

Hazardous event	Electrical power protection			Automation and control system		Outcome		
Hazards related to loading/discharging	Separate generator does not work	Switchboard does not work	Local starter does not work	Scrubber alarm does not work	Control panel does not work	End event description	Frequency	Material damage category
2.100E-05	0.01	0.001	0.01	0.001	0.001	Electrical power protection and automation and control system do not work.	2.100E-18	4
					0.999	Electrical power protection and scrubber alarm do not work. Control panel in engine room does work.	2.098E-15	4
				0.999	0.001	Electrical power protection and control panel do not work. Scrubber alarm do work.	2.098E-15	4
					0.999	Electrical power protection does not work. Automation and control system does work.	2.096E-12	3
			0.99	0.001	0.001	Separate generator, switchboard, scrubber alarm, and control panel do not work. Local starter does work.	2.079E-16	3
					0.999	Separate generator, switchboard, and scrubber alarm do not work. Local starter and control panel do work.	2.077E-13	3
				0.999	0.001	Separate generator, switchboard, and control panel do not work. Local starter and scrubber alarm do work.	2.077E-13	3
					0.999	Separate generator and switchboard do not work. Local starter, scrubber alarm, and control panel do work.	2.075E-10	3
		0.999	0.01	0.001	0.001	Separate generator, local starter, scrubber alarm, and control panel do not work. Switchboard does work.	2.098E-15	3
					0.999	Separate generator, local starter, and scrubber alarm do not work. Switchboard and control panel do work.	2.096E-12	3
				0.999	0.001	Separate generator, local starter, and control panel do not work. Switchboard and scrubber alarm do work.	2.096E-12	3
					0.999	Separate generator and local starter do not work. Switchboard, scrubber alarm, and control panel do work.	2.094E-09	2
			0.99	0.001	0.001	Separate generator, scrubber alarm, and control panel do not work. Switchboard and local starter do work.	2.077E-13	3
					0.999	Separate generator and scrubber alarm do not work. Switchboard, local starter, and control panel do work.	2.075E-10	2
				0.999	0.001	Separate generator and control panel do not work. Switchboard, local starter, and scrubber alarm do work.	2.075E-10	2
					0.999	Separate generator does not work. Switchboard, local starter, scrubber alarm and control panel do work.	2.073E-07	2
	0.99					Separate generator does work and further unwanted scenarios are averted.	2.079E-05	1