Site:	MODE 1

Results of arc flash calculations for determination of PPE and flash boundary

Bus Information Name of Location	kV of bus kV	Bolted Fault Current kA	Total Arcing Fault Current kA	Working Distance mm	Protective Device Arc Fault Current kA	Arc Clearing Time sec	Reduced Current Clearing Time sec	Incident Energy J/cm^2	Incident Energy cal/cm^2	Arc Flash Boundary mm	PPE per NFPA 70E Category	Arc Flash Boundary in
SS6	0.48	45.9	24.10	610	24.10	22.90	31.80	5974.31	1427.9	45656	X	149.79117
SS7	0.48	45.9	24.10	610	24.10	0.50	0.50	112.21	26.8	4051	4	13.289955
SS8	0.48	45.9	24.10	610	24.10	0.05	0.05	11.20	2.7	995	1	3.2629484
enter location	0.48	20	9.86	610	9.86	0.26	0.00	13.07	3.1	984	1	
enter location	0.48	20	9.86	610	9.86	0.26	0.00	13.07	3.1	984	1	
enter location	0.48	20	9.86	610	9.86	0.26	0.00	13.07	3.1	984	1	
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