CRaTER Pre-Environmental Review (I-PER)

SYSTEM SAFETY
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September 10-11, 2007
IDENTIFIED HAZARDS

- Pressure Vessel
- Radioactive Material
- High Voltage
HAZARD CONTROLS

• Pressure Vessel    Only used at MIT for purge gas. The purge bottle is not delivered to NASA.

• Radioactive Material Only used at MIT for Instrument Test. The 5.0 µCi, CO60 source, is not delivered to NASA.

• High Voltage     225VDC and 75 VDC are produced inside the Electronics Enclosure. High voltage is not accessible from the exterior of CRaTER.
SAFETY (continued)

• Hazard Analysis/Hazard Reports have been corrected, revised, and submitted, to NASA/GSFC (Chuck Peterson).

• Further updates are not planned. All documentation is complete.

• Test Facility, Launch Range, and Launch Vehicle interaction is not anticipated.

• End-of-Life scenario is approved.