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| **NASA Expendable Launch Vehicle (ELV)**  **Payload Safety Hazard Report**  (NPR 8715.7 and NASA-STD 8719.24) | | 1. HAZARD REPORT #:  **PROP-08-MPS**  2. INITIATION DATE:  07/24/2014 |

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| 3. MISSION/PAYLOAD PROJECT NAME:  MERV  PAYLOAD SYSTEM SAFETY ENGINEER:  Lucas Layman | | 4. REVIEW PHASE:  ☒ Phase I  ☐ Phase II  ☐ Phase III |

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| 5. SYSTEM/SUBSYSTEM:  Propulsion  Structure  Propellants | 6. HAZARD GROUP(S):  Fire/Explosion  Pressure | 7. DATE:  07/24/2014 |

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| 8. APPLICABLE SAFETY REQUIREMENTS:  NOT YET AVAILABLE | | |

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| **HAZARD** | | |

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| 9. HAZARD TITLE:  Contamination in the MPS Hydrogen System Leads to Malfunction, Damage or Fire/Explosion | | 10. HAZARD CATEGORY AND RISK LIKELIHOOD: |