Site:					MODE 2

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	31.33	17.39	610	17.39	44.20	60.10	7935.69	1896.7	54280	X	178.08252
SS7	0.48	31.33	17.39	610	17.39	0.53	0.62	83.43	19.9	3381	3	11.093998
SS8	0.48	31.33	17.39	610	17.39	0.05	0.06	8.23	2.0	825	1	2.7051095
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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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	0.00	0.00	0.00	0.0	0	0	
enter location	0.48	20	9.86	610	9.86	0.00	0.00	0.00	0.0	0	0	
enter location	0.48	20	9.86	610	9.86	0.26	0.00	13.07	3.1	984	1	
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Bus Information	kV of bus	Bolted Fault Current	Total Arcing Fault Current	Working Distance	Protective Device Arc Fault Current	Arc Clearing Time	Reduced Current Clearing Time	Incident Energy	Incident Energy	Arc Flash Boundary	PPE per NFPA 70E	Arc Flash Boundary
Name of Location	kV	kA	kA	mm	kA	sec	sec	J/cm^2	cal/cm^2	mm	Category	in
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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