



CRaTER Pre-Environmental Review
(I-PER)

SYSTEM SAFETY
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Cosmic RAY Telescope for the Effects of Radiation



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.