

2150Z 6 NOV 1959

~~TOP SECRET~~

DIRECTOR

[REDACTED]

OPS (1,2,3,4)

S/C (5)

VL

TOR: 2210Z 6 NOV 1959

[REDACTED]

[REDACTED]

REF: MISSION 9000A

**This document contains information
relating to Project ECHO**

OPERATIONAL IMMEDIATE
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IMMEDIATE

R [REDACTED]
[REDACTED]

FOLLOWING IS STATUS REPORT OF MISSION 9000A AS OF 05/2130Z:
TO PROPERLY UNDERSTAND REASON FOR CANCELLATION EARLY THIS MORNING
MUST GO BACK TO EVENT, THAT OCCURRED DURING LAUNCH COUNT DOWN ON
3 NOV. DURING WATER FLUSHING OPERATIONS AFTER CANCELLATION ON 3 NOV
THE ACID QUICK DISCONNECT VALVE BETWEEN UMBILICAL CORD AND 2ND STAGE
WAS FOUND STUCK OPEN. UNFORTUNATELY SOME WATER HAD SPLASHED INTO
OPENING PRIOR TO DISCOVERY OF SITUATION. EVEN THOUGH ACID TANKS
WAS NOT EVEN FILLED SOME ACID HAD ENTERED AND THIS COMBINED WITH
WATER MAKES A CORROSIVE MIXTURE. THE MIXTURE WAS DRAINED FROM TANKS
AND VISUAL INSPECTION PERFORMED AS WELL AS COULD BE DONE WITHOUT TEAR
DOWN. DECISION WAS MADE THAT IF WATER CONTENT OF DRAINED MIXTURE
EXCEEDED 50 PERCENT TEAR DOWN AND INSPECTION MUST BE PERFORMED.
A SAMPLE WAS TESTED AT NEAREST LAB WITH 10 PERCENT WATER PRESENT.
BASED ON THIS PREPARATIONS FOR LAUNCH WERE CONTINUED. HOWEVER,
ADDITIONAL SAMPLES WERE TAKEN TO SANTA CRUZ FOR MORE TESTING.

Declassified and Released by the N R O

In Accordance with E. O. 12958

on NOV 26 1997

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[REDACTED]

PAGE -2-

RESULTS OF THESE TESTS (COMPLETED LAST NIGHT) INDICATED 4.7 PERCENT WATER PRESENT. BASED ON THIS, DECISION MADE TO CANCEL ON 5 NOV AND REAR DOWN AND INSPECT PUMP.

2. AS OF THIS TIME TESTS INSPECTED AND RE-ASSEMBLY OF TANK ON EVERIGHT PROCEEDING ON BASIS LAUNCH WILL BE 7 NOV. HOWEVER, FINAL DECISION TO LAUNCH NOT MADE.

3. RE VIEW OF PARA 2 REQUEST [REDACTED] BASED ON 07/930Z
MAYN

4. WILL ADVISE IF ANY CHANGE IN PLANS. PLEASE PASS TO [REDACTED]
[REDACTED]

END OF MESSAGE

This document contains information
referring to Project **CORONA**

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[REDACTED]