

Table 3

TFI Worst-Case 30% Aqueous Ammonia Releases:
Summary of Results

Solution Released Lb	Ammonia Released Lb	Maximum Pool Area ft ²	99% Evap. Duration Min.	Distance to 200 ppm, miles, for Terrain:	
				Rural	Urban
10,000	3,000	5,492	74.5	0.43	0.42
20,000	6,000	10,984	74.5	0.61	0.60
30,000	9,000	16,476	74.5	0.75	0.72
40,000	12,000	21,968	74.5	0.87	0.86
50,000	15,000	27,460	74.5	0.97	0.95
60,000	18,000	32,952	74.5	1.07	1.05
80,000	24,000	43,936	74.5	1.25	1.25
100,000	30,000	54,920	74.5	1.40	1.38
120,000	36,000	65,904	74.5	1.54	1.56
160,000	48,000	87,872	74.5	1.78	1.75
200,000	60,000	109,840	74.5	2.01	1.98

Table 4

TFI Alternate Case 30% Aqueous Ammonia Releases
(3 m/s D Stability): Summary of Results

Solution Released Lb	Ammonia Released Lb	Maximum Pool Area ft ²	99% Evap. Duration Min.	Distance to 200 ppm, miles, for Terrain:	
				Rural	Urban
1,000	300	549	43.2	0.06	0.06
2,000	600	1,098	43.2	0.08	0.09
3,000	1,000	1,648	43.2	0.10	0.10
4,000	1,200	2,197	43.2	0.11	0.11
5,000	1,500	2,746	43.2	0.13	0.12
6,000	1,800	3,295	43.2	0.14	0.12
7,000	2,100	3,844	43.2	0.15	0.13
8,000	2,400	4,394	43.2	0.16	0.14
9,000	2,700	4,943	43.2	0.18	0.16
10,000	3,000	5,492	43.2	0.19	0.18