

**Table 32. Event frequencies for LNG ISO mainline movement release scenarios along Route 1 (Hialeah to Port of Miami), 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	1.28×10 <sup>-3</sup>	0	1.69×10 <sup>-4</sup>	0	1.30×10 <sup>-4</sup>
1.17	1.87×10 <sup>-5</sup>	3.58	1.53×10 <sup>-5</sup>	5.30	1.82×10 <sup>-5</sup>
18.8	3.34×10 <sup>-5</sup>	21.7	2.84×10 <sup>-5</sup>	23.5	3.43×10 <sup>-5</sup>
CR <sup>50</sup> 1 ISO	4.01×10 <sup>-6</sup>	39.9	1.82×10 <sup>-6</sup>	41.7	3.53×10 <sup>-6</sup>
2 of (b) ISOs Involved		58.1	6.26×10 <sup>-8</sup>	59.9	2.12×10 <sup>-7</sup>
0	2.74×10 <sup>-4</sup>	76.4	1.21×10 <sup>-9</sup>	78.1	8.18×10 <sup>-9</sup>
1.57	8.07×10 <sup>-6</sup>	CR 1 ISO	3.87×10 <sup>-6</sup>	96.3	2.10×10 <sup>-10</sup>
19.4	1.45×10 <sup>-5</sup>	CR 2 ISOs	2.91×10 <sup>-8</sup>	CR 1 ISO	5.05×10 <sup>-6</sup>
37.6	1.87×10 <sup>-7</sup>	CR 3 ISOs	1.17×10 <sup>-10</sup>	CR 2 ISOs	6.08×10 <sup>-8</sup>
CR 1 ISO	1.79×10 <sup>-6</sup>	7 of (b) ISOs Involved		CR 3 ISOs	4.27×10 <sup>-10</sup>
CR 2 ISOs	2.69×10 <sup>-9</sup>	0	1.47×10 <sup>-4</sup>	10 of (b) ISOs Involved	
3 of (b) ISOs Involved		4.14	1.57×10 <sup>-5</sup>	0	1.23×10 <sup>-4</sup>
0	2.59×10 <sup>-4</sup>	22.3	2.93×10 <sup>-5</sup>	5.88	1.92×10 <sup>-5</sup>
2.01	1.15×10 <sup>-5</sup>	40.5	2.26×10 <sup>-6</sup>	24.1	3.66×10 <sup>-5</sup>
20.0	2.09×10 <sup>-5</sup>	58.7	9.70×10 <sup>-8</sup>	42.3	4.24×10 <sup>-6</sup>
40.8	5.41×10 <sup>-7</sup>	76.9	2.50×10 <sup>-9</sup>	60.5	2.91×10 <sup>-7</sup>
CR 1 ISO	2.63×10 <sup>-6</sup>	95.1	3.85×10 <sup>-11</sup>	78.7	1.31×10 <sup>-8</sup>
CR 2 ISOs	7.93×10 <sup>-9</sup>	CR 1 ISO	4.10×10 <sup>-6</sup>	96.9	4.04×10 <sup>-10</sup>
4 of (b) ISOs Involved		CR 2 ISOs	3.70×10 <sup>-8</sup>	CR 1 ISO	5.52×10 <sup>-6</sup>
0	2.05×10 <sup>-4</sup>	CR 3 ISOs	1.86×10 <sup>-10</sup>	CR 2 ISOs	7.48×10 <sup>-8</sup>
2.51	1.22×10 <sup>-5</sup>	8 of (b) ISOs Involved		CR 3 ISOs	6.00×10 <sup>-10</sup>
20.6	2.23×10 <sup>-5</sup>	0	1.33×10 <sup>-4</sup>		
38.8	8.61×10 <sup>-7</sup>	4.77	1.98×10 <sup>-5</sup>		
59.0	1.49×10 <sup>-8</sup>	22.9	3.07×10 <sup>-5</sup>		
CR 1 ISO	2.89×10 <sup>-6</sup>	41.1	2.77×10 <sup>-6</sup>		
CR 2 ISOs	1.30×10 <sup>-8</sup>	59.3	1.42×10 <sup>-7</sup>		
CR 3 ISOs	2.62×10 <sup>-11</sup>	77.5	4.58×10 <sup>-9</sup>		
5 of (b) ISOs Involved		95.7	9.42×10 <sup>-11</sup>		
0	1.38×10 <sup>-4</sup>	CR 1 ISO	4.41×10 <sup>-6</sup>		
3.03	1.04×10 <sup>-5</sup>	CR 2 ISOs	4.64×10 <sup>-8</sup>		
21.1	1.91×10 <sup>-5</sup>	CR 3 ISOs	2.79×10 <sup>-10</sup>		
39.4	9.84×10 <sup>-7</sup>				
57.6	2.53×10 <sup>-8</sup>				
77.4	3.27×10 <sup>-10</sup>				
CR 1 ISO	2.54×10 <sup>-6</sup>				
CR 2 ISOs	1.53×10 <sup>-8</sup>				
CR 3 ISOs	4.60×10 <sup>-11</sup>				

<sup>50</sup> The abbreviation “CR” represents a catastrophic rupture where the entire (b) (4) gallons contained in the ISO is released instantaneously.