

~~TOP SECRET~~



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IMMEDIATE [REDACTED] INFO PRIORITY [REDACTED] CITE [REDACTED]
[REDACTED]

REF A. MSN 1010

B. [REDACTED]

1. AT LAUNCH, AVAILABLE BATTERY POWER WAS SUFFICIENT TO EXTEND MISSION THROUGH REV 139 TAKING MOST PESSIMISTIC DISPERSION VALUE FOR CONSUMPTION RATE. CURRENT SLOPE OF ON-ORBIT POWER CONSUMPTION CURVE CAN BE EXTENDED TO REV 153 BEFORE DEPLETION, HOWEVER, ONE MORE DAY OF OBSERVATION SHOULD BE ALLOWED TO BETTER FIX SLOPE.

2. BEST WAY TO INSURE AVAILABLE POWER FOR OPERATION ON DAY NINE IS TO DEACTIVATE FOR ONE DAY AFTER FILLING "A" BUCKET. IF WEATHER OUTLOOK DICTATES DEACTIVATE PERIODS OF 5 DAYS OR 6 DAYS (BUT NOT 2, 3, OR 4 DAYS) MAY ALSO BE USED. AT THE MOMENT THERE IS NO REASON TO FEAR ZOMBIE MODE. THIS CAPABILITY WAS DEVELOPED PRECISELY FOR WEATHER SITUATIONS SUCH AS YOU NOW FACE. AM MORE CONFIDENT IN DEACT/REACT THAN IN TRYING TO GET 9 DAYS OUT OF 8 1/2 DAYS WORTH OF BATTERY.

3. WILL ADVISE YOU ON AVAILABLE POWER FOR BACK-TO-BACK OPERATION BY 17/2000Z. FROM REF B, ASSUME DAY 3 RECOVERY FOR "A" BUCKET UNLIKELY, SO THIS SHOULD LEAVE AMPLE TIME TO DECIDE APPROACH.

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Declassified and Released by the N R O

In Accordance with E. O. 12958

on NOV 26 1997