

- REDWING

410927

Rad Safe Operations Log Book

R

TG 7.1 - TU-7

Emmett Atoll

P.P.O.

13 April 1956 - 4 August 1956

RG 326 US ATOMIC ENERGY
COMMISSION F-23
Location LANL B-195
Collection Records Center
Folder REDWING LOG BOOK
PLOTTING + BRIEFING

COPIED/DOE
LANL RC

ORGANIZATIONAL CHART FOR TU-7

TU - 7 Headquarters

CTU-7	Major Jacks
CC - 1st RC U	Major Mosver
Operations Sgt	SFC Gaines
Administration Clerk	SF3 Briner
Supply Officer	Major Cannity
Supply Sgt	SFC Glasen
Supply Clerk	SF3 Harrod
D & R Officer	Capt Purcell
D & R NCO	SF1 Powell, A.

COPIED/DOE
LANL RC

EMERGENCY

✓ Officer in Charge

Major Fado

Control Point (Ferry Island)

✓ Rad Control Officer

LT Cole

USN

✓ Rad Control Officer

LTJG Probst

USN

✓ Rad Control Officer

1 Lt Peters - ins per

✓ Rad Control Officer

1 Lt Hudgett

✓ Rad Control Officer

1 Lt Ryan

USN

✓ Rad Control Officer

MILLISTES
2 Lt Skillern ins per

Control Point (Fred Island) with 4926th Test Sqn

Rad Control Officer

Capt Suggs

USAF

Rad Control Officer

1 Lt Morgan

USAF

Rad Control Officer

1 Lt Summe

USAF

Control Point (Ferry Island)

✓ Monitor

SF1 Lau

✓ Monitor

SF2 Filgore

✓ Monitor

SF3 Schneider, A.

✓ Monitor

SF3 ~~Schmidt~~ DYER

✓ Monitor

SF3 Corey

✓ Monitor

Pvt Williams

✓ Monitor

Pvt Hamilton

✓ Monitor

SSGT Olson

USAF

✓ Monitor

SSGT Frost

USAF

Monitor

✓20 Willey

USAF

Monitor

✓30 West

USAF

Monitor *Am...*

Chum

Civ

Monitor

Dunlavy

Civ

Monitor

Gilbert

Civ

Monitor	Hales	Civ
Monitor	Healey	Civ
Monitor	Johnson	Civ
Monitor	Kearns	Civ
Monitor	Knapp	Civ

Photo Dosimetry

D & R Officer	1 Lt Faoletti	
Asst. D & R Officer	2 Lt Boyles	
Photodosimetry Technician	SF2 Stout	
Photodosimetry Technician	SF3 Sandoval	
Photodosimetry Technician	SF3 Tobey	
Photodosimetry Technician	SFC Azukis	
Photodosimetry Technician	SFC Benjamen	
Photodosimetry Technician	SFC Diamond	
Photodosimetry Technician	Pvt Duce	
Photodosimetry Technician	Pvt Harris	
Photodosimetry Technician	Pvt Holt	
Photodosimetry Technician	Pvt Kane	
Photodosimetry Technician	Pvt Smith, Leo	
Photodosimetry Technician	Pvt Stetser	
Photodosimetry Technician	Pvt Tiffany	
Photodosimetry Technician	Pvt Vegrek	
Photodosimetry Technician		H & N
Photodosimetry Technician		H & N

Instrument Repair

Instrument Repair Technician	SP2 Bullard
Instrument Repair Technician	SF3 Timmers
Instrument Repair Technician	SF3 Weigel

ED/DOE
LANL RG

Counting Laboratory

Laboratory Officer

LT Lier

USN

Laboratory Technician

HM2 Dietz

USN

Laboratory Technician

HM3 Andahl

USN

Supply

Supply Clerk

PFC Powell, R.

Supply Clerk

PFC Condon

Supply Clerk

PFC House

Supply Clerk

Pvt Dyer

Decontamination

✓ Decontamination Specialist

SP1 Beegle

✓ Decontamination Specialist

Pvt Burnett

10 APRIL 1956

IN COMPLIANCE WITH ORDERS ISSUED BY
COMMANDER TASK GROUP 7.1, ALL PERSONNEL
ASSIGNED TO T. U. 7 (PARRY ISLAND AND HEADQUARTERS
UNITS) AS PER ATTACHED LIST, WITH EXCEPTION OF
CIVILIAN PERSONNEL, ^{HAVE} REPORTED ABOARD PARRY IS-
LAND, ENIWETOK ATOLL, MARSHALL ISLANDS.

COMMENCED PRE-OPERATIONAL AND TRAINING PHASES
CONTINUED PREPARATION OF FILM BADGES, DOSIMETERS
AND RECORDS, CALIBRATION OF RADAC INSTRUMENTS, RE-
CEIPT, INVENTORY AND STOWAGE OF RADSAFE CLOTH-
ING AND EQUIPMENT.

COMMENCED PREPARATIONS FOR TRANSPORTAT-
ION OF BIKINI ATOLL RADIOLOGICAL CONTROL
UNIT TO BIKINI ATOLL.

J. K. Cole
LT USA

1000000000
1000000000

11 APRIL 1956

0900 CONDUCTED CONFERENCE OF ALL OFFICERS
ASSIGNED TO TU 7. UPON COMPLETION OF CONFER-
ENCE MAJOR FADE PLACED LT. F. PETERS IN CHARGE
OF THE TRAINING SECTION WITH ORDERS TO WORK
UP A ONE-DAY AND A TWO-DAY MONITORS COURSE FOR
THE TRAINING OF PROJECT MONITORS.

F. Peters
LT USN

A

11 APRIL 1956

0900 CONDUCTED CONFERENCE OF ALL OFFICERS
ASSIGNED TO TU 7. UPON COMPLETION OF CONFERENCE
MAJOR FADE PLACED LT. F. PETERS IN CHARGE
OF THE TRAINING SECTION WITH ORDERS TO WORK
UP A ONE-DAY AND A TWO-DAY MONITORS COURSE FOR
THE TRAINING OF PROJECT MONITORS.

Faded signature
LT USN

COPIED/DOE
LANL RC

8

12 APRIL 1956

THE BIKINI ATOLL RADIOLOGICAL CONTROL UNIT,
LT REX S. GYGAX, USN IN CHARGE, DEPARTED AT 0700
FOR BIKINI ATOLL.

0800 THE DOSIMETRY AND RECORDS SECTION COM-
MENCED DISTRIBUTING PERMANENT FILM BARGES
TO ALL TASK GROUPS.

760
LT GYGAX

7

COPIED/DOE
LAVL RG/

9

13 APRIL 1956

0830 CONDUCTED DUMMY RUN OF MONITOR'S
COURSE. SAMPLE LECTURES OF ONE-HOUR DURAT-
ION WERE DELIVERED BY LTJG BROBST, 1ST LT
PETERS, 1ST LT MUGGETT AND 2ND LT MILIOTES.
1930 THE FOLLOWING LISTED CIVILIANS REPORTED
ON BOARD FOR DUTY WITH T.U. 7

CHUM, CLIFFORD, T. F.
GILBERT, HARRY
HESLEY, G. W. (B)
KEARNS, B. W., JR.
ROYALL, J. D. (B)
SMITH, W. S. (B)
TAYLOR, R. S. (B)
LEVISON, S. (B)
(B) BIKINI UNIT

DUNLAVY, R. E.
HALES, H. E.
JOHNSON, W. J.
KNAPP, J.
SPINNEY, P. R. (B)
SUPRENTANT, G. A. (B)
WILLIAMS, F. A. (B)

John
LT USN

14 APRIL 1956

CONTINUED PRE-OPERATIONAL AND TRAINING
PREPARATIONS

Hold
LT USN

7

COPIED
L.M. RC

11

15 APRIL 1956

OBSERVED HOLIDAY ROUTINE

Good
LT USN

16 APRIL 1956

CONTINUED PRE-OPERATIONAL PHASE PREPARATION.
0800 COMMENCED ONE-DAY AND TWO-DAY MONITOR
COURSE FOR PROJECT MONITORS.
1150 MAJORS WEAVER AND JACKS DEPARTED
FOR BIKINI ATOLL

Bob
LT BN

7

COPIED/DOE
LANL RC

17 APRIL 1956

CONTINUED PRE-OPERATIONAL PHASE PREPARATIONS
AND TRAINING. CONTINUED ONE-DAY AND TWO-
DAY MONITORS COURSE I

1730 MAJORS JACKS AND WEAVER RETURNED FROM
BIKINI ATOLL

1700 COMPLETED TWO DAY MONITORS COURSE

9600h
LT 5571

COFFEEHOUSE
EANL RB

74

ONE-HALF DAY MONITORING COURSE, 16 APRIL 1956

BANCROFT, Dennison

GALBOTH, J. P., H&N

MILLS, G. W., TU-3

BISCHOFF, I. P., TU-3

DONOVAN, J. P.

BURK, E. E.

HOOVER, C. H. ✓

HADDMARK, A. T., H&N

OWENS, J. C., H&N

IATOCO, K., H&N

TOMPKINS, Robert C., 2.65

HUTCHINSON, J. G., 2.65

RANKIN, Aaron M., 16

CORNER, Jerry P.,

FELTHAUSER, Harry

SAUNDERS, B. Roy Jr.

PIZZHUCH, R. S., 15.2

SIGOLOFF, S. C. ✓

RICHEY, E. O. ✓

PICKERING, J. E. ✓

GOODWIN, Lester K., 13.2

NEHER, Leland K., 13.2

MCCARTNEY, Edward J., 13.2

SINGER, Sidney, 13.2

FULOS, John, 13.2

BREDESTEEN, Joseph J., 8.5 & 5.8

SCHMOKE, Murray A., 2.4

SMITH, Robert J., 2.4

ONE-HALF DAY MONITORS COURSE, 17 APRIL 1956

BARKER, L. V., 8.1	BERMAN, Arnold, 2.65
BROWN, P. E., 2.10b ✓	SHAW, Everett E., 15
CHEBROWBRIER, E., 2.10b	TSIVITSE, Peter J., 2.51
BACKMAN, G. E., 2.10b	JOHNSON, John J., 2.65
LULL, R. A., 2.10b	HARWIT, Martin, 2.51
CONZALES, V. A., H & N	WOOD, Henry A., 2.51
PARTHODIS, Ralph E., 16.3	LOUIS, Henry, 2.71
LAWRENCE, David H., 16.1	RINNERT, Heinz R., 2.71
ORR, Clarence W., 16.3	PETERSON, Gerald A., 2.51
CONNELL, Joseph W., 16.1	HOLMLUND, Gordon W., 2.71
MEADORS, Ben, 16.1	FRENCH, Orrin A., 2.71
JANCO, Maurice, 16.1	BOATNER, Robert E., 2.71
NOHARA, Gizo, H & N	EASON, John R., 2.71
BRANAT, R. D., H & N	WONG, Kai H., 2.71
WESFALL, F. O., 18	WILMOH, Arthur L., 2.71
KREY, Philip W., 2.65 ✓	
MCMILLY, John H., 2.65	

ONE-HALF DAY MONITORS COURSE, 18 APRIL 1956

BIGGERS, W., 12

EATON, T., 12

KINCERY, C., 1.1

KESPER, J. H., 1.1

BORELLA, H. M., 4.1

STEELE, J. H., 18

MEEKS, J. E., 18

COAD, R. E., 3.1

LAPIC, J. R., 2.65

✓ BISHOP, T. H., 4.1

✓ CRER, R. R., H & N

✓ SAKANE, H., H & N

✓ RYAN, D., H & N

✓ CRANE, W., H & N

✓ LEDFORD, L. L., H & N

✓ DAVIS, T., H & N

EMERY, A. L., TU-1

✓ BABB, T. E., H & N

COPIED/DOE
LANL RG

TWO DAY MONITORS COURSE, 16 & 17 APRIL 1956

BROWNELL, M. H., 8.1

LAUCHRIDGE, F., 8.1

LANGENRACHEN, C. F., 8.1 *2.65*

YONENAKA, H., ^{H.}2.65, *put*

ABBOTT, R., 2.51

ROPS, R., 2.51

JENKINS, E. L., TU-6

BURTON, R. J., TU-6

GARCIA, W. E., TU-6

NORTHRUP, C. J., 30.1 & 30.2

MORRISON, J. H., 30.1 & 30.2

MESNARD, J. M., 30.1 & 30.2

HALES, H., TU-7

WARD, J. B., TU-6

LANEY, T. F., 2.52

BARBER, G. B., 15

KEARTS, B. W., TU-7

GILBERT, Harry, TU-7

JOHNSON, J. W., TU-7

DUNLAVY, R., TU-7

CHUM, C. T. F., TU-7

KNAPP, John, TU-7

SPENCER, S. C., 2.10

FLETCHER, I. D., 2.10b

SENT, H. C., 2.10b

MARTIN, James L., TU-3

BRACE, Charles L., 2.51

STOUT, Charles A., 2.51

COPIED

File per page

SCHEDULES FOR ONE-DAY AND TWO-DAY MONITOR'S COURSE

A. One-day course to be given 16, 17, and 18 April, 1956 from 0800 - 1200, and 1300 - 1400

- 0800 - 0900 Radioactivity and General Theory -- LTJG Brebst
 - a. Types of radioactivity
 - b. Units of Measure
 - c. Shielding and Decay
 - d. Medical aspects
 - e. Types of blasts to be expected
- 0900 - 1000 Rad Safe Procedures at PPG -- 2/Lt Milietes
 - a. Processing thru Rad Safe Building (Clothing, Instruments, etc.)
 - b. Check Points and Area access clearance
 - c. Monitoring
 - d. Time of stay
 - e. Decontamination and allowable contamination tolerances
 - f. Shipping of contaminated materials
- 1000 - 1100 Dosimetry and Records Procedures -- 1/Lt Mudgett
 - a. Film Badges
 - b. Dosimeters
 - c. Records
- 1100 - 1200 Instruments -- 1/Lt Peters
 - a. IC - AN/PDR 39
 - b. GM - AN/PDR 27 or MX - 5
 - c. Special purpose instruments
- 1300 - 1400 Instrument Use -- 1/Lt. Peters
 - a. Calculation of expected intensity
 - b. Stake line survey
 - c. Determination of percent error
 - d. Personnel Monitoring

B. Two-day course to be given 16 and 17 April, 1956 from 0800 - 1200, and 1300 - 1700

- 0800 - 0900 Orientation -- Maj Weaver (SigC)
 - a. Necessity for Rad Safe
 - b. Concepts of Rad Safe
 - c. Organization for Rad Safe
- 0900 - 1000 Structure of Matter and Radioactivity -- LTJG Brebst
 - a. Structure of the atom
 - b. Proton, neutron, electron and basic particles
 - c. Formation of atoms, isotopes, etc.
 - d. Natural radiation
 - e. Induced radioactivity
- 1000 - 1100 Radiation Units, Shielding and Decay -- LTJG Brebst
 - a. Units
 - b. Shielding
 - c. Decay
 - d. Protection
- 1100 - 1200 Medical Aspects of Nuclear Radiation -- 2/Lt Milietes
- 1300 - 1500 Photodosimetry and Pocket Dosimeters -- 1/Lt Mudgett

COPIED/DOE
LANL RC

- 1500 - 1700 Instrument Theory and Special Instruments — 1/Lt Peters
- Second day
- 0800 - 0900 Desage and Time of Stay — 1/Lt Mudgett
- 0900 - 1100 Instrument Familiarization — 1/Lt Peters
 - a. Calculation of expected intensity
 - b. Shop calibration
 - c. Determining instrument error
- 1100 - 1200 Rad Safe Procedures at PPG — 2/Lt Milietes
(Same lecture as in one day course)
- 1300 - 1700 Practical Exercise in Rad Safe Procedures — LTJG Bröbst & 2/Lt Milietes

Lecturer Assignments

Maj Weaver (SigC) (1 hour)

16 April

0800 - 0900 Orientation two day course

LTJG Bröbst (7 hours)

16 April

0800 - 0900 Radioactivity and General Theory one day course
 0900 - 1000 Structure of Matter and Radioactivity two day course
 1000 - 1100 Radiation Units, Shielding and Decay two day course

17 April

0800 - 0900 Radioactivity and General Theory one day course
 1300 - 1500 Practical Exercise in Rad Safe Procedures—two day course

18 April

0800 - 0900 Radioactivity and General Theory one day course

1/Lt Peters (10 hours)

16 April

1100 - 1200 Instruments one day course
 1300 - 1400 Instrument use one day course
 1500 - 1700 Instrument Theory and Special instruments—two day course

COPIED/DOE
1962

17 April

0900 - 1100 Instrument Familiarization two day course
 1100 - 1200 Instruments one day course
 1300 - 1400 Instrument use one day course

2i

1/Lt Peters (continued)

18 April

1100 - 1200	Instruments	one day course
1300 - 1400	Instrument use	one day course

1/Lt Mudgett (6 hours)

16 April

1000 - 1100	Desimetry and Records Procedures	one day course
1300 - 1500	Photodosimetry and pocket dosimeters	two day course

17 April

0800 - 0900	Dosage and Time of stay	two day course
1000 - 1100	Desimetry and Records Procedures	one day course

18 April

1000 - 1100	Desimetry and Records Procedures	one day course
-------------	----------------------------------	----------------

2/Lt Milietes (7 hours)

16 April

0900 - 1000	Rad Safe Procedures at PPG	one day course
1100 - 1200	Medical Aspects of Nuclear Radiation	two day course

17 April

0900 - 1000	Rad Safe Procedures at PPG	one day course
1100 - 1200	Rad Safe Procedures at PPG	two day course
1300 - 1500	Practical Exercise in Rad Safe Procedures	two day course

18 April

0900 - 1000	Rad Safe Procedures at PPG	one day course
-------------	----------------------------	----------------

FREDUS W PETERS III
1/Lt Cmlc

18 APRIL 1956

CONTINUED PRE-OPERATIONAL PHASE PREPARATIONS
AND TRAINING

1400 COMPLETED. TRAINING PHASE HAVING CONDUCTED
THREE ONE-DAY AND ONE TWO-DAY MONITORS
COURSES. PERSONNEL HAVING COMPLETED THIS
COURSE ARE CONSIDERED AS QUALIFIED TO ACT
AS PROGRAM MONITORS WITH THE PROVISION THAT
THE PROCEDURES OUTLINED IN THE MONITORS
CHECK-LIST BE RIGIDLY ADHERED TO. ATTACHED
ARE LIST OF THE PERSONNEL ATTENDING THESE
CLASSES AND COPIES OF THE CURRICULUM.

1600 MAJOR Guy G. Cannity DEPARTED FOR Z.I. TO REPORT
FOR OVERSEAS ASSIGNMENT. MAJOR C.L. WEAVER
ASSUMED DUTIES AS SUPPLY OFFICER

Holt
LT USN

19 APRIL 1956.

CONTINUED PRE-OPERATIONAL PHASE PREPARATIONS

1445 COMMENCED FAMILIARIZATION TOURS, BY AIR,
OF ENIWETOK ATOLL. FIRST FLIGHT: MAJOR FADK

MAJOR WEAVER, LT COLE, LTJG BROBST.

1525

FIRST FLIGHT RETURNED

1530

SECOND FLIGHT: 1/LT RYAN, PETERS, MUGGETT
2/LT MILIOTES. SECOND FLIGHT RETURNED TO
PARRY IS AIR STRIP AT 1615.

COLE
LT USN

COPIED/DOE
LANL RG

2
2

19 APRIL 1956

CONTINUED PRE-OPERATIONAL PHASE PREPARATIONS
1445 COMMENCED FAMILIARIZATION TOURS, BY AIR,
OF ENIWETOK ATOLL. FIRST FLIGHT: MAJOR FARR

MAJOR WEAVER, LT COLE, LTJG BROBST.
1525 FIRST FLIGHT RETURNED

1530 SECOND FLIGHT: 1/LT RYAN, PETERS, MUDGETT
2/LT MILIOTES. SECOND FLIGHT RETURNED TO
PARRY IS AIR STRIP AT 1615.

FARR
LT COLE

3

101-170E

2.7

20 APRIL 1956

CONTINUED PRE-OPERATIONAL PHASE PLANNING
AND PREPARATIONS.

Phase I
27 Oct

OPERATIONS
BY AIR,
MAJOR FADE
T.
BUDGET
TURNED TO

21 APRIL 1956

CONTINUED PREOPERATIONAL PHASE PREPARATIONS

Yell p
LT 20

7

CONFIDENTIAL

26

20 APRIL 1956

CONTINUED PRE-OPERATIONAL PHASE PLANNING
AND PREPARATIONS.

FLC 6 J
27 BSN

CTIONS
Y AIR,
R FADE

GETT
IED TO

COPIED/DOE
LANL RC

27

21 APRIL 1956

CONTINUED PRE OPERATIONAL PHASE PREPARATIONS

Yield
LT 211

9

LAWL 30

22 APRIL 1956

OBSERVED HOLIDAY ROUTINE

J. C. [unclear]
LT USN

23 APRIL 1951

CONTINUED PRE-OPERATIONAL PHASE REPARATION
1055 MAJOR G. JACKS, USA, COMMANDER
UNIT 7 DEPARTED FOR BIKINI ATOLL

9 Bolt J
LT USN

COPIED/DOE
LANL RQ

24 APRIL 1956

714
K
CONTINUED PRE-OPERATIONAL PHASE PREPARATIONS
1800 MAJOR G. JACKS, USA, C.T. V. 7, RETURNED
FROM BIKINI ATOLL

Flub J
27 USN

9

COPIED/DQE
LAW 70/

31

25 APRIL 1956

CONTINUED PRE-OPERATIONAL PHASE PREPARATIONS
HAVE BEEN INFORMED BY CAPT RUMNEY, AIR OPER-
ATIONS OFFICER THAT THE ONLY AIRCRAFT AVAIL-
ABLE FOR SURVEYS ARE MARINE HELICOPTERS.
INSTALLED SHACKS AT CHECK POINTS.

Hole J
LT. USN

9

COPIES

20

26 APRIL 1956

CONTINUED PREOPERATIONAL PHASE PREPARATIONS
SUBMITTED LETTER TO CTG 7.1 REQUESTING
INCENTIVE PAY FOR THOSE INDIVIDUALS EXPECTED
TO BE PARTICIPATING IN AERIAL SURVEYS. RE-
CEIVED FOUR MOTOROLA MODEL 443GGB-1 RADIOS.
AT 1700 MUSTERED ALL PERSONNEL ASSIGNED
THIS UNIT. ABSENTEES: PEDERSON, RAYMOND (CIV.)

9606 J
LT USN

9

COPIED/DOE
LANL RC

27 APRIL 1956

CONTINUED PRE-OPERATIONAL PHASE PREPARATIONS.
RECEIVED TWO BARREL RADIOS. MAJORS WEAVER
AND FADE MADE TRIP TO ENWETON TO DETERMINE
FEASIBILITY OF ADAPTING L-20 AIRCRAFT FOR
AERIAL SURVEYS. WERE ASSURED BY LT COL TIGNER
IT WAS FEASIBLE. HOWEVER COL. SIMMONS STATED
THAT HELICOPTERS WOULD BE AVAILABLE FOR THESE
SURVEYS.

F.C.A.
LT USN

DOE
RC

D-1 4.28.56

28 APRIL 1956

CONTINUED PREOPERATIONAL PHASE PREPARATION

THIS IS D-1 DAY.

1300: D-DAY HAS BEEN SET BACK. MUSTER OF PERSONNEL HAS BEEN CANCELLED.

[Signature]
LT USN

OPERATIONS.
LEAVE
TERMINING
FOR
WASNER
STATED
FOR THESE

29 APRIL 1956

OBSERVED HOLIDAY ROUTINE.

COPIED/DOE
LANL RC

30 APRIL 1956

CONTINUED ROUTINE WORK. THIS IS D-2 DAY.

Code 1
LT USA

COPIED/DOE
LASH 50

27

1 MAY 1956

CONTINUED ROUTINE WORK. THIS IS D-1 DAY.
1400 MUSTERED ALL MEN ASSIGNED THIS UNIT. ABSENTS
NONE

F. G. H.
LT USN

COPIED/DOE

20

29 APRIL 1956

OBSERVER HOLIDAY ROUTINE.

29

2 MAY 1956

PAY.

CONTINUED ROUTINE WORK. SHOT TIME WAS
DELAYED AND TODAY IS D-2.

PRESENTS

John J
LT USN

30 APRIL 1956

CONTINUED ROUTINE WORK. THIS IS D-2 DAY.

John G.
LT USN

COPIED/DOE
LANL RC

41

1 MAY 1956.

CONTINUED ROUTINE WORK. THIS IS D-1 DAY.

1400 MUSTERED ALL MEN ASSIGNED THIS UNIT. ABSENTS:

NONE

9606 J
LT USN

1515700E
1511 RC

2 MAY 1956

CONTINUED ROUTINE WORK. SHOT TIME WAS
DELAYED AND TODAY IS D-2

1 DAY.
ABSENTEE

John J
LT USN

ENCLOSURE

4

3 MAY 1956

CONTINUED ROUTINE WORK. TODAY IS D-1 DAY
MUSTERED PERSONNEL. NO ABSENCES.

John J.
LT USN

4 MAY 1956

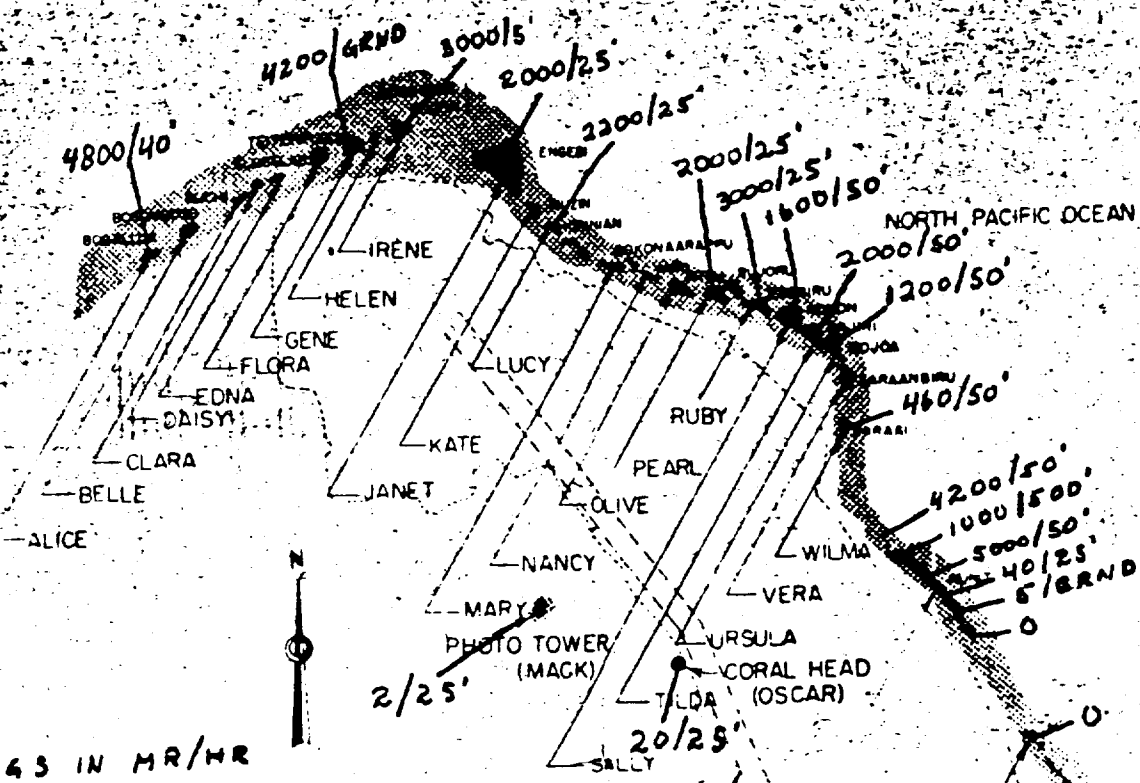
CONTINUED ROUTINE WORK

0105 SHOT DELAYED BECAUSE OF WEATHER

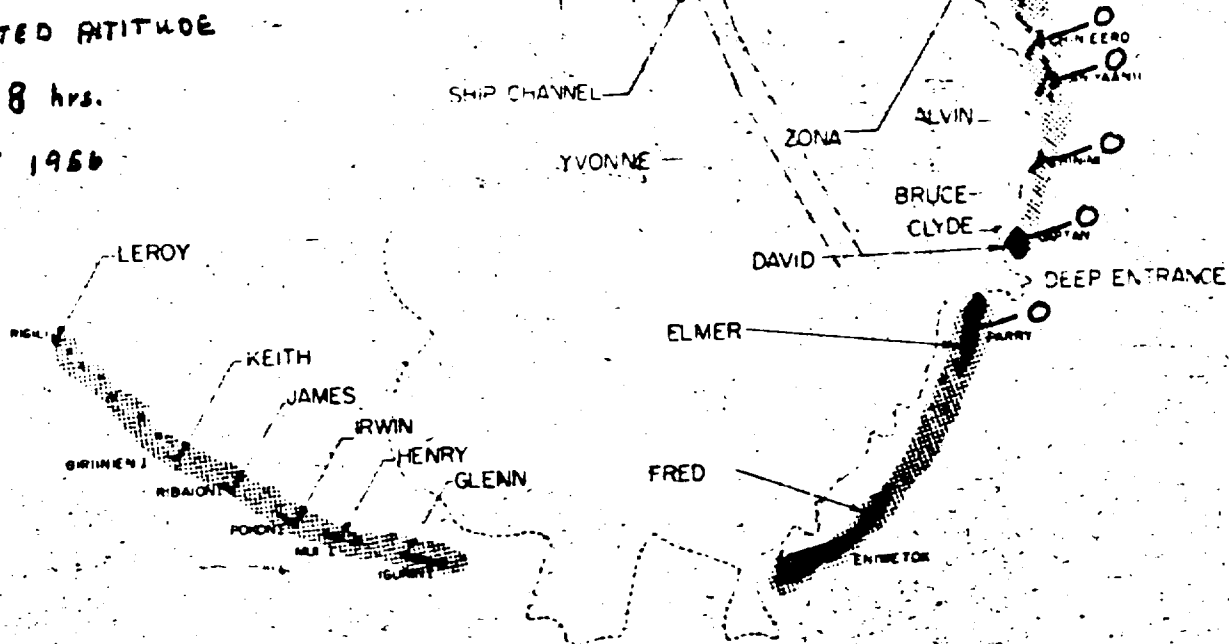
0845 THIS IS D-1 DAY

John
LT BN

OFFICIAL USE ONLY



READINGS IN MR/HR
 AT INDICATED ALTITUDE
 H + 8 hrs.
 5 MAY 1966



OFFICIAL USE ONLY

COPIED/DOE
LANE RC

CONFIRMED TO BE UNCLASSIFIED
 BY AUTHORITY OF DOE/OC
 REVIEWED BY *J. Diaz* 10/27/83 DATE 46

5 MAY 1956

THIS IS D-DAY.

0625 A BLINDING FLASH WAS OBSERVED

AT THE NORTHERN END OF THE LAGOON

0705 PRE-ENTRY SURVEY TOOK OFF, ^{GRIFT, MAJOR} WEHLEN & FA.

0750 PRE-ENTRY SURVEY TEAM LANDED AT AIRTE

J-3 ANNOUNCED NO ENTRIES ALLOWED NORTH OF

STATION 1310

1300 RESURVEY (GENERAL) PARTY DEPARTED ^{MAJOR WEHLEN} ^{GRIFT, MAJOR} ^{AND LT COLE}

1130 RESURVEY PARTY RETURNED

1715 ATTACHED IS VERIFAX COPY OF RADIOLOGICAL SURFACE

SITUATION MAP AS OF 1715

JCO
LI USM

COPIED
LAWL RC

6 MAY 1956

THIS IS D+1 DAY

0730 AERIAL SURVEY PARTY LEFT AT 0724 TO SUR-
VEY ALL ISLANDS IN ATOLL. FADE, COLE, BRUBIN,
0900 AERIAL SURVEY TEAM RETURNED + RYAN

Flood 1
LT UBIN

RYAN
FADE
BRUBIN

WEAVER
MICEY

RSE

APR 1956

7 May 1956

This is D+2 DAY

0744 AERIAL SURVEY DEPARTED. ELMER ^{WE} ₀₁₄

0916 AERIAL SURVEY RETURNED ELMER

F. G. Holt
LT USN

21

DE

8 May 1956

THIS IS P+3 DAY

0701 AERIAL SURVEY DEPARTED ELMER JACKS, RM-1
ROBERT

0840 AERIAL SURVEY RETURNED ELMER

John J.
LT USN

COPIED/DOE
LANL RC

9 MAY 1956

CONDUCTED ROUTINE WORK

Hole 1
LT SW

51

COPIED/DOE
LANL RC

51

10 MAY 1956

CONDUCTED ROUTINE WORK

1315 MAJOR W.W. FADE WITH/LT F.N. PETERS AND

SP3 W.H. TRACHSEL DEPARTED BY HELICOPTER

FOR RADSAFE SURVEY OF ENIWETOK ATOLL.

1430 RADSAFE SURVEY HELICOPTER DAMAGED, ON

GENE, WHEN ROTOR BLADE TIPS STRUCK TELEGRAPH

POLE. NO PERSONNEL INJURED. ATTACHED IS

STATEMENT OF MAJOR FADE

Fade

COPIED
DATE

STATEMENT ON TAXI ACCIDENT ON GENE AIRSTRIP, ENIWETOK ATOLL, M.I.

At approximately 1400 hours while making a Rad-Safe survey of the Eniwetok Atoll, I directed Lt. Sancton to set his aircraft down on the Gene airstrip. I desired to make a ground reading and to monitor one of the vehicles adjacent to the strip whereby I could determine the feasibility of an evacuation schedule to Elmer for these vehicles. After Lt. Sancton landed on the strip, I informed him I wished to check the vehicle adjacent to the dispatchers tent. Lt. Sancton then taxied his craft onto the pad in front of the dispatchers tent. In doing so he struck the creosoted pole in front of the tent with the tip of his rotor blades. Following this he radioed for another craft, secured his own aircraft, and collected the pieces of rotor blade knocked off in striking the pole. Upon arrival of the second craft, we were all evacuated to Elmer. Members of my unit accompanying me were 1st Lt. F. N. Peters and SP 3 W. H. Trachsel whose statements are attached.

WALTER W. FADE
Major CE

11 MAY 1956

CONTINUED ROUTINE WORK

Hohl J

2

COPIED/DOE
LANL RC

54

12 MAY 1956

CONTINUED ROUTINE WORK.
OBSERVED HOLIDAY ROUTINE FOR HALF THE
SECTION.

Gold

COPIED/DOE
LANL RG

55

13 MAY 1956

CONTINUED ROUTINE WORK.

OBSERVED HOLIDAY ROUTINE FOR HALF THE
SECTION

J. B. G. J.

51

56

14 MAY 1956

CONTINUED ROUTINE WORK

Flore J

COPIED/DOE
LANL RC

15 MAY 1956

CONTINUED ROUTINE WORK
CONDUCTED ONE/HALF DAY MONITORS COURSE
ATTENDANCE AS PER ATTACHED LIST

J. G. G.

ONE-HALF DAY MONITORS COURSE

MAY 15 1956
51

SCHNEIDERMAN, R. C.	TU-5, EC&O
HOLMQUIST, W.	TU-5, EC&O
DEANE, W. A.	TU-5, EC&O
BARNES, J. J.	TU-5, EC&O
SULLIVAN, R. H.	TU-5, EC&O
HART, W. H.	TU-5, EC&O
POLEVOT, S. V.	TU-5, EC&O
HATCH, C. S.	TU-5, EC&O

COPIED/DOE
LANL RC

16 May 1956
Continued routine work

H. J.

57

COPIED/DOE
LANL RC

59

59

RSE

continued outside work

H. J.

31

1917

60

18 May 1956
Continued routine work

Holf

37

COPIED/DOE
LANL-RC

61

61

May 1956

Continued routine work.

Observed holiday routine for one-half
section.

Holly

27

62

COPIED/DOE
LANL RC

62

20 May 1956

Continued routine work

Observed holiday routine for one-half of section

Hole Jr.

2

63

COPIED/DOE
LANL RC

63

21 May 1956

Continued routine work.

Today is C-Day

0551 A bright flash was observed in
the eastern sky.

Hoyle

COPIED/DO
LANL RL

64

22 May 1956

Continued routine work

Today is 27-17, E-2

C+1

Anticipated Officer losses by return of Z1,
Departure date Enroute by air 23 May:

Major Walter Fade, C.E.

Capt. John S. G. USAF

1st Lt. John S. Mudgett
C.M.C.

COPIED/DOE
LANL RC

65

23 May 1956

Continued routine work

H. J. Mudgett
1st Lt, Cml. C.

Additions:

Major W. Facke }
Capt Sugg }

dropped from Morning Report
as returned to Duty Station

H. J. Mudgett
1st Lt, Cml. C.

COPIED/DOE
ASL RC

66

24 May 1956

Continued Routine work

1800
~~2000~~
hrs.

Declared the following islands non-readers
but requiring mission film badges

Ruby, Sally, Tilda, Ursula, Vera

J.H. Mudgett

1st Lt. Cml.C.

ing Report
Station

COPIED/DOE
LANL RC

25 May 1956

Continued routine work

1/1LT R. REIDINGER USA and 1/1LT J. S. MUGGETT
USA DEPARTED FOR ZI.

Hoyle J.
LT USN

COPIED/DOE
1956

68

26 MAY 1956

CONTINUED ROUTINE WORK

TODAY IS Y-2 AND Z-2

OBSERVED HOLIDAY ROUTINE FOR 1/2 OF SECT.

John J

COPIED/DOE
LANL-RC

109

27 May 1956

OBSERVED HOLIDAY ROUTINE FOR
1/2 OF SECTION

TODAY IS Y-1 AND Z-1

MAJ JACKS DEPARTED FOR Bimini

F. J. [unclear]

CORNER/DOE
CANT RC

71

28 May 1956

TODAY IS Y AND Z DAY

0556 A BLINDING FLASH WAS OBSERVED
IN THE SKY TO THE NORTH EAST.

0756 A BLINDING FLASH WAS OBSERVED
AT THE NORTHERN END OF ENIWETOK ATOLL

0839 THE PRE-ENTRY AERIAL SURVEY DEPARTED
ELMER AIR STRIP. MAJOR WEAVER, LTJG BROBST
AND 2/LT MILIOTES.

1008 PRE-ENTRY SURVEY PARTY RETURNED TO
ELMER AIRSTRIP.

F. G. J.

122494

Page 72

Missing from
original

72

30 MAY 1956.

CONTINUED ROUTINE WORK.

THIS IS E-1

J. Gold

COPIED/DOE
LANL RC

73

31 MAY 1956

THIS IS E-DAY

0615 A BLINDING FLASH WAS OBSERVED IN THE
NORTHERN END OF THE LAGOON.

0730 PRE-ENTRY AERIAL SURVEY PARTY DEPART-
ED ELMER AIR STRIP BY HELICOPTER. MAJOR
WEAVER, GAELAN FELT, LTJG BROBST AND
2/LT MILIOTES

0840 PRE-ENTRY AERIAL SURVEY RETURNED.

0930 SENT OUT AERIAL SURVEY PARTY TO SURVEY
UPPER ISLANDS OF ENIWETOK ATOLL (GENE, JANET
TILDAN) 1/LT SUMME, 2/LT MILIOTES AND JOHN
KNAPP (CIVL).

1229 PARTY DEPARTED TO CONDUCT AERIAL SURVEY
OF YVONNE. MAJOR WEAVER, LTJG BROBST,
1/LT'S MORGAN AND RYAN.

1300 AERIAL SURVEY PARTY RETURNED

Holt
LT USAF

1 JUNE 1956

THIS IS E+1 DAY

0700 AERIAL SURVEY DEPARTED. LT COLE
AND LTJG BROBST

0745 AERIAL SURVEY PARTY RETURNED

0835 MONITOR PARTY DEPARTED TO CONDUCT
GROUND SURVEY OF NORTHERN AND SOUTHERN
ENDS OF YVONNE

1215 GROUND SURVEY PARTY RETURNED

2601
LT JEN

APPENDIX

0730 AERIAL SURVEY PARTY DEPARTED. MAJOR

JACKS, 1/2 LT RYAN, 1/2 LT MORGAN 2601

COPIED/DOE
LANL RC

75

2 JUNE 1956

CONDUCTED ROUTINE OPERATIONS

John

APPENDIX

0730 AERIAL SURVEY PARTY DEPARTED. MAJOR JACKS
1/LT RYAN, 1/LT MORGAN

0830 AERIAL SURVEY PARTY RETURNED

John
27 USN

COPIED/DOE
LAN 1956

76

3 JUNE 1956-

CONDUCTED ROUTINE OPERATIONS

J. G. J.

APPENDIX

0740 AERIAL SURVEY PARTY DEPARTED.

MAJOR JACKS, LT COLE, 2/LT MILIOTES.

0850 AERIAL SURVEY PARTY RETURNED

27

RECEIVED
OFFICE

77

4 JUNE 1956

CONDUCTED ROUTINE OPERATIONS

Hol J
LT 4314

COPIED/DOE
LANL RC

78

ALPHA INCIDENT

FOR PER LOG.

On 28 May at 1620 Lt. Miliotes was informed that someone was interested in finding out Rad Safe tolerances for alpha radiation. He was instructed to call Col. Pinson at a Fred number.

Lt. Miliotes talked to the colonel for several minutes and gave him the following information:

- 1) Contaminated surface - 500 cpm or more.
- 2) Air contamination $8d/m/m^3$ air.
- 3) Wear respirator if in doubt.
- 4) He did not know the figures for total body burden.
- 5) He would help if they wanted him to monitor the equipment that was contaminated.

Col. Pinson remarked that he was going to monitor the aircraft himself and that no help was needed. He wanted to know how large an area should be swiped for a swipe sample. Lt. Miliotes could not satisfy him on this point or on the point as to what constituted a total body burden for alpha. The colonel said he would try other sources for the unanswered questions.

It should be emphasized at this time that this is the only time that TU-7 was officially called in on this question. Everything that follows in this report was TU-7's attempt to get the facts straight and to help if possible.

On 29 May, Mr. Cy Schlaer of LASL came in and said that he had heard that TG 7.4 was having a big problem with alpha contaminated aircraft and that they may need help. Lt. Ryan called Capt. Nichols at TG 7.4 and he was told that they got readings of 500 cpm and 1500 cpm off swipes on the aircraft. Capt Nichols said he was satisfied with these readings and was not worried.

A little later that morning Lt. Jameson, TG 7.4 Rad Safe, called and said that they were considering taking urine samples from the people exposed to these aircraft. He wanted to know if TU-7 could process them. He was told that TU-7 did not have the facilities for this but that the samples could be sent to LASL and processed there. This was finally dropped when Capt. Nichols decided that no urine samples will be taken.

At about 1300 on 29 May, Mr. William Kennedy of H Division, LASL, came to TU-7 and said that he had heard various rumors about alpha contaminated aircraft. At this time he offered his help as an advisor if needed. He called Col. Pinson but was unable to reach him. He finally talked to Lt. Jameson. After the phone conversation Mr. Kennedy said that he was satisfied that there was very little to worry about.

COPIES/DOE
LAWL RG

76

On the 29th of May two (2) TU-7 monitors were sent to the shot island to make a general survey (beta-gamma). They also took a converted thyac and were unable to detect any alpha contamination at 300 ft. from ground zero. They were unable to go any closer to ground zero due to the beta-gamma dose rate.

Several people were in close to ground zero on 30 May and their booties were checked for alpha contamination. These booties showed readings between 600 - 800 cpm on the thyac. A survey performed on 3 June showed very little alpha contamination (200 cpm in places).

W

DOE

5 JUNE 1956

CONDUCTED ROUTINE OPERATIONS

THIS IS S-1 DAY

John
LT BSIV

COPIED/DOE
LANE RG

6 JUNE 1956

THIS IS S DAY

1255 AN EXPLOSION WAS OBSERVED AT THE
NORTHERN END OF THIS ATOLL

1359 PRE-ENTRY SURVEY DEPARTED ELMER AIR-
STRIP. GALEN FELT, MAJ. JACKS, LTJG BROBST,
1/1LT MORGAN

1450 PRE-ENTRY SURVEY RETURNED

Holly
LT USN

COPIED/DOE
LANI RG

82

7 JUNE

THIS IS ST1 DAY

CARRIED OUT ROUTINE OPERATIONS

0700 AERIAL SURVEY DEPARTED. MAJOR WEAVER

LT. COLE, 1/LT. RYAN, 2/LT. CLINE

0755 AERIAL SURVEY RETURNED

Philly

NOV 1950

7 JUNE

THIS IS SAT. DAY

CARRIED OUT ROUTINE OPERATIONS

0700 AERIAL SURVEY DEPARTED. MAJOR WEAVER

LT. COLE, 1/LT. RYAN, 2/LT. CLINE

0755 AERIAL SURVEY RETURNED

Holly

COPIED/DOE
LANL RG

84

8 JUNE 1953

CARRIED OUT ROUTINE OPERATIONS

0718 AERIAL SURVEY DEPARTED ELMER AIRSTRIP

1/1LT SUMME, SP2 KILGORE, SP3 CONDON, PFC BLAIR

0815 AERIAL SURVEY RETURNED

LTJG D. LIER ARRIVED AT ELMER FROM
BIKINI.

John
LT USN

COPIED/DOE
LARI 00

85

9 JUNE 1956.

CARRIED OUT ROUTINE OPERATIONS

1000 AERIAL SURVEY TEAM DEPARTED ELMER
AIRSTRIP. LT COLE, 1/1LT CLINE, SP3 FELD -
KIRSCHNER

1115 AERIAL SURVEY TEAM RETURNED.

9604
LT. USN

21

80

10 JUNE 1956

CARRIED OUT ROUTINE OPERATIONS.

Flouj

COPIED/DOE
LANL RC

87

11 JUNE 1956

CARRIED OUT ROUTINE OPERATIONS

Bob J
LT USN

COPIED/DUE
LAMEL RG

12 JUNE 1956

THIS IS B AND F DAY.

0626 AN EXPLOSION WAS OBSERVED IN THE
NORTHERN END OF ENINEYON ATOLL AND
A BRIGHT FLASH WAS OBSERVED IN THE EAST-
ERN SKY.

0754 PRE-ENTRY SURVEY REPORTED ELMER AND
STAIR. DUNCAN SURVEY, MAJ. LEWIS, LT. MARSHALL
2/LT CLINE.

0850 AERIAL SURVEY PARTY RETURNED TO ELMER.

1100 AERIAL SURVEY PARTY DEPARTED ELMER
TO CONDUCT SURVEY OF TARGET CIRCLE 500011A

1225 AERIAL SURVEY PARTY RETURNED TO ELMER.

John V.
LT USN

1
L...

13 JUNE 1956

THIS IS K-1 DAY

CARRIED OUT ROUTINE OPERATIONS

1300 MADE SIGHT MUSTER OF T-7 PERSONNEL

NO ABSENTEES

Holland
LT USAF

COPIED/DOE
LANL RC

14 JUNE 1956

THIS IS K DAY

CARRIED OUT ROUTINE OPERATIONS

1126 AM EXPLOSION WAS OBSERVED IN THE
NORTHERN END OF KINNESTON ATOLL

1220 PRE-ENTRY AERIAL SURVEY PARTY DEPARTED
LIMER AIRSTRIP. MAJOR JACKS & LTJG BROBST

1320 PREENTRY SURVEY PARTY RETURNED

Hoag

87

COPIED/DOE
LANL RC

91

15 JUNE 1956

CARRIED OUT ROUTINE OPERATIONS

Holl
LT USN

STARTED
T

16 JUNE 1956

THIS IS O DAY

CARRIED OUT ROUTINE OPERATIONS.

0750 SHOT TIME HAS BEEN POSTPONED TO
1302.

1314 AN EXPLOSION WAS OBSERVED IN THE
NORTHERN END OF ENIWETOK ATOLL.

1350 PREENTRY AERIAL SURVEY DEPARTED ELMER
AIRSTRIP. G. FELT, L. CHELIUS, 1LT RYAN.

1450 PRE-ENTRY SURVEY PARTY RETURNED

J. Kelly

COPIED/DOE
LANL RC

17 JUNE 1956

CARRIED OUT ROUTINE OPERATIONS
DSSO. MAJOR G. JACKS, USA, CTU 7, REPAIR
FOR BIKINI.

[Handwritten signature]

MER

COPIED/DQE
LANL RC

94

18 JUNE 1956

CARRIED OUT ROUTINE OPERATIONS.

THIS IS D-1 DAY.

Hold
7 00 AM

COPIED/DOE
LANL RG

95

19 JUNE 1956

CARRIED OUT ROUTINE OPERATIONS
THIS W-K DAY

Hold
LT 1514

COPY
LANL RE

20 JUNE 1956

CARRIED OUT ROUTINE OPERATIONS

McG
17 USA

97

21 JUNE 1956

CARRIED OUT ROUTINE OPERATIONS

THIS IS D-1 & I-1 DAY.

John J.
LT USN

COPIED/DOE
LANE RC

98

22 JUNE 1956

THIS IS D & I DAY.

0700 DARTON HAS BEEN RECORDED.

0906 AM EXPLOSION WAS OBSERVED IN THE

NORTHERN END OF ENVIATOR ATOLL

1107 PRE-ENTRY AERIAL SURVEY REARSTRIP LINDER

REARSTRIP. DWAYNE SENELL, MAJOR JACOB, LT COL

1105 PRE-ENTRY AERIAL SURVEY REARSTRIP REARSTRIP

2006
17 0531

COPIED/DOE
LANL RG

NAME

RANK

SERIAL NUMBER

Civ

Civ

Civ

Civ

2d Lt.

SF3

PFC

PFC

PFC

PFC

PRIVACY ACT MATERIAL REMOVED

NAME

RANK

SERIAL NUMBER

10/11/77

Civ

Civ

Civ

Civ

2d Lt.

SP3

PFC

PFC

PFC

PFC

PRIVACY ACT MATERIAL REMOVED

COPIED/DOE
LANL RC

101

23 JUNE 1956

CARRIED OUT ROUTINE OPERATIONS
0735 AERIAL SURVEY PARTY DEPARTED ELMER
0845 AERIAL SURVEY PARTY RETURNED. COL. LUCKE,
LT COLE, 2/LT MILICIES AND THORNBROUGH (CIV)
2130 MAJOR G. L. JACKS, USA, CTU 7 WAS IN-
FORMED, BY TELEPHONE, BY CAPT C LUKE, USA,
OF PROJ. 251, THAT A PLUTONIUM SPILL HAD
OCCURRED AND THAT SEVERAL OF THE PROJECT
PERSONNEL HAD BEEN EXPOSED. PERSONNEL
WERE MONITORED ⁽²⁾ IT WAS REQUESTED THAT
A CHECK BE RUN ON THESE PERSONS AND
THEIR TEST AREAS. PERSONNEL WERE MONI-
TORED AND TESTS WERE FOUND TO BE CON-
TAMINATED WITH PLUTONIUM. THESE TEST WERE
SENT TO THE PERSONNEL DEPARTMENT IN
STATION AND WERE FURNISHED WITHIN 10
HOURS. 24 HR URINE SAMPLES
TAKEN AND MONITORED, WERE FOUND TO BE
CONTAMINATED. THE FOLLOWING ITEMS WERE
CONTAMINATED: 42 SAMPLES, 24
PLOWN, 3 OTHER MATRESSES, 4 5 PR
SIXING MATRESSES AND 4 PLOWNS. 107 OF
PERSONS FOUND TO BE CONTAMINATED 12
PERSONS

W.C.
LT OSBY

DOE
ALRG

24 JUNE 1956

CARRIED OUT ROUTINE OPERATIONS.
THE FLOORS OF THREE TENTS OF (PRO) 251
PERSONNEL WERE DECONTAMINATED BY TU 7
AND H 4 N PERSONNEL. IN ADDITION THE
TABLES AND CHAIRS IN THE MESS HALL WERE
VERY THOROUGHLY SURVEYED AND NO ALPHA
CONTAMINATION WAS FOUND TO EXIST.

John
LT USN

01
LA

103

25 JUNE 1956

CARRIED OUT ROUTINE OPERATIONS.

0756 AECIA - SURVEY PARTY DEPARTED ELMER

H. BOSTON, 1 LT PETERS, SFC GAINES, PVT LAWS,

SP3 TRACHSEL AND BOB GRAVESON (CV).

0842 AERIAL SURVEY PARTY RETURNED.

25/6/56

27/6/56

COPIED/DOE
LANL RC

104

26 JUNE 1965

THIS IS D-DAY

DECK A BRIGHT FLASH WAS OBSERVED IN
THE EASTERN SKY

CARRIED OUT ROUTINE OPERATIONS

COPIED BY
LANL RG

105

27 JUNE 1956

CONTINUED ROUTINE OPERATIONS

1700 AERIAL SURVEY PARTY DEPARTED ELMER AIRSTRIP. LT F. COLE, R. W. TAFT (CIV) & R. GOEKE (CIV)

2055 AERIAL SURVEY PARTY RETURNED.

2110 INSTRUMENT CALIBRATION PARTY DEPARTED ELMER AIRSTRIP.

1520 INSTRUMENT CALIBRATION PARTY RETURNED

9602 J
LT OSO

30 JUNE 1956

CARRIED OUT ROUTINE OPERATIONS

Hold
LT 1314

COPIED/DOE
LAWL RC

1 JULY 1956

CARRIED OUT ROUTINE OPERATIONS
THIS IS H-1 DAY

Gold
LT USN

COPIED/DOE
LANL RG

108

2 JULY 1956

THIS IS H DAY 4 M-1 DAY
DBII HURDY HAS BEEN POSTPONED
CARRIED OUT ROUTINE OPERATIONS

Hoody

UNITED/JOE
109

109

3 July 1956

0606 MOHAWK WENT

0720 Commenced checking for fall-out using T.B. & MX5

0807 Meters indicate a fall-out of 4 mr/hr, Y

0845 Meters indicate a fall-out of 22 mr/hr, Y

1005 PRE-ENTRY COPTER SURVEY AIR BORNE, Felt, Jacka,
Cole, W.W. WOOD

1005 Meters indicate a fall-out of 12 mr/hr, Y

1120 Pre-entry Copter survey returned

1355 AERIAL SURVEY DEPARTED ELMER
AIRSTRIIP. LT F. COLE 1/LT PETERS,
2/LT MILIOTES & R. GOEKE

Holey

4 JULY 1956

CARRIED OUT ROUTINE OPERATIONS

0900 AERIAL SURVEY PARTY DEPARTED

LT BRUBST, CAPT FARMER, L. CHELIN

R. GÖTTE

1015 AERIAL SURVEY PARTY RETURNED

306A

COPIED/DOE
LANL RC

5 July 1956

0722 Aerial survey party departed St Peter, St Killern,
St Milites,

0830 Aerial Survey Party returned

1830 1/LT L.F.X. RYAN ARRIVED FROM BIKINI

Hole
LT USN

COPIES/DCE
LAWI RC

112

8 July

A cancelled at 0530 hrs
Carried out routine duties
Today is A-1

H. P. Jackson
Maj USA

9 July

Apache fired at 0606 hrs.
Pre-entry survey dtd 1002 hrs, returned
1058 - Dr Sewall, Maj Jacks, Lt Taylor
aboard. Chopper contaminated on
survey.

Detailed survey dtd 1350, returned
1525 - Major Jacks, Mr. Gocke, Lt.
Willoughby aboard.
Carried out routine duties.

J. E. Jacks
Maj USA

10 July

Helicopter survey party departed at 0717, returned at 0820 hrs - Col Lucka, Mr Chalins, Mr Coaka, Lt Miliotas aboard.

Carried out routine duties.

J. J. [unclear]
Lt. Lucka
Maj. [unclear]

COPIED BY
LANI DC

11 July

Helicopter survey departed
at 0700, returned at 2350 - Lt.
Brobst, Lt Taylor, Sgt Gaines, Mr.
S. Curry aboard.

Special survey (helicopter)
conducted by Major Jacks at
Ganes and crater 1035-1100,
11:15 - 1200.

Carried out routine duties.

Jacks
Maj USAF

12 July

Carried out routine duties.

J. H. Jones
Major USA

COPIED/DOE
LANE RC

117

13 July

Carried out routine duties

1024 Helicopter survey departed with
Mr R. Toft and SP. 3 P Zimmer
aboard. Returned at 1130.

Leo H. Chelms

COPIED/DOE
EANL RC ✓

14 July.

Carried out routine duties.

0825 Helicopter survey departed with
Lt. Cole, Lt. Militari, Mr. H. [unclear]
and SP-3 Dale Briner aboard.
Returned at 0920.

William Walling Hyslop
20 St, USA

AWL

119

15 July

Carried out routine duties.

0750 Mr L. Chelius, Mr. Besemer, and Mr. Haly departed on a boat survey. Returned at approx 1445.

William Wiloughby
2d LT, USA

COPIED/DOE
LANL RC

120

16 July

Carried out routine duties.

0802 Helicopter survey dispatch with
Lt Milliot, Lt Willoughby and
Mr. P. Endus aboard. Returned
at 0905.

William Willoughby, Jr
2d LT, USA

ADDENDA

1615 Theodore R. Crawford, JG, and
Ray N. Dunaway, TU7, departed
Elmer by helicopter for the reef
near Station 7 on Ypsome. It
approximately 2200 hrs it was
discovered by TU7 present that
the party had not arranged for
return transportation. It was
decided by J3 and TU7 to leave
the party on Ypsome overnight
and pick them up by
helicopter on the morning of
17 July 1956.

William Willoughby, Jr
2d LT, USA

17 July

Carried out routine duties.

th
f
0813 Theodore A Crawford, T6, and
Ray N. Daraway, T07, returned
from Yvonne. (See log of 16 July)

0900 made muster of T07 Personnel.
PFC B.G. Dyer absent.

1100 PFC B.G. DYER REPORTED HAVING BEEN
AT DENTIST AT TIME OF MUSTER.

Leo G. Chelms

July 18.

Carried out routine duties
1050 Helicopter Survey departed
with Lt. Cole, Sp 3. B. Weigel and Pte B. G. Dyer
aboard. Returned at 1152.

Today in T-2 and H-2.

William Willoughby, Jr.

3d Lt, USA

July 19

Today is T-1 and H-1

Carried out routine duties.

0924 Major S. Jackson and Mr L. Collins
departed for station 10 by helicopter.
Returned at 1220. Muster was held
at 1420. all present except Mr. Haley.
Mr. Haley was at Fred during muster
and reported in upon his return.

William Willoughby
30 LT, USA

COPIED/DOE
LANL RC

124

July 20:

T and H were postponed. Today is T-1 and H-1
Carried out routine duties.

William Willoughby

20 L+, USA

COPIED
LANL RC

125

end H-1.

July 21

H has been postponed. Today is T Day and H-1.
0546 a bright flash was observed in
the eastern sky.

1600 Observed commencement of fallout
from the Bikini shot at a level of
10-20 mc/hr.

1700 Fallout increasing to 50 mc/hr

1900 Fallout holding steady at 100-120 mc/hr

2300 Fallout still steady at 100-120 mc/hr

William Willoughby Jr
20 LT, USA

100E

125

July 22

Huron fired at ~0616 hours.

0839 Helicopter survey party departed with Maj. Jicks, Helen Felt and Lt. Cole aboard. Returned at 0925.

0900 Fallout still constant at 100-120 m/hr

0920 Fallout dropped to 60-80 m/hr after heavy rain.

1600 Fallout dropped to 50-60 m/hr
William Willoughby
24 FT, USA

COPIED/DOE
LANL RC

126

July 23

Carried out routine duties.

0630 Fallout dropped to 35-45 m/hr.

0710 AERIAL SURVEY DEPARTED. LT. F. COLE,
2/LT. W. WILLOUGHBY, II, D. J. BESSMER, CIV + R.S.
COLEMAN, CIV

0925 AERIAL SURVEY PARTY RETURNED.

1030 Fallout reading 30-35 m/hr

William Willoughby II
2/LT, USA

COPIED/OUT
LAW 20

127

July 24

Carried out routine duties:

0835 Helicopter in which party departed
with, Col Luckey, Lt. Willoughby
and Mrs. E. C. Anderson, U.S.A.F.,
aboard. Returned at 0935.

William Willoughby

20 LT, USA

25 JULY 1956

CARRIED OUT ROUTINE DUTIES.

Mr. Haley made red-safe survey on Sally
and Yvonne by helicopter.

Leo M. Chelius

ated
by
S.

COPIED/DOE
LANL RC

26 July 1956
Carried out Routine Duties

William Willoughby II

2d LT, USA

COE
RC

136

27 July 1956

Carried out routine duties.

~~0820~~

0825 Aerial survey departed by
helicopter with 1st Lt. A. Millister, Mr.
L. Chelius, Civ, and Mr. R. Jacobs, Civ, aboard.
Returned at 0951.

1530 aerial survey departed by
helicopter with May Jacks, 1st Lt. Meliste
and Lt. Brock aboard. Returned at 1600

William Willoughby
2d LT, USA

28 July 1957

Continued routine duties.

William W. Stenberg

od HT; USA

COPIED/DOE
LANL RC

21

29 July 1956.

Observed holiday routine.

William Willoughby

20 FT., USA.

OSME 700E
LANL RC

133

30 July 1956

Continued routine duties.

0900: Helicopter survey departed with
Major G. Jacks and ~~1st Lt~~ 1st Lt H. Milligan
aboard. Returned 1010.

Leo H. Chelius

6
2011 13

36
21

Continued 31 July
routine duties

William Wilboughby

26 RT, USA

with
notes

is

COPIED/DOE
LANL RC

26
26

1 August

Continued routine duties.

0909 Aerial survey departed by
helicopter with Major S. P. J. J.,
1st Lt. H. Milotas and Lt. X. Ryan; and 2nd Lt.
W. E. Taylor aboard. Survey party returned
1019.

1320 Sample recovery and survey party
departed by helicopter with Lt. Milotas and
Lt. Taylor aboard. Returned at 1500.
Leo H. Chelius

COPIED/DOE
LANL RG/

134

2 August

1010 sample recovery and survey party departed by helicopter for Yvonne with Maj. Jacks aboard. Returned at 1040.

1135 sample recovery and survey party departed by helicopter for Yvonne with Maj. Jacks aboard. Returned at 1205.

William Wiltoughly

Q&A, USA

aka,
Q&A
returned

party
list on

ins

005

3 August

Continued routine duties.

0904 Aerial survey departed by helicopter with 1st Sgt LFX Ryan, H. Milliter and 2nd Sgt W Taylor and C. Distenfeld aboard. Returned at ~~1040~~ ¹⁰⁴⁰ ~~1100~~ ¹¹⁰⁵ ~~1105~~ ^{less} ~~1105~~ ^{less} survey party landed on Fred at 1040. Survey party departed Fred at 1100. Returned at 1105 less 1st LT LFX Ryan and 2d LT C. Distenfeld who disembarked at Fred.

1100 Aerial survey departed by ~~helicopter~~ ^{UH-1} L-20 from Fred with 1st LT LFX Ryan and 2d LT C. Distenfeld aboard. Returned Elmer at 1134.

1315 Aerial survey departed by helicopter with Maj Jacks and Lt Milliter aboard. Returned at 1639.

Leo G. Chelius

COPIED/DOE
LANL RC

128

4 August 1956

Carried out normal routine dut
TU7 secured as of this date. Rad Safe
control turned over to AEC.

Leo G. Chelms

by
Ryan
on and
~~D. W. H.~~
in Fred
Fred
L
Turfeld
W L-20
and
red

ew
sant

ies

COPIED/DOE
LANL PG

1.39