DATE.

      2   JUN 1967

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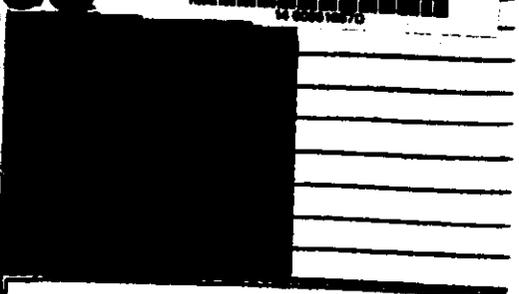
TO   :

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CORONA PEIR

SUBJ: PEIR ACTION ITEMS

REFS: A.

        B.

        C.

1. REF A PARA 4A, DESCRIBES A PLUS DENSITY AREA ON THREE FRAMES OF THE FORWARD LOOKING RECORD ON MISSION 1040-1.   EXAMINED O. NEG MATERIAL IN FRAMES 69, 70 AND 72. THERE WAS NO EVIDENCE OF ANY PHYSICAL DEFECT IN THE FILM ATTRIBUTABLE TO MANUFACTURING. AT TIME OF PRESPLICING, MORE THAN NORMAL FILM CURL WAS OBSERVED IN THE AREA WHERE THE PLUS DENSITY ANOMALY OCCURRED. REFS A AND C WERE INITIATED IN AN ATTEMPT TO DETERMINE SOURCE OF ENERGY CAUSING THE FLASH OF LIGHT. PER REF C, NO EVIDENCE OR EXPLANATION OF THE FLASH WAS OBTAINED BY A DETAILED INSPECTION OF THE 1040-1 RSV. (FYI - PLASTIC CAPS ARE IN-SERTED OVER BATTERY PINS DURING PRESPLICE OPERATIONS.) BECAUSE OF

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CONTED..

THE UNUSUAL NATURE OF THE OCCURRENCE, AND BECAUSE EXAMINATION REVEALS NO DEFECT IN MATERIAL OR IN THE RSV, IT IS CONCLUDED THAT A STATIC DISCHARGE IS THE MOST LIKELY CAUSE FOR THIS ANOMALY. RECOMMEND ACTION BE CLOSED.

2. PER REF A PARA 4J, ▮▮▮▮▮ EXAMINED THE O. NEG STELLAR RECORD AND PERFORMED SEVERAL LABORATORY TESTS IN TRYING TO DUPLICATE THE DEFECT WHICH WAS DESCRIBED AS RESEMBLING RUN-DOWN STREAKS. THE CURRENT PROCESSING TECHNIQUE INVOLVES A SINGLE APPLICATION OF A VISCOUS DEVELOPER. TESTS REVEALED THAT SOME STREAK TYPE DEFECTS WERE OCCURRING NEAR BOTH EDGES INTRODUCING A PLUS DENSITY OF LESS THAN .02 ON THE 35MM RECORD. MODIFYING THE TECHNIQUE OF APPLYING THE DEVELOPER SOLUTION HAS ELIMINATED THIS PROBLEM. ▮▮▮▮▮ RECOMMENDS THAT IN VIEW OF THE MODIFICATION TO THE PROCESS THAT THIS ACTION ITEM BE CLOSED.

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