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FEB 23 1966

RS 3416/~~211~~

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UNIQUE DOCUMENT # SAC200118550000

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OO RUTQBN RUEPXG RUWPQL RUWMFNA RUWPQS RUCDGU RUWTBTA

DE RUWPQA 317C 0532233

ZNY SSSSS

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FM USAEC WALTER F WHITE ALBUQUERQUE NMEX

O RUTQBN/16TH AF ADVON TORREJON AFB SPAIN SERIES C

/PLS PASS TO W R BARTON AND S A MOORE/

INFO RUEPXG/USAEC LCDR HEDRICK WASHINGTON D C SERIES D

RUWPQL/LASL FRANK DUNN LOS ALAMOS NMEX SERIES E

RUWMFNA/DNS KIRTLAND AFB NMEX SERIES F

RUWPQS/SANDIA CORP ATTN R E MAYDEW ORG 9320 AND W R HOAGLUND

ORG 1540 ALBUQUERQUE NMEX SERIES G

RUCDGU/SEG AFSC R W BACHMAN WPAFB OHIO SERIES H

RUWTBTA/DAD M R BENNETT EGLIN AFB FLA SERIES I

AEC

BT

REC'D 9320 2-99 MAR 15 1966

S E C R E T RESTRICTED DATA GP-1. FOLLOWING FROM W N CAUDLE

REFERENCE YOUR MESSAGES C-00298 AND C-00289 FEB 1966.

DOE b(3)

[redacted] THE INITIAL OR RELEASE CONDITIONS FOR BOTH SETS OF TRAJECTORIES WERE TAKEN FROM YOUR MESSAGE C-00298, DATE TIME GROUP 201500Z.

DOE b(3)

[redacted] STAGE ONE ALTITUDE IS 25,000 FEET, STAGE TWO ALTITUDE IS 20,000 FEET AND STAGE THREE

RESTRICTED DATA

This document contains restricted data as defined in the Atomic Energy Act of 1954. Unauthorized disclosure subject to Administrative and Criminal Sanctions.

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW

1ST REVIEW-DATE: 6/97
AUTHORITY: ☐ DC ☒ DD
NAME: Bill Lawrence SNLA
2ND REVIEW-DATE: 1/6/99
AUTHORITY: DD
NAME: [signature]

DETERMINATION [CIRCLE NUMBER(S)]
1. CLASSIFICATION RETAINED
2. CLASSIFICATION CHANGED TO:
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4. COORDINATE WITH:
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7. OTHER (SPECIFY): 4-PAGE TWX

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Attach 17.

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PAGE TWO RUWPQA 317C S E C R E T RD GP-1

ALTITUDE IS 15,000 FEET. THE CONDITIONS AT THE VARIOUS STAGING ALTITUDES BASED ON THE INITIAL OR RELEASE CONDITIONS GIVEN ABOVE ARE PRESENTED IN TABLE 1.

TABLE 1. CONDITIONS AT STAGE ALTITUDE (CDS - 18.0)

ALTITUDE	VELOCITY (FPS)	TOF (SEC)	X (FT)	Y (FT)	ANGLE (DEG)
25000	378	15	-1276	-3779	-66
20000	436	28	-2056	-4683	-83
15000	430	39	-2570	-4542	-83

THE TRAJECTORY FOR THE TAIL COVER USING THE NEW WINDS AND A CDS OF 2.5 IS GIVEN IN TABLE 2. I MUST EMPHASIZE THAT ALL TIMES PRESENTED BELOW ARE TOTAL TIMES (FROM RELEASE TO IMPACT) AND EACH TRAJECTORY IS IDENTIFIED BY STAGE NUMBER.

TABLE 2. TAIL COVER (CDS - 2.5)

STAGE	IMPACT VELOCITY (FPS)	TOF (SEC)	X(FT)	Y (FT)	ANGLE (DEG)
1	128	181	-4375	5600	-74.5
2	128	165	-3967	2890	-74.5
3	128	145	-3583	919	-74.5

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PAGE FOUR RUWPQA 317C S E C R E T RD GP-1

CURRENT PROFILE YOU SUBMITTED. THE CHUTE WITH A 1500 POUND WEIGHT WOULD DRIFT 1436.7 FEET FROM THE IMPACT POINT AGAIN IN THE DIRECTION OF THE CURRENT. THIS VALUE CALCULATED USING A TERMINAL VELOCITY OF 0.79 FPS. MORE DATA WILL FOLLOW. NEW SUBJECT: FOR W R BARTON FROM R C MAYDEW. PLAN YOUR DEPARTURE SO THAT YOU WILL BE AVAILABLE AT SANDIA/ALBUQUERQUE ON MONDAY, MARCH 7. PLANSARE BEING MADE FOR W N CAUDLE TO PROCEED TO SPAIN AND OVERLAP YOUR STAY BY ONE DAY OR WHATEVER TIME YOU DEEM NECESSARY. MR CAUDLE WILL LEAVE ALBUQUERQUE ON SUNDAY, FEB 27, ARRIVING MADRID AROUND NOON MONDAY, FOLLOWING YOUR SCHEDULE, AND PROCEED TO CAMP WILSON, ON TUESDAY MORNING. HE WILL MEET WITH YOU AND MAKE ARRANGEMENTS FOR CONTINUED SANDIA BALLISTIC AND EARTH PENETRATING SUPPORT OF BOMB SEARCH IF ~~16TH~~ AIR FORCE DEEMS IT NECESSARY. PLEASE ADVISE ASAP PD

BT
DISTRIBUTION:
~~1/20~~ - R. C. MAYDEW ORGN 9320
~~1/20~~ - W. R. HOAGLAND ORGN 1544

This is an exact copy: 04/02/97: 7447: cmg
Distribution:
M0659A Elva Barfield, FOIA Officer/OPA; DOE/AL

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FM 16AF ADVON SPAIN

TO RUWPQA/USAEC ALBUQ N M

RUSCS/CINCSAC

KNUWMFMA/DIR OF NUCLEAR SAFETY KIRTLAND AFB N M

RUWPQL/LASL LOS ALAMOS N M

RUWPQS/SANDIA CORPORATION ALBUQ N MEX

BT

S E C R E T /RD/C-00108. FEB 66.

FOR: MANAGER USAEC, W.R. BARTON SANDIA CORP 9320, AEC-ALOHAUTY OFFICER93 THIS MSG IN TWO PARTS. PART I. FOR AEC-ALO DUTY OFF. PLEASE CONTACT W.R. BARTON, SANDIA CORPORATION 9320 IMMEDIATELY. VERIFY THAT BARTON HAS RECEIVED THREE MESSAGES FROM MAYDEW REQUESTING TRAJECTORY INFOROATION. BY RETURN TWX PLEASE ADVISE STATUS OF CALCULATIONSWM PART II: FOR W.R. BARTON, SANDIA CORP 9320.

REC'D 9320
MAR 15 1966

DOE b(3)

~~THIS DOCUMENT CONSISTS OF 2 PAGE(S)~~
~~NO. 1 OF 1 COPIES, SERIES A~~

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1ST REVIEW-DATE: 6/97
AUTHORITY: DC DD
NAME: LAWRENCE Bill
2ND REVIEW-DATE: 1/6/99
AUTHORITY: DD
NAME: Hal Dimberg

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USAF, No add. brackets 5/11/99 Ltr.

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Attach 6

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