

Table 33. Event frequencies for LNG ISO mainline movement release scenarios along Route 2 (Hialeah to Port Everglades), presented here for Configuration 1 (C-1) and train speeds between 25 mph and 60 mph.

| Release rate (kg/s) | Release Frequency (/year) | Release rate (kg/s) | Release Frequency (/year) | Release rate (kg/s) | Release Frequency (/year) |
|------------------------|---------------------------|------------------------|---------------------------|-------------------------|---------------------------|
| 1 of (b) ISOs Involved | | 6 of (b) ISOs Involved | | 9 of (b) ISOs Involved | |
| 0 | 2.93×10 ⁻³ | 0 | 3.15×10 ⁻⁴ | 0 | 2.34×10 ⁻⁴ |
| 1.17 | 3.49×10 ⁻⁵ | 3.58 | 2.86×10 ⁻⁵ | 5.30 | 3.39×10 ⁻⁵ |
| 18.8 | 6.23×10 ⁻⁵ | 21.7 | 5.30×10 ⁻⁵ | 23.5 | 6.41×10 ⁻⁵ |
| CR ⁵¹ 1 ISO | 7.48×10 ⁻⁶ | 39.9 | 3.41×10 ⁻⁶ | 41.7 | 6.59×10 ⁻⁶ |
| 2 of (b) ISOs Involved | | 7 of (b) ISOs Involved | | 10 of (b) ISOs Involved | |
| 0 | 5.11×10 ⁻⁴ | 0 | 2.75×10 ⁻⁴ | 0 | 2.30×10 ⁻⁴ |
| 1.57 | 1.51×10 ⁻⁵ | 4.14 | 2.94×10 ⁻⁵ | 5.88 | 3.59×10 ⁻⁵ |
| 19.4 | 2.71×10 ⁻⁵ | 22.3 | 5.48×10 ⁻⁵ | 24.1 | 6.83×10 ⁻⁵ |
| 37.6 | 3.48×10 ⁻⁷ | 40.5 | 4.22×10 ⁻⁶ | 42.3 | 7.91×10 ⁻⁶ |
| CR 1 ISO | 3.33×10 ⁻⁶ | 58.7 | 1.81×10 ⁻⁷ | 60.5 | 5.42×10 ⁻⁷ |
| CR 2 ISOs | 5.02×10 ⁻⁹ | 76.9 | 4.66×10 ⁻⁹ | 78.7 | 2.44×10 ⁻⁸ |
| 3 of (b) ISOs Involved | | 8 of (b) ISOs Involved | | CR 1 ISO | |
| 0 | 4.83×10 ⁻⁴ | 0 | 2.48×10 ⁻⁴ | 96.9 | 7.54×10 ⁻¹⁰ |
| 2.01 | 2.15×10 ⁻⁵ | 4.77 | 3.70×10 ⁻⁵ | CR 1 ISO | 1.03×10 ⁻⁵ |
| 20.0 | 3.90×10 ⁻⁵ | 22.9 | 5.74×10 ⁻⁵ | CR 2 ISOs | 1.40×10 ⁻⁷ |
| 40.8 | 1.01×10 ⁻⁶ | 41.1 | 5.16×10 ⁻⁶ | CR 3 ISOs | 1.12×10 ⁻⁹ |
| CR 1 ISO | 4.92×10 ⁻⁶ | 59.3 | 2.66×10 ⁻⁷ | | |
| CR 2 ISOs | 1.48×10 ⁻⁸ | 77.5 | 8.54×10 ⁻⁹ | | |
| 4 of (b) ISOs Involved | | 9 of (b) ISOs Involved | | | |
| 0 | 3.82×10 ⁻⁴ | 95.7 | 1.76×10 ⁻¹⁰ | | |
| 2.51 | 2.28×10 ⁻⁵ | CR 1 ISO | 8.22×10 ⁻⁶ | | |
| 20.6 | 4.17×10 ⁻⁵ | CR 2 ISOs | 8.66×10 ⁻⁸ | | |
| 38.8 | 1.61×10 ⁻⁶ | CR 3 ISOs | 5.21×10 ⁻¹⁰ | | |
| 59.0 | 2.77×10 ⁻⁸ | | | | |
| CR 1 ISO | 5.39×10 ⁻⁶ | | | | |
| CR 2 ISOs | 2.43×10 ⁻⁸ | | | | |
| CR 3 ISOs | 4.88×10 ⁻¹¹ | | | | |
| 5 of (b) ISOs Involved | | | | | |
| 0 | 2.58×10 ⁻⁴ | | | | |
| 3.03 | 1.94×10 ⁻⁵ | | | | |
| 21.1 | 3.57×10 ⁻⁵ | | | | |
| 39.4 | 1.84×10 ⁻⁶ | | | | |
| 57.6 | 4.72×10 ⁻⁸ | | | | |
| 77.4 | 6.10×10 ⁻¹⁰ | | | | |
| CR 1 ISO | 4.74×10 ⁻⁶ | | | | |
| CR 2 ISOs | 2.85×10 ⁻⁸ | | | | |
| CR 3 ISOs | 8.59×10 ⁻¹¹ | | | | |

⁵¹ The abbreviation “CR” represents a catastrophic rupture where the entire (b) (4) gallons contained in the ISO is released instantaneously.