March 28, 1956 59p.

1. External Initia-
tors
2. Redwing--
Preparation
3. S-Units
- I. Carr, B J
- II. Sandia Corp.
- III. Q-56766
- IV. Ref. Sym:
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LA-323-56-8

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Air Force Base, Calif.
FINAL REPORT ON THE RADIOCHEMICAL
CHARACTERISTICS OF THE REDWING
SERIES. Joseph E. Duval, edited by:
Elwood M. Douthett. January 23, 1958.
230p.

- I. Authors (2)
- II. Corp. Author
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SUMMER, 1956. VOLUME II. 1956.
56p. (Contract AF 33(038)-14115).

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3. Fall-Out--
Analysis
- I. Corp. Author
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JO-136

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NOTES OF 1ST POGO STAFF
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Sept. 12, 1955 3p.

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I. LASL. Pogo Staff

LA-208-55-3
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JO-137

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Sept. 15, 1955 3p.

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Stanford Research Inst., Menlo Park,
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SCIENTIFIC REPORT I. R.A. Nelson
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2. Redwing--Radiation
Effects
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 - II. Corp. Author

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Army Ballistic Missile Agency, Redstone Arsenal, Ala. Development Operations Div.
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1. High Altitude Bursts
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I. Corp. Author
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III. DA-TN-87
IV. DA-TN-70
V. DA-TN-8
VI. DA-TN-14
VII. C-255506
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I. L. T. Dolphin and R. B. Dyce.
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EG & G, Inc.
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HARDTACK. John C. Champeny. Dec. 1958.
164 p. (JHH-76-540) (ACV:GMS:217)

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September, 1957. 107p.

1. Hardtack
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Sandia Corporation

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AUGUST, 1958, PROGRAM 32. 327.

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Sandia Corp., Albuquerque, N. Mex.
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2. Teapot
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J.A. Kemper and Herbert Reno
May 5, 1959. 72p.

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2. Floral
3. Electromagnetic
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4. Yucca Burst
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- I. Authors (2)
- II. Corp. Author
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1. Hardtack
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- I. Authors (2)
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Lab., Edgewood Arsenal, Md.
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D. Richardson, Ernest W. Bloore and
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- I. Authors (4)
- II. Corp. Auth.
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Naval Radiological Defense Lab., San
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 - I. Authors (2)
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E. C. Y. Inn, W. J. Parker and R. L.
Rudkin. March 20, 1959. 19 sheets.

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Naval Research Lab., Wash., D. C.
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Albuquerque Operations Office, AEC
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Rand Corp., Santa Monica, Calif.
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NO. 2 (ARPA ORDER 11-59). C.M.
Crain, R. W. Hendrick, Jr., W.C.
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Buttrey, Dan H. Hollan, Charles H.
Humphrey, William L. Imhof, Francis
S. Johnson, Richard G. Johnson, Rolf K.
M. Landshoff, Conrad T. Longmire,
John L. Magee, Arthur J. Meyerott,
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- II. Corp. Authors (2)
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Special Weapons Development Board
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FROM THE PARRY COMPOUND.
Alfred T. Peaslee, Jr. August 27,
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2. Electromagnetic
Waves--
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1. Personal Author
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APRIL, 1958. NO. 46. May 8, 1958.
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1. Corp. Author

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Calif. Univ., Livermore. Radiation Lab.
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Calif. Univ., Livermore. Lawrence
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Francis C. Gilbert and Stanley C.
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United Research Services Incorporated,
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SURFACE WAVES. (PREPARED AS
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Kenneth Kaplan and N. R. Wallace.
March, 1962. 152p. & title page.

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- II. Corp. Authors (2)
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August, 1958. 131p.

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- I. Corp. Author

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Naval Radiological Defense Lab., San Francisco, Calif.
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1. Paints
2. Decontamination
3. Hardtack--
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