Appendix 7.6.1

Consequence Analysis

a) Pool Fire (Small)

Ref.	Scenarios	Fatality Probability	Weather Condition 1F	Weather Condition 3C	Weather Condition 5D
			Downwind Distance (m)		
1	ISO1_DIESEL_DIESELTANK_L_PF_S_1	1.00	9.00	9.00	10.00
	ISO1_DIESEL_DIESELTANK_L_PF_S_0.5	0.50	10.00	15.00	17.00
	ISO1_DIESEL_DIESELTANK_L_PF_S_0.03	0.03	21.00	25.00	25.00
2	ISO2_DIESEL_DIESELPUMP_L_PF_S_1	1.00	9.00	9.00	9.00
	ISO2_DIESEL_DIESELPUMP_L_PF_S_0.5	0.50	9.00	9.00	9.00
	ISO2_DIESEL_DIESELPUMP_L_PF_S_0.03	0.03	9.00	9.00	9.00
3	ISO3_DIESEL_DIESELPIPELINE_L_PF_S_1	1.00	9.00	9.00	9.00
	ISO3_DIESEL_DIESELPIPELINE_L_PF_S_0.5	0.50	9.00	9.00	9.00
	ISO3_DIESEL_DIESELPIPELINE_L_PF_S_0.03	0.03	9.00	9.00	9.00

b) Pool Fire (Medium)

Ref.	Scenarios	Fatality Probability	Weather Condition 1F	Weather Condition 3C	Weather Condition 5D
			Downwind Distance (m)		
1	ISO1_DIESEL_DIESELTANK_L_PF_M_1	1.00	9.00	9.00	10.00
	ISO1_DIESEL_DIESELTANK_L_PF_M_0.5	0.50	10.00	15.00	17.00
	ISO1_DIESEL_DIESELTANK_L_PF_M_0.03	0.03	21.00	25.00	25.00

c) Pool Fire (Catastrophic)

Ref.	Scenarios	Fatality Probability	Weather Condition 1F	Weather Condition 3C	Weather Condition 5D
			Downwind Distance (m)		
1	ISO1_DIESEL_DIESELTANK_L_PF_C_1	1.00	9.00	9.00	10.00
	ISO1_DIESEL_DIESELTANK_L_PF_C_0.5	0.50	10.00	15.00	17.00
	ISO1_DIESEL_DIESELTANK_L_PF_C_0.03	0.03	21.00	25.00	25.00
2	ISO2_DIESEL_DIESELPUMP_L_PF_C_1	1.00	9.00	9.00	9.00
	ISO2_DIESEL_DIESELPUMP_L_PF_C_0.5	0.50	9.00	13.00	14.00
	ISO2_DIESEL_DIESELPUMP_L_PF_C_0.03	0.03	12.00	21.00	21.00
3	ISO3_DIESEL_DIESELPIPELINE_L_PF_C_1	1.00	9.00	9.00	9.00
	ISO3_DIESEL_DIESELPIPELINE_L_PF_C_0.5	0.50	9.00	13.00	14.00
	ISO3_DIESEL_DIESELPIPELINE_L_PF_C_0.03	0.03	12.00	21.00	21.00

d) Jet Fire (Small)

Ref.	Scenarios	Fatality Probability	Weather Condition 1F	Weather Condition 3C	Weather Condition 5D
			Downwind Distance (m)		
2	ISO2_DIESEL_DIESELPUMP_L_JF_S_1	1.00	9.00	9.00	9.00
	ISO2_DIESEL_DIESELPUMP_L_JF_S_0.5	0.50	9.00	9.00	9.00
	ISO2_DIESEL_DIESELPUMP_L_JF_S_0.03	0.03	9.00	9.00	9.00
3	ISO3_DIESEL_DIESELPIPELINE_L_JF_S_1	1.00	9.00	9.00	9.00
	ISO3_DIESEL_DIESELPIPELINE_L_JF_S_0.5	0.50	9.00	9.00	9.00
	ISO3_DIESEL_DIESELPIPELINE_L_JF_S_0.03	0.03	9.00	9.00	9.00