Contents

12A. FIRE COMPARTMENT IGNITION SOURCE DATA SHEETS

This appendix includes the fire compartment ignition source data sheets, which calculate the ignition frequencies for all unscreened fire areas.

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1110
	Fire Compartment	F1110	HCU A

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	4	2094	0.002	1.60E-03	**3.06E-06**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	4	2825	0.001	4.40E-03	**6.23E-06**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	1	457	0.002	4.50E-02	**9.85E-05**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	4	2825	0.001	1.90E-03	**2.69E-06**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **3.72E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1120
	Fire Compartment	F1120	HCU B

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	15	2094	0.007	1.60E-03	**1.15E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	15	2825	0.005	4.40E-03	**2.34E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	1	457	0.002	4.50E-02	**9.85E-05**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	15	2825	0.005	1.90E-03	**1.01E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **4.05E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1130
	Fire Compartment	F1130	HCU C

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	9	2094	0.004	1.60E-03	**6.88E-06**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	9	2825	0.003	4.40E-03	**1.40E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	9	2825	0.003	1.90E-03	**6.05E-06**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.88E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1140
	Fire Compartment	F1140	HCU D

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	6	2094	0.003	1.60E-03	**4.58E-06**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	6	2825	0.002	4.40E-03	**9.35E-06**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	6	2825	0.002	1.90E-03	**4.04E-06**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.80E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1150
	Fire Compartment	F1150	Nonsafety NE quadrant

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	65	2094	0.031	1.60E-03	**4.97E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	65	2825	0.023	4.40E-03	**1.01E-04**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	23	457	0.050	4.50E-02	**2.26E-03**
16	High Energy Arcing Faults	XX	1	1	7	44	0.159	1.50E-03	**2.39E-04**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	65	2825	0.023	1.90E-03	**4.37E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	7	65	0.108	9.90E-03	**1.07E-03**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **4.03E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1152
	Fire Compartment	F1152	Nonsafety SE quadrant

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	74	2094	0.035	1.60E-03	**5.65E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	74	2825	0.026	4.40E-03	**1.15E-04**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	8	457	0.018	4.50E-02	**7.88E-04**
16	High Energy Arcing Faults	XX	1	1	2	44	0.045	1.50E-03	**6.82E-05**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	74	2825	0.026	1.90E-03	**4.98E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	1	38	0.026	2.10E-02	**5.53E-04**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	2	65	0.031	9.90E-03	**3.05E-04**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.20E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1160
	Fire Compartment	F1160	Nonsafety NW quadrant

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	49	2094	0.023	1.60E-03	**3.74E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	49	2825	0.017	4.40E-03	**7.63E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	9	457	0.020	4.50E-02	**8.86E-04**
16	High Energy Arcing Faults	XX	1	1	1	44	0.023	1.50E-03	**3.41E-05**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	49	2825	0.017	1.90E-03	**3.30E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **1.33E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1162
	Fire Compartment	F1162	Nonsafety SW quadrant

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	70	2094	0.033	1.60E-03	**5.35E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	70	2825	0.025	4.40E-03	**1.09E-04**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	20	457	0.044	4.50E-02	**1.97E-03**
16	High Energy Arcing Faults	XX	1	1	7	44	0.159	1.50E-03	**2.39E-04**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	70	2825	0.025	1.90E-03	**4.71E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	1	38	0.026	2.10E-02	**5.53E-04**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	7	65	0.108	9.90E-03	**1.07E-03**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **4.30E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1203
	Fire Compartment	F1203	CRD and Containment Access

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	12	2094	0.006	1.60E-03	**9.17E-06**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	12	2825	0.004	4.40E-03	**1.87E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	12	2825	0.004	1.90E-03	**8.07E-06**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	2	38	0.053	2.10E-02	**1.11E-03**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **1.40E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1210
	Fire Compartment	F1210	Division I Battery

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	2	15	0.133	7.50E-04	**1.00E-04**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	69	2094	0.033	1.60E-03	**5.27E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	69	2825	0.024	4.40E-03	**1.07E-04**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	1	457	0.002	4.50E-02	**9.85E-05**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	69	2825	0.024	1.90E-03	**4.64E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **6.67E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1220
	Fire Compartment	F1220	Division II Battery

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	2	15	0.133	7.50E-04	**1.00E-04**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	72	2094	0.034	1.60E-03	**5.50E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	72	2825	0.025	4.40E-03	**1.12E-04**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	3	457	0.007	4.50E-02	**2.95E-04**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	72	2825	0.025	1.90E-03	**4.84E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **8.73E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1230
	Fire Compartment	F1230	Division III Battery

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	2	15	0.133	7.50E-04	**1.00E-04**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	49	2094	0.023	1.60E-03	**3.74E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	49	2825	0.017	4.40E-03	**7.63E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	49	2825	0.017	1.90E-03	**3.30E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **5.08E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1240
	Fire Compartment	F1240	Division IV Battery

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	2	15	0.133	7.50E-04	**1.00E-04**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	40	2094	0.019	1.60E-03	**3.06E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	40	2825	0.014	4.40E-03	**6.23E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	40	2825	0.014	1.90E-03	**2.69E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **4.81E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1262
	Fire Compartment	F1262	B Demineralizers

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	2	2094	0.001	1.60E-03	**1.53E-06**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	2	2825	0.001	4.40E-03	**3.12E-06**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	2	2825	0.001	1.90E-03	**1.35E-06**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.68E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1311
	Fire Compartment	F1311	Division I Electrical

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	268	2094	0.128	1.60E-03	**2.05E-04**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	2	15	0.133	1.80E-03	**2.40E-04**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	268	2825	0.095	4.40E-03	**4.17E-04**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	18	457	0.039	4.50E-02	**1.77E-03**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	268	2825	0.095	1.90E-03	**1.80E-04**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	4	65	0.062	9.90E-03	**6.09E-04**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **3.69E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1321
	Fire Compartment	F1321	Division II Electrical

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	257	2094	0.123	1.60E-03	**1.96E-04**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	2	15	0.133	1.80E-03	**2.40E-04**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	257	2825	0.091	4.40E-03	**4.00E-04**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	18	457	0.039	4.50E-02	**1.77E-03**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	257	2825	0.091	1.90E-03	**1.73E-04**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	4	65	0.062	9.90E-03	**6.09E-04**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **3.65E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1331
	Fire Compartment	F1331	Division III Electrical

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	214	2094	0.102	1.60E-03	**1.64E-04**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	2	15	0.133	1.80E-03	**2.40E-04**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	214	2825	0.076	4.40E-03	**3.33E-04**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	19	457	0.042	4.50E-02	**1.87E-03**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	214	2825	0.076	1.90E-03	**1.44E-04**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	4	65	0.062	9.90E-03	**6.09E-04**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **3.62E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1341
	Fire Compartment	F1341	Division IV Electrical

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	209	2094	0.100	1.60E-03	**1.60E-04**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	2	15	0.133	1.80E-03	**2.40E-04**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	209	2825	0.074	4.40E-03	**3.26E-04**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	19	457	0.042	4.50E-02	**1.87E-03**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	209	2825	0.074	1.90E-03	**1.41E-04**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	4	65	0.062	9.90E-03	**6.09E-04**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **3.61E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1600
	Fire Compartment	F1600	Refueling Floor and Common Access

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.62E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F1770
	Fire Compartment	F1770	Main Steam Tunnel

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	8	2094	0.004	1.60E-03	**6.11E-06**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	8	2825	0.003	4.40E-03	**1.25E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	8	2825	0.003	1.90E-03	**5.38E-06**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.85E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F2100
	Fire Compartment	F2100	New and Spent Fuel Handling

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	28	2094	0.013	1.60E-03	**2.14E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	28	2825	0.010	4.40E-03	**4.36E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	9	457	0.020	4.50E-02	**8.86E-04**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	28	2825	0.010	1.90E-03	**1.88E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	2	38	0.053	2.10E-02	**1.11E-03**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.34E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F3110
	Fire Compartment	F3110	Division I Electrical

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	67	2094	0.032	1.60E-03	**5.12E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	67	2825	0.024	4.40E-03	**1.04E-04**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	8	457	0.018	4.50E-02	**7.88E-04**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	67	2825	0.024	1.90E-03	**4.51E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	1	65	0.015	9.90E-03	**1.52E-04**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **1.40E-03** <= special considerations: added 1 non-PRA xmfr in bin 23b

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F3120
	Fire Compartment	F3120	Division II Electrical

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	63	2094	0.030	1.60E-03	**4.81E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	63	2825	0.022	4.40E-03	**9.81E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	8	457	0.018	4.50E-02	**7.88E-04**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	63	2825	0.022	1.90E-03	**4.24E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	1	65	0.015	9.90E-03	**1.52E-04**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **1.39E-03** <= special considerations: added 1 non-PRA xmfr in bin 23b

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F3130
	Fire Compartment	F3130	Division III Electrical

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	41	2094	0.020	1.60E-03	**3.13E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	41	2825	0.015	4.40E-03	**6.39E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	8	457	0.018	4.50E-02	**7.88E-04**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	41	2825	0.015	1.90E-03	**2.76E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	1	65	0.015	9.90E-03	**1.52E-04**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **1.32E-03** <= special considerations: added 1 non-PRA xmfr in bin 23b

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F3140
	Fire Compartment	F3140	Division IV Electrical

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	40	2094	0.019	1.60E-03	**3.06E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	40	2825	0.014	4.40E-03	**6.23E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	8	457	0.018	4.50E-02	**7.88E-04**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	40	2825	0.014	1.90E-03	**2.69E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	1	65	0.015	9.90E-03	**1.52E-04**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **1.32E-03** <= special considerations: added 1 non-PRA xmfr in bin 23b

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F3270
	Fire Compartment	F3270	Main Control Room Complex

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	1	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	10	52	0.192	3.90E-03	**7.50E-04**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	12	457	0.026	4.50E-02	**1.18E-03**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	4	65	0.062	9.90E-03	**6.09E-04**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	2	20	0.100	7.40E-03	**7.40E-04**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **3.47E-03** <= special considerations: conservatively added 5 more cabinets in bin 15,4 non-PRA xmfr's in bin 23b, and 2 AHUs in bin 26 per GA drawing.

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F3301
	Fire Compartment	F3301	Non-1E Electrical

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	29	2094	0.014	1.60E-03	**2.22E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	29	2825	0.010	4.40E-03	**4.52E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	45	457	0.098	4.50E-02	**4.43E-03**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	29	2825	0.010	1.90E-03	**1.95E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	1	65	0.015	9.90E-03	**1.52E-04**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL)	**4.93E-03**	<= special considerations: added 1 non-PRA xmfr in bin 23b, moved the DPS cabinet to FDPS.

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F3302
	Fire Compartment	F3302	Non-1E Electrical

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	60	2094	0.029	1.60E-03	**4.58E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	60	2825	0.021	4.40E-03	**9.35E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	48	457	0.105	4.50E-02	**4.73E-03**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	60	2825	0.021	1.90E-03	**4.04E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	1	65	0.015	9.90E-03	**1.52E-04**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **5.32E-03** <= special considerations: added 1 non-PRA xmfr in bin 23b

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F4100
	Fire Compartment	F4100	Turbine Equipment

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	TB	
	Plant Location Description	Turbine Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	2	4	0.500	2.40E-03	**1.20E-03**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	152	2825	0.054	4.40E-03	**2.37E-04**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	27	457	0.059	4.50E-02	**2.66E-03**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	152	2825	0.054	1.90E-03	**1.02E-04**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	8	38	0.211	2.10E-02	**4.42E-03**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	2	20	0.100	7.40E-03	**7.40E-04**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	1	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	1	1	152	205	0.741	1.60E-03	**1.19E-03**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	1	1	1	1	1.000	3.90E-03	**3.90E-03**
34	Turbine Generator Hydrogen	TB	1	1	1	1	1.000	6.50E-03	**6.50E-03**
35	Turbine Generator Oil	TB	1	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	1	1	10	21	0.476	8.20E-03	**3.90E-03**
37	Transients (Turbine Building)	TB	1	1	10	21	0.476	8.50E-03	**4.05E-03**

Compartment Fire Frequency (FL)	**2.89E-02**	<= special considerations: increased bin 36 & 37 counts by a factor of 10 to account for high occupancy & maintenance activity in the Turbine Building

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F4103
	Fire Compartment	F4103	Feedwater Pumps

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	TB	
	Plant Location Description	Turbine Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	21	2825	0.007	4.40E-03	**3.27E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	21	2825	0.007	1.90E-03	**1.41E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	2	20	0.100	7.40E-03	**7.40E-04**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	1	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	1	1	21	205	0.102	1.60E-03	**1.64E-04**
32	Main Feedwater Pumps	TB	1	1	4	4	1.000	1.30E-02	**1.30E-02**
33	Turbine Generator Excitor	TB	1	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	1	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	1	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	1	1	1	21	0.048	8.20E-03	**3.90E-04**
37	Transients (Turbine Building)	TB	1	1	1	21	0.048	8.50E-03	**4.05E-04**

Compartment Fire Frequency (FL) **1.47E-02**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F4250
	Fire Compartment	F4250	Reactor Component Cooling Water A

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	TB	
	Plant Location Description	Turbine Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	16	2825	0.006	4.40E-03	**2.49E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	16	2825	0.006	1.90E-03	**1.08E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	3	38	0.079	2.10E-02	**1.66E-03**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	1	20	0.050	7.40E-03	**3.70E-04**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	1	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	1	1	16	205	0.078	1.60E-03	**1.25E-04**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	1	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	1	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	1	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	1	1	1	21	0.048	8.20E-03	**3.90E-04**
37	Transients (Turbine Building)	TB	1	1	1	21	0.048	8.50E-03	**4.05E-04**

Compartment Fire Frequency (FL) **2.98E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F4260
	Fire Compartment	F4260	Reactor Component Cooling Water B

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	TB	
	Plant Location Description	Turbine Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	16	2825	0.006	4.40E-03	**2.49E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	16	2825	0.006	1.90E-03	**1.08E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	3	38	0.079	2.10E-02	**1.66E-03**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	1	20	0.050	7.40E-03	**3.70E-04**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	1	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	1	1	16	205	0.078	1.60E-03	**1.25E-04**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	1	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	1	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	1	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	1	1	1	21	0.048	8.20E-03	**3.90E-04**
37	Transients (Turbine Building)	TB	1	1	1	21	0.048	8.50E-03	**4.05E-04**

Compartment Fire Frequency (FL) **2.98E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F4271
	Fire Compartment	F4271	Phase A Main Transformer

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	1	9	0.111	6.00E-03	**6.67E-04**
28	Transformer - Non Catastrophic	TY	0	1	1	8	0.125	1.20E-02	**1.50E-03**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.36E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F4272
	Fire Compartment	F4272	Phase B Main Transformer

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	1	9	0.111	6.00E-03	**6.67E-04**
28	Transformer - Non Catastrophic	TY	0	1	1	8	0.125	1.20E-02	**1.50E-03**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.36E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F4273
	Fire Compartment	F4273	Phase C Main Transformer

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	1	9	0.111	6.00E-03	**6.67E-04**
28	Transformer - Non Catastrophic	TY	0	1	1	8	0.125	1.20E-02	**1.50E-03**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.36E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F4307
	Fire Compartment	F4307	Turbine EHC

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	TB	
	Plant Location Description	Turbine Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	1	457	0.002	4.50E-02	**9.85E-05**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	1	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	1	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	1	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	1	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	1	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	1	1	1	21	0.048	8.20E-03	**3.90E-04**
37	Transients (Turbine Building)	TB	1	1	1	21	0.048	8.50E-03	**4.05E-04**

Compartment Fire Frequency (FL) **8.94E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F4308
	Fire Compartment	F4308	Turbine Lube Oil

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	TB	
	Plant Location Description	Turbine Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	1	457	0.002	4.50E-02	**9.85E-05**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	1	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	1	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	1	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	1	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	1	1	1	1	1.000	9.50E-03	**9.50E-03**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	1	1	1	21	0.048	8.20E-03	**3.90E-04**
37	Transients (Turbine Building)	TB	1	1	1	21	0.048	8.50E-03	**4.05E-04**

Compartment Fire Frequency (FL) **1.04E-02**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F4350
	Fire Compartment	F4350	Instrument Air A

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	TB	
	Plant Location Description	Turbine Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	1	4	0.250	2.40E-03	**6.00E-04**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	1	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	1	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	1	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	1	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	1	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	1	1	1	21	0.048	8.20E-03	**3.90E-04**
37	Transients (Turbine Building)	TB	1	1	1	21	0.048	8.50E-03	**4.05E-04**

Compartment Fire Frequency (FL) **1.40E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F4360
	Fire Compartment	F4360	Instrument Air B

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	TB	
	Plant Location Description	Turbine Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	1	4	0.250	2.40E-03	**6.00E-04**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	1	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	1	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	1	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	1	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	1	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	1	1	1	21	0.048	8.20E-03	**3.90E-04**
37	Transients (Turbine Building)	TB	1	1	1	21	0.048	8.50E-03	**4.05E-04**

Compartment Fire Frequency (FL) **1.40E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F4550
	Fire Compartment	F4550	Chilled Water A

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	TB	
	Plant Location Description	Turbine Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	1	38	0.026	2.10E-02	**5.53E-04**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	1	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	1	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	1	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	1	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	1	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	1	1	1	21	0.048	8.20E-03	**3.90E-04**
37	Transients (Turbine Building)	TB	1	1	1	21	0.048	8.50E-03	**4.05E-04**

Compartment Fire Frequency (FL) **1.35E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F4560
	Fire Compartment	F4560	Chilled Water B

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	TB	
	Plant Location Description	Turbine Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	1	38	0.026	2.10E-02	**5.53E-04**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	1	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	1	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	1	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	1	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	1	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	1	1	1	21	0.048	8.20E-03	**3.90E-04**
37	Transients (Turbine Building)	TB	1	1	1	21	0.048	8.50E-03	**4.05E-04**

Compartment Fire Frequency (FL) **1.35E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5100
	Fire Compartment	F5100	Corridors

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	62	526	0.118	2.00E-03	**2.36E-04**
12	Cable Run	XX	1	1	62	2825	0.022	4.40E-03	**9.66E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	5	457	0.011	4.50E-02	**4.92E-04**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	62	2825	0.022	1.90E-03	**4.17E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **1.06E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5150
	Fire Compartment	F5150	Batteries A

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	BR	
	Plant Location Description	Battery Room	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	3	15	0.200	7.50E-04	**1.50E-04**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	1	457	0.002	4.50E-02	**9.85E-05**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **4.46E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5154
	Fire Compartment	F5154	Diesel Generator A

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	DGR	
	Plant Location Description	Diesel Generator Rooms	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	1	2	0.500	2.10E-02	**1.05E-02**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	526	0.002	2.00E-03	**3.80E-06**
12	Cable Run	XX	1	1	1	2825	0.000	4.40E-03	**1.56E-06**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	1	2825	0.000	1.90E-03	**6.73E-07**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	2	38	0.053	2.10E-02	**1.11E-03**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	5	20	0.250	7.40E-03	**1.85E-03**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **1.37E-02**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5156
	Fire Compartment	F5156	D-G Electrical Equipment A

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	DGR	
	Plant Location Description	Diesel Generator Rooms	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **1.97E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5157
	Fire Compartment	F5157	Reserve Auxiliary Transformer A

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	1	9	0.111	6.00E-03	**6.67E-04**
28	Transformer - Non Catastrophic	TY	0	1	1	8	0.125	1.20E-02	**1.50E-03**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.36E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5158
	Fire Compartment	F5158	Unit Auxiliary Transformer A

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	1	9	0.111	6.00E-03	**6.67E-04**
28	Transformer - Non Catastrophic	TY	0	1	1	8	0.125	1.20E-02	**1.50E-03**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.36E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5160
	Fire Compartment	F5160	Batteries B

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	BR	
	Plant Location Description	Battery Room	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	3	15	0.200	7.50E-04	**1.50E-04**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	1	457	0.002	4.50E-02	**9.85E-05**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **4.46E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5164
	Fire Compartment	F5164	Diesel Generator B

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	DGR	
	Plant Location Description	Diesel Generator Rooms	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	1	2	0.500	2.10E-02	**1.05E-02**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	526	0.002	2.00E-03	**3.80E-06**
12	Cable Run	XX	1	1	1	2825	0.000	4.40E-03	**1.56E-06**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	1	2825	0.000	1.90E-03	**6.73E-07**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	2	38	0.053	2.10E-02	**1.11E-03**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	5	20	0.250	7.40E-03	**1.85E-03**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **1.37E-02**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5166
	Fire Compartment	F5166	D-G Electrical Equipment B

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	DGR	
	Plant Location Description	Diesel Generator Rooms	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **1.97E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5167
	Fire Compartment	F5167	Reserve Auxiliary Transformer B

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	1	9	0.111	6.00E-03	**6.67E-04**
28	Transformer - Non Catastrophic	TY	0	1	1	8	0.125	1.20E-02	**1.50E-03**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.36E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5168
	Fire Compartment	F5168	Unit Auxiliary Transformer B

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	1	9	0.111	6.00E-03	**6.67E-04**
28	Transformer - Non Catastrophic	TY	0	1	1	8	0.125	1.20E-02	**1.50E-03**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.36E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5301
	Fire Compartment	F5301	Battery C

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	BR	
	Plant Location Description	Battery Room	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	2	526	0.004	2.00E-03	**7.60E-06**
12	Cable Run	XX	1	1	2	2825	0.001	4.40E-03	**3.12E-06**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	2	2825	0.001	1.90E-03	**1.35E-06**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.09E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5302
	Fire Compartment	F5302	Electrical Equipment C

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	1	15	0.067	7.50E-04	**5.00E-05**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	1	15	0.067	1.80E-03	**1.20E-04**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	2	526	0.004	2.00E-03	**7.60E-06**
12	Cable Run	XX	1	1	2	2825	0.001	4.40E-03	**3.12E-06**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	9	457	0.020	4.50E-02	**8.86E-04**
16	High Energy Arcing Faults	XX	1	1	2	44	0.045	1.50E-03	**6.82E-05**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	2	2825	0.001	1.90E-03	**1.35E-06**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	6	65	0.092	9.90E-03	**9.14E-04**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.25E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5303
	Fire Compartment	F5303	Electronic Equipment

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	33	526	0.063	2.00E-03	**1.25E-04**
12	Cable Run	XX	1	1	33	2825	0.012	4.40E-03	**5.14E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	33	2825	0.012	1.90E-03	**2.22E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **3.96E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5350
	Fire Compartment	F5350	Lower Electrical Equipment A

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	64	526	0.122	2.00E-03	**2.43E-04**
12	Cable Run	XX	1	1	64	2825	0.023	4.40E-03	**9.97E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	6	457	0.013	4.50E-02	**5.91E-04**
16	High Energy Arcing Faults	XX	1	1	2	44	0.045	1.50E-03	**6.82E-05**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	64	2825	0.023	1.90E-03	**4.30E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **1.24E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5360
	Fire Compartment	F5360	Lower Electrical Equipment B

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	66	526	0.125	2.00E-03	**2.51E-04**
12	Cable Run	XX	1	1	66	2825	0.023	4.40E-03	**1.03E-04**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	6	457	0.013	4.50E-02	**5.91E-04**
16	High Energy Arcing Faults	XX	1	1	2	44	0.045	1.50E-03	**6.82E-05**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	66	2825	0.023	1.90E-03	**4.44E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **1.25E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5550
	Fire Compartment	F5550	Upper Electrical Equipment A

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	3	15	0.200	1.80E-03	**3.60E-04**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	23	526	0.044	2.00E-03	**8.75E-05**
12	Cable Run	XX	1	1	23	2825	0.008	4.40E-03	**3.58E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	51	457	0.112	4.50E-02	**5.02E-03**
16	High Energy Arcing Faults	XX	1	1	8	44	0.182	1.50E-03	**2.73E-04**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	23	2825	0.008	1.90E-03	**1.55E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	11	65	0.169	9.90E-03	**1.68E-03**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **7.67E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F5560
	Fire Compartment	F5560	Upper Electrical Equipment B

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	3	15	0.200	1.80E-03	**3.60E-04**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	23	526	0.044	2.00E-03	**8.75E-05**
12	Cable Run	XX	1	1	23	2825	0.008	4.40E-03	**3.58E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	50	457	0.109	4.50E-02	**4.92E-03**
16	High Energy Arcing Faults	XX	1	1	8	44	0.182	1.50E-03	**2.73E-04**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	23	2825	0.008	1.90E-03	**1.55E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	11	65	0.169	9.90E-03	**1.68E-03**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **7.57E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F7100
	Fire Compartment	F7100	Pump House

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	4	526	0.008	2.00E-03	**1.52E-05**
12	Cable Run	XX	1	1	4	2825	0.001	4.40E-03	**6.23E-06**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	4	8	0.500	4.60E-03	**2.30E-03**
15	Electrical Cabinets	XX	1	1	2	457	0.004	4.50E-02	**1.97E-04**
16	High Energy Arcing Faults	XX	1	1	1	44	0.023	1.50E-03	**3.41E-05**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	4	2825	0.001	1.90E-03	**2.69E-06**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	4	38	0.105	2.10E-02	**2.21E-03**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	1	65	0.015	9.90E-03	**1.52E-04**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **5.12E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F7300
	Fire Compartment	F7300	Service Water / Water Treatment Building

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	16	526	0.030	2.00E-03	**6.08E-05**
12	Cable Run	XX	1	1	16	2825	0.006	4.40E-03	**2.49E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	4	8	0.500	4.60E-03	**2.30E-03**
15	Electrical Cabinets	XX	1	1	4	457	0.009	4.50E-02	**3.94E-04**
16	High Energy Arcing Faults	XX	1	1	2	44	0.045	1.50E-03	**6.82E-05**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	16	2825	0.006	1.90E-03	**1.08E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	4	38	0.105	2.10E-02	**2.21E-03**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	2	65	0.031	9.90E-03	**3.05E-04**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	4	20	0.200	7.40E-03	**1.48E-03**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **7.05E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F9150
	Fire Compartment	F9150	Cable Tunnel A

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	84	526	0.160	2.00E-03	**3.19E-04**
12	Cable Run	XX	1	1	84	2825	0.030	4.40E-03	**1.31E-04**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	84	2825	0.030	1.90E-03	**5.65E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **7.04E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area F9160
	Fire Compartment	F9160	Cable Tunnel B

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	117	526	0.222	2.00E-03	**4.45E-04**
12	Cable Run	XX	1	1	117	2825	0.041	4.40E-03	**1.82E-04**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	117	2825	0.041	1.90E-03	**7.87E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **9.03E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area FDPS
	Fire Compartment	FDPS	DPS Room (assumed)

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	CAR	
	Plant Location Description	Control/Auxiliary/Reactor Building	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	50	2094	0.024	1.60E-03	**3.82E-05**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	9.70E-03	**1.87E-04**
07	Transients (Cntrl/Aux/Rx Building)	CAR	1	1	1	52	0.019	3.90E-03	**7.50E-05**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	50	2825	0.018	4.40E-03	**7.79E-05**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	1	457	0.002	4.50E-02	**9.85E-05**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	50	2825	0.018	1.90E-03	**3.36E-05**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	0	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	0	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **5.10E-04**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area FFPE
	Fire Compartment	FFPE	Fire pump enclosure (primary)

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	3	526	0.006	2.00E-03	**1.14E-05**
12	Cable Run	XX	1	1	3	2825	0.001	4.40E-03	**4.67E-06**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	3	2825	0.001	1.90E-03	**2.02E-06**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	4	38	0.105	2.10E-02	**2.21E-03**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	1	75	0.013	4.90E-03	**6.53E-05**
25	Transients (Plant-Wide)	XX	1	1	1	75	0.013	9.90E-03	**1.32E-04**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **2.43E-03**

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)

Fire Compartment Ignition Source Data Sheet (ISDS)

Compartment Description

	Fire Area		Fire Area FSWYD
	Fire Compartment	FSWYD	Switchyard

Compartment Fire Ignition Frequency

Step 1.1	Plant Location ID	XX	
	Plant Location Description	Plant-Wide	
Step 1.2	Location Weighting Factor (WFL)	1.00E+00	Plant Location
	Location Weighting Factor (WFL)	1.00E+00	Plant Wide Components

Compartment Ignition Sources (FIF)		Plant Location	App. to This Area	Weighting Factor	Sources in Compartment	Sources in Plant Location	Weighting Factor	Fire Frequency	**Ignition Source Frequency**
Bin #	Ignition Source	L	APP	WFL	(A)	(B)	WFIS=(A)/(B)	(FF)	**(FIF)**
01	Batteries	BR	1	1	0	15	0.000	7.50E-04	**0.00E+00**
02	Reactor Coolant Pump	COP	0	1	0	0	0.000	6.10E-03	**0.00E+00**
03	Transients and Hotwork	COP	0	1	0	0	0.000	2.00E-03	**0.00E+00**
04	Main Control Board	CR	0	1	0	0	0.000	2.50E-03	**0.00E+00**
05	Cable Fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	2094	0.000	1.60E-03	**0.00E+00**
06	Transient fires caused by welding and cutting (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	9.70E-03	**0.00E+00**
07	Transients (Cntrl/Aux/Rx Building)	CAR	0	1	0	52	0.000	3.90E-03	**0.00E+00**
08	Diesel Generators	DGR	1	1	0	2	0.000	2.10E-02	**0.00E+00**
09	Air Compressors	XX	1	1	0	4	0.000	2.40E-03	**0.00E+00**
10	Battery Chargers	XX	1	1	0	15	0.000	1.80E-03	**0.00E+00**
11	Cable Fires caused by welding and cutting (Plant-Wide)	XX	1	1	0	526	0.000	2.00E-03	**0.00E+00**
12	Cable Run	XX	1	1	0	2825	0.000	4.40E-03	**0.00E+00**
13	Dryers	XX	1	1	0	2	0.000	2.60E-03	**0.00E+00**
14	Electric Motors	XX	1	1	0	8	0.000	4.60E-03	**0.00E+00**
15	Electrical Cabinets	XX	1	1	0	457	0.000	4.50E-02	**0.00E+00**
16	High Energy Arcing Faults	XX	1	1	0	44	0.000	1.50E-03	**0.00E+00**
17	Hydrogen Tanks	XX	1	1	0	2	0.000	1.70E-03	**0.00E+00**
18	Junction Boxes	XX	1	1	0	2825	0.000	1.90E-03	**0.00E+00**
19	Misc. Hydrogen Fires	XX	1	1	0	0	0.000	2.50E-03	**0.00E+00**
20	Off-gas/H2 Recombiner (BWR)	XX	1	1	0	2	0.000	4.40E-02	**0.00E+00**
21	Pumps	XX	1	1	0	38	0.000	2.10E-02	**0.00E+00**
22	RPS MG Sets	XX	0	1	0	0	0.000	1.60E-03	**0.00E+00**
23a	Transformers (oil filled)	XX	1	1	0	0	0.000	9.90E-03	**0.00E+00**
23b	Transformers (dry)	XX	1	1	0	65	0.000	9.90E-03	**0.00E+00**
24	Transient fires caused by welding and cutting (Plant-Wide)	XX	1	1	0	75	0.000	4.90E-03	**0.00E+00**
25	Transients (Plant-Wide)	XX	1	1	0	75	0.000	9.90E-03	**0.00E+00**
26	Ventilation Subsystems	XX	1	1	0	20	0.000	7.40E-03	**0.00E+00**
27	Transformer - Catastrophic	TY	0	1	0	9	0.000	6.00E-03	**0.00E+00**
28	Transformer - Non Catastrophic	TY	0	1	0	8	0.000	1.20E-02	**0.00E+00**
29	Yard Transformers (others)	TY	0	1	0	1	0.000	2.20E-03	**0.00E+00**
30	Boiler	TB	0	1	0	2	0.000	1.10E-03	**0.00E+00**
31	Cable Fires caused by welding and cutting (Turbine Building)	TB	0	1	0	205	0.000	1.60E-03	**0.00E+00**
32	Main Feedwater Pumps	TB	1	1	0	4	0.000	1.30E-02	**0.00E+00**
33	Turbine Generator Excitor	TB	0	1	0	1	0.000	3.90E-03	**0.00E+00**
34	Turbine Generator Hydrogen	TB	0	1	0	1	0.000	6.50E-03	**0.00E+00**
35	Turbine Generator Oil	TB	0	1	0	1	0.000	9.50E-03	**0.00E+00**
36	Transient fires caused by welding and cutting (Turbine Building)	TB	0	1	0	21	0.000	8.20E-03	**0.00E+00**
37	Transients (Turbine Building)	TB	0	1	0	21	0.000	8.50E-03	**0.00E+00**

Compartment Fire Frequency (FL) **1.80E-02** <== Not calculated - based on RES/OERAB/S02-01 Table ES-1

Notes:
(A) Number of Ignition Sources in Compartment
(B) Total Number of Ignition Sources in Selected Plant Location or in Plant for Plant Wide Components

*Ignition Source Frequency: FIF = WFL*WFIS*FF*
Compartment Fire Frequency: FL = SUM(FIF)