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PRIORITY [redacted] CITE [redacted] 7

CORONA

Re [redacted] 2463-6

Please pass to Dr. McMillan

1. No "out of spec" components were assigned to Mission 1017.

2. A shelf life survey of MK 5A components was authorized by CIA's [redacted] manager on or about 20 July 1961. The results of this survey were presented at an SE/TD meeting on 20 March 1962. The survey indicated that a 36-month shelf life for the forebodies was considered conservative.

3. The payload for Mission 1017 was "bought off" by Capt [redacted] USAF [redacted] representative [redacted] acting in behalf of resident officer [redacted]

No disciplinary action taken or contemplated or appropriate. Following actions being taken which include but are not limited to:

a. Detailed shelf life limitation determination presently under review.

b. Forebody age test program is in progress.

c. [redacted] rep will be assigned [redacted] as advisor [redacted] resident officer.

d. Buy off at VAEB will be accomplished by [redacted] resident officer [redacted]

4. "Shelf Life" was not defined in the development document. A "storage life" requirement was imposed stating that "operational performance requirements... shall be attainable when removed from storage during any period up to one year." No qualification program was authorized.

5. CORONA forebodies after cold soak and ultrasonic acceptance tests [redacted] undergo an additional severe environmental exposure

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in the [redacted] member. The combination of these successive environmental stresses appears to be an adequate screening process for marginal forebodies. The preliminary results [redacted] analysis of forebody problems and currently approved test program were summarized [redacted].

[redacted] will continue to comply with the broad programming directives [redacted] providing acceptable flight qualified payload hardware in a timely fashion. Assisted by its payload contractors, [redacted] will be prepared to present on 1 March a status report on all SIV components which have shelf life limitations. The basis upon which these limitations are being imposed, and such actions as deemed necessary to insure adequate flight and spares components.

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