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... 2/2 of WLBG
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27 July 1964

To: [REDACTED]

From: [REDACTED]

Subject: FOGGING OF STELLAR FILM, MISSIONS 1006 & 1007

1. The customer has reported that the stellar film from subject missions has incurred a general increase in base fog over a series of frames. Comparing this fogging to operational periods and times of shut-down establishes that this most likely occurs during ascending passes which pass across the South American geomagnetic anomaly at relatively high altitudes. This would establish that entrapped radiation is responsible.
2. Due to the strong correlation and the tentative elimination of light leaks as a cause as the index film is not affected, it is recommended that the S/I chutes be wrapped with lead foil on future launches. Preliminary evaluation indicates that standard chutes prepared during 1963 for radiation protection should be used.

[REDACTED]
Planning & Evaluation
Staff

van

[REDACTED]

Declassified and Released by the N R C

in Accordance with E. O. 12958

on NOV 26 1997

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