

DATE 1240Z 13 JUNE 61

TO DIRECTOR

FROM [REDACTED]

ACTION OPS (1,2,3,4,5)

INFO S/C (6)

EG

TOR: 1241Z 13 JUNE 61

Declassified and Released by the N.R.C.

In Accordance with E. O. 12958

on

NOV 26 1991

OPERATIONAL IMMEDIATE

TO [REDACTED]

INFO [REDACTED]

CITE [REDACTED]

THE FOLLOWING STATUS RPT ON DISC XXIV TO COMMANDER, HQ AFSC IS QUOTED FOR YOUR INFORMATION.

QUOTE: ~~SECRET~~ [REDACTED]

1. RE-EXAMINATION OF TRACKING AND TELEMETRY DATA CONFIRM THAT THE THOR AND BTL GUIDANCE SYSTEM FUNCTIONED PROPERLY THROUGHOUT THE BOOST PHASE OF THE OPERATION. AGENA SEPARATION WAS COMMANDED AND OCCURRED PROPERLY.
2. AGENA TELEMETRY DATA STOPS AT T PLUS 142.6 SECONDS. THIS IS PRIOR TO THE TIME OF AGENA SEPARATION.
3. THE PRINCIPLE PROBLEMS WHICH HAVE BEEN UNCOVERED ARE:
  - A. ABNORMALLY HIGH TEMPERATURES EXISTED IN THE AFT SECTION OF THE AGENA PRIOR TO THE ONSET OF THE ELECTRICAL POWER MALFUNCTIONS. THESE TEMPERATURES ARE CONFIRMED BY TEMPERATURES OF OTHER COMPONENTS - GAS SPHERES AND HYDRAULICS IN THE AREA.
  - B. IT IS POSSIBLE THAT THERE WAS A FIRE IN THIS SECTION; HOWEVER, CAUSE OF THE FIRE, IF ANY, HAS NOT BEEN DETERMINED.
  - C. THE AGENA ELECTRICAL POWER SYSTEM SHOWS A VERY HIGH CURRENT DRAIN BETWEEN T PLUS 77-87 AND BETWEEN T PLUS 137-142.6 SECS. THIS HIGH DRAIN MAY OR MAY NOT BE CAUSED BY THE HIGH TEMPERATURES.

~~SECRET~~

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Copy No. [REDACTED]

D.

AS A RESULT OF THE OCCURRENCES IN THE POWER SYSTEM, A PORTION OF THE POWER SUPPLY FOR THE GUIDANCE SYSTEM WAS LOST AND THE GUIDANCE SYSTEM WAS PROBABLY INOPERATIVE. E. IT IS NOT KNOWN AS YET WHETHER THE RNA ENGINE FIRED. HOWEVER, IF IT DID, IT IS LIKELY THAT THERE WAS ALTITUDE CONTROL. 4. PRELIMINARY REPORTS FROM RANGE SAFETY INDICATE THAT SEPARATION OCCURRED. 5. A DETAILED EXAMINATION OF THE CAUSES IN THE SYSTEM SINCE OTHER DISCOVERERS IS UNDER WAY AND A COMPREHENSIVE REVIEW OF THE HISTORY OF ALL COMPONENTS IS BEING MADE. A MEETING HELD BY SEN SCHRIEVER WAS ASSEMBLED AND WILL HOLD AT 11:00 AM ON 9 JUNE 61. END OF QUOTE  
END OF MESSAGE