



Figure 27. Flow chart describing the LNG ISO LOC probability estimation approach.

3.1.6 LPG Rail Car LOC Frequency

The risks associated with the transportation of LNG ISO cars was compared to the transportation risks associated with LPG cars. The LPG rail cars were assumed to be transported in DOT-112 pressurized rail cars (nominal volume of 34,000 gallons). The LNG ISOs were compared to LPG rail cars on an energy-equivalent basis; it was estimated that approximately (b) (4)

The PHMSA database included data for propane DOT-112 cars involved in accidents. Estimated outflow frequency and corresponding effective hole sizes were developed by analyzing this data