During the initialization pass for an "Early Abort" from PDI, locations of a VAC area are destroyed.

Early abort run: Keyed V82 in after INSERTION found that a VAC area had been destroyed and transfer control was made to undesirable location.

-MIT ANALYSIS-

2.1 CAUSE: In routine GOABORT, a branch is made to the present location +3 instead of +4. This causes an Interpretive address to be used as an instruction which is interpreted to be STORE, 1. This stores a DP number into portions of a pre-indeterminable VAC area.

2.2 RECOGNITION:
See 1.6.

2.3 MISSION EFFECT: Possibly makes an abort on the PGNCS unsafe.

2.4 AVOIDANCE PROCEDURE: None

2.5 RECOVERY PROCEDURE:
If abnormality occurs, go to AGS.

2.6 PROGRAM CORRECTION:
Change instruction to BRANCH to +4.

2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc):
Fix and re-manufacture ropes for 1C.

2.8 RECOMMENDED RE-TESTING:
Trace the coding involved in branching for early aborts.

3.1 NASA DIRECTION:

LUMINARY 1C re-released at Rev 131.