

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
398	9/7/1983	Plant-Wide Components	Cable Run	Low Power Operation	Undetermined	12	Cable	2
510	2/1/1986	Plant-Wide Components	Cable Run	Power Operation	Challenging	12	Cable	10
681	3/9/1988	Plant-Wide Components	Cable Run	Low Power Operation	Challenging	12	Cable	15
2361	3/10/1986	Plant-Wide Components	Cable Run	Power Operation	Undetermined	12	Cable	2
101	9/3/2000	Containment (PWR)	Transients and hotwork (LPSD)	RF	PC	3P	Containment	29
109	4/24/2001	Containment (PWR)	Transients and hotwork (LPSD)	RF	PC	3P	Containment	2
120	4/7/2003	Containment (PWR)	Transients and hotwork (LPSD)	RF	PC	3P	Containment	33
133	5/4/2005	Containment (PWR)	Transients and hotwork (LPSD)	RF	PC	3P	Containment	20
270	11/18/2005	Containment (PWR)	Transients and hotwork (LPSD)	RF	PC	3P	Containment	8
275	10/14/2003	Containment (PWR)	Transients and hotwork (LPSD)	RF	PC	3P	Containment	2
10516	11/20/2001	Containment (PWR)	Transient and hotwork (LPSD)	RF	PC	3P	Containment	10
30317	4/18/2005	Containment (PWR)	Transients and hotwork (LPSD)	RF	PC	3P	Containment	2
30363	5/5/2003	Containment (PWR)	Transients and hotwork (LPSD)	RF	PC	3P	Containment	2
30370	10/31/2005	Containment (PWR)	Transients and hotwork (LPSD)	RF	PC	3P	Containment	2
30392	3/20/2000	Containment (BWR)	Transients and hotwork (LPSD)	RF	U	3B	Containment	9
30407	4/30/2002	Containment (PWR)	Transients and hotwork (LPSD)	RF	PC	3P	Containment	5
30412	4/25/2002	Containment (PWR)	Transients and hotwork (LPSD)	RF	PC	3P	Containment	1
30437	10/6/2000	Containment (PWR)	Transients and hotwork (LPSD)	CD	PC	3P	Containment	10
50361	4/11/2001	Containment (PWR)	Transients and hotwork (LPSD)	CD	PC	3P	Containment	2
50425	3/16/2000	Containment (PWR)	Transients and hotwork (LPSD)	RF	PC	3P	Containment	2
50449	2/21/2006	Containment (PWR)	Transients and hotwork (LPSD)	RF	U	3P	Containment	2

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
50543	3/27/2001	Containment (PWR)	Transients and hotwork (LPSD)	RF	PC	3P	Containment	8
50686	4/4/2007	Containment (PWR)	Transients and hotwork (LPSD)	RF	U	3P	Containment	2
50896	5/13/2007	Containment (BWR)	Transients and hotwork (LPSD)	RF	U	3B	Containment	2
17	6/28/1990	Plant-Wide Components	Ventilation Subsystems	RF	PC	26	Containment	29
22	12/3/1990	Containment (BWR)	Transients and hotwork (LPSD)	RF	CH	3B	Containment	76
26	2/14/1991	Containment (PWR)	Transient and hotwork (LPSD)	RF	CH	3P	Containment	8
66	7/11/1994	Containment (PWR)	Reactor Coolant Pump	PO	PC	2	Containment	10
90	10/17/1996	Containment (PWR)	Reactor Coolant Pump	HD	CH	2	Containment	16
237	3/19/1993	Containment (PWR)	Transient and hotwork (LPSD)	RF	PC	3P	Containment	2
241	11/3/1993	Containment (BWR)	Transients and hotwork (LPSD)	RF	PC	3B	Containment	2
243	12/1/1993	Containment (BWR)	Transients and hotwork (LPSD)	RF	PC	3B	Containment	2
20266	2/19/1990	Containment (BWR)	Transients and hotwork (LPSD)	RF	U	3B	Containment	2
20306	12/30/1993	Containment (BWR)	Transients and hotwork (LPSD)	RF	U	3B	Containment	2
20348	4/16/1994	Containment (BWR)	Transients and hotwork (LPSD)	RF	U	3B	Containment	2
485	8/24/1985	Containment (PWR)	Reactor Coolant Pump	Power Operation	Challenging	2	Containment (PWR)	24
1488	10/21/1987	Containment (PWR)	Reactor Coolant Pump	Power Operation	Undetermined	2	Containment (PWR)	2
30429	5/6/2004	Containment (PWR)	Reactor Coolant Pump	RF	PC	2	Containment (PWR, LPSD) or Oil	5
10389	9/8/2003	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	4	Control Room	2
10407	6/3/2007	Control Room	Main Control Board	PO	PC	4	Control Room	2
30276	7/24/2006	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Control room	2
50553	5/2/2003	Plant-Wide Components	Electrical Cabinets (non HEAF)	RF	PC	4	Control room	2
84	4/19/1996	Control Room	Main Control Board	PO	PC	4	Control Room	10
202	3/23/1990	Control Room	Main Control Board	PO	PC	4	Control Room	2

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
236	1/6/1993	Control/Auxiliary/ Reactor Building	Transients	PO	U	7	Control room	2
659	12/30/1987	Plant-wide components	Electrical Cabinets	Power Operation	Undetermined	15.1	Control Room	2
756	10/14/1988	Plant-wide components	Electrical Cabinets	Low Power Operation	Challenging	15.1	Control Room	1
928	3/1/1989	Control Room	Main Control Board	Power Operation	Challenging	4	Control Room	2
117	10/9/2002	Plant-Wide Components	Pumps	PO	U	21	Electrical	23
121	4/26/2003	Plant-Wide Components	Pumps	PO	U	21	Electrical	37
131	1/14/2005	Plant-Wide Components	Electrical cabinets (non HEAF)	PO	PC	15	Electrical	23
135	8/25/2005	Plant-Wide Components	Pumps	PO	PC	21	Electrical	13
144	10/30/2006	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	4
146	2/27/2007	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	23
161	4/22/2009	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	5
169	11/13/2003	Plant-Wide Components	Pumps	PO	PC	21	Electrical	2
175	11/22/2009	Plant-Wide Components	Electrical Cabinets (non HEAF)	CD	CH	15	Electrical	45
303	3/1/2000	Plant-Wide Components	Electrical Cabinets (non HEAF)	CD	PC	15	Electrical	2
320	10/24/2000	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	2
346	3/1/2002	Plant-Wide Components	Electric Motors	RF	PC	14	Electrical	2
356	4/19/2006	Plant-Wide Components	Ventilation Subsystems	CD	PC	26	Electrical	8
381	3/6/2005	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	13
517	3/23/2006	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	15
520	6/6/2006	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	8
591	7/19/2006	Plant-Wide Components	Ventilation Subsystems	PO	PC	26	Electrical	2
603	11/14/2007	Plant-Wide Components	Ventilation Subsystems	PO	PC	26	Electrical	10
606	10/31/2006	Plant-Wide Components	Ventilation Subsystems	RF	PC	26	Electrical	2
607	11/13/2008	Plant-Wide Components	Ventilation Subsystems	CD	U	26	Electrical	17

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
10334	3/30/2000	Containment (PWR)	Transients and hotwork (LPSD)	RF	U	3P	Electrical	2
10397	10/12/2005	Plant-Wide Components	Electric Motors	PO	PC	14	Electrical	2
10430	12/21/2000	Plant-Wide Components	Ventilation Subsystems	PO	PC	26	Electrical	8
10482	10/22/2006	Plant-Wide Components	Pumps	PO	U	21	Electrical	2
10605	1/31/2006	Plant-Wide Components	Ventilation Subsystems	PO	PC	26	Electrical	1
10611	8/20/2009	Plant-Wide Components	Pumps	PO	PC	21	Electrical	10
10626	12/11/2002	Plant-Wide Components	Pumps	PO	PC	21	Electrical	27
10630	6/6/2007	Plant-Wide Components	Air Compressors	PO	PC	9	Electrical	2
10715	2/5/2009	Turbine Building	Boiler	RF	PC	30	Electrical	2
20378	2/25/2000	Plant-Wide Components	Pumps	PO	PC	21	Electrical	12
20380	8/16/2000	Plant-Wide Components	Pumps	PO	PC	21	Electrical	21
20382	10/23/2000	Plant-Wide Components	Electrical Cabinets (non HEAF)	RF	PC	15	Electrical	2
20385	12/27/2000	Plant-Wide Components	Pumps	PO	PC	21	Electrical	2
30266	1/20/2009	Plant-Wide Components	Ventilation Subsystems	PO	NA	See FID 50728	Electrical	5
30302	1/26/2007	Plant-Wide Components	Electric Motors	PO	PC	14	Electrical	2
30312	3/29/2003	Plant-Wide Components	Pumps	HS	PC	21	Electrical	2
30324	1/11/2007	Plant-Wide Components	Transformers	PO	PC	23	Electrical	2
30338	3/30/2006	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	U	15	Electrical	3
30340	11/10/2000	Plant-Wide Components	Air Compressors	PO	PC	9	Electrical	2
30344	1/23/2003	Plant-Wide Components	Air Compressors	PO	PC	9	Electrical	8
30362	12/16/2001	Plant-Wide Components	Pumps	RF	PC	21	Electrical	45
30410	10/25/2000	Plant-Wide Components	Pumps	PO	PC	21	Electrical	5
30422	11/27/2001	Plant-Wide Components	Pumps	PO	PC	21	Electrical	5
30469	11/11/2007	Plant-Wide Components	Transformers	PO	PC	23	Electrical	13
30478	9/9/2005	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	5
30513	5/27/2008	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	2
30541	7/6/2005	Plant-Wide Components	Ventilation Subsystems	PO	PC	26	Electrical	12
30593	2/7/2008	Plant-Wide Components	Transformers	PO	PC	23	Electrical	6

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
30734	8/26/2002	Plant-Wide Components	Junction Boxes	PO	PC	18	Electrical	10
50378	7/27/2005	Plant-Wide Components	Transformers	PO	PC	23	Electrical	10
50426	5/2/2000	Plant-Wide Components	Pumps	PO	PC	21	Electrical	13
50447	9/14/2005	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	14	Electrical	2
50473	6/26/2000	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	3
50504	5/20/2002	Plant-Wide Components	Transients	RF	PC	25	Electrical	2
50530	10/21/2008	Plant-Wide Components	Electrical Cabinets (non HEAF)	RF	PC	28	Electrical	4
50650	9/26/2003	Plant-Wide Components	Pumps	UN	U (NC-PC)	21	Electrical	2
50728	1/20/2009	Plant-Wide Components	Ventilation Subsystems	PO	PC	26	Electrical	5
50784	11/20/2005	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	U	15	Electrical	0
50820	10/23/2008	Plant-Wide Components	Junction Box	PO	PC	18	Electrical	7
50829	9/11/2004	Plant-Wide Components	Transformer (Plant-Wide Components)	PO	PC	23	Electrical	45
50871	1/24/2002	Plant-Wide Components	Pumps	PO	PC	21	Electrical	13
50874	7/12/2002	Plant-Wide Components	Electrical Cabinets (non HEAF)	CD	PC	15	Electrical	2
50876	11/13/2002	Plant-Wide Components	Junction Box	RF	PC	18	Electrical	25
50893	12/2/2005	Plant-Wide Components	Transformers	PO	PC	23	Electrical	13
9	1/3/1990	Plant-Wide Components	Transformers	PO	PC	23	Electrical	13
29	2/23/1991	Plant-Wide Components	Electrical Cabinets (non HEAF)	HS	PC	15	Electrical	6
38	3/21/1992	Plant-Wide Components	Electrical Cabinets (non HEAF)	CD	CH	15	Electrical	8
41	6/17/1992	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	14
45	7/29/1992	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	16
46	8/4/1992	Plant-Wide Components	Battery Chargers	PO	PC	10	Electrical	13
52	6/19/1993	Plant-Wide Components	Pumps	RF	PC	21	Electrical	10
69	8/29/1994	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	U	15	Electrical	10

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
83.2	4/4/1996	Plant-Wide Components	Electrical Cabinets (non HEAF)	RF	NA	NA	Electrical	25
89	10/15/1996	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	10
93	3/4/1997	Plant-Wide Components	RPS MG Sets	PO	PC	22	Electrical	10
97	6/10/1998	Plant-Wide Components	RPS MG Sets	PO	PC	22	Electrical	29
98	10/8/1998	Plant-Wide Components	Electrical Cabinets (non HEAF)	RF	PC	15	Electrical	46
159	1/16/1990	Plant-Wide Components	Pumps	PO	PC	21	Electrical	13
181	2/13/1997	Plant-Wide Components	Pumps	PO	PC	21	Electrical	10
187	8/16/1999	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	8
188	8/24/1999	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	13
203	4/6/1990	Plant-Wide Components	Electrical Cabinets (non HEAF)	RF	CH	15	Electrical	24
206	6/11/1990	Plant-Wide Components	Electrical Cabinets (non HEAF)	CD	U	15	Electrical	2
209	8/22/1990	Plant-Wide Components	Electrical cabinets (non HEAF)	PO	PC	15	Electrical	2
211	11/2/1990	Plant-Wide Components	Electrical Cabinets (non HEAF)	RF	PC	15	Electrical	2
219	9/27/1991	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	10
224	3/8/1992	Plant-Wide Components	Electrical Cabinets (non HEAF)	RF	U	15	Electrical	10
233	11/29/1992	Plant-Wide Components	Ventilation Subsystems	PO	PC	26	Electrical	2
235	12/30/1992	Plant-Wide Components	Ventilation Subsystems	PO	PC	26	Electrical	25
247	1/12/1994	Plant-Wide Components	Pumps	PO	PC	21	Electrical	22
249	3/7/1994	Plant-Wide Components	Ventilation Subsystems	RF	PC	26	Electrical	2
251	10/11/1994	Plant-Wide Components	Transformers	CD	PC	23	Electrical	2
253	7/6/1995	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	10
254	9/25/1995	Plant-Wide Components	Electrical Cabinets (non HEAF)	RF(1), PO(2)	PC	15	Electrical	4
255	11/19/1995	Plant-Wide Components	Transformers	RF(1), PO(2)	CH	23	Electrical	10
262	2/19/1999	Plant-Wide Components	Air Compressors	PO	PC	9	Electrical	2

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
20264	1/19/1990	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO/SD	U	15	Electrical	10
20270	6/7/1990	Plant-Wide Components	Electrical Cabinets (non HEAF)	RF	U	15	Electrical	2
20271	7/9/1990	Plant-Wide Components	Transformers	PO	U	23	Electrical	3
20272	9/10/1990	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO(1), SD(2)	U	15	Electrical	5
20278	11/24/1990	Plant-Wide Components	Ventilation Subsystems	PO	U	26	Electrical	2
20283	10/3/1991	Plant-Wide Components	Electric Motors	PO	U	14	Electrical	2
20287	2/29/1992	Plant-Wide Components	Electrical Cabinets (non HEAF)	RF(1), PO(2)	U	15	Electrical	5
20295	10/12/1992	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	U	15	Electrical	2
20298	1/11/1993	Plant-Wide Components	Electric Motors	PO(1), RF(2)	U	14	Electrical	2
20302	7/25/1993	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	U	15	Electrical	35
20314	12/19/1994	Plant-Wide Components	Electric Motors	PO	U	14	Electrical	10
20320	3/21/1996	Plant-Wide Components	Pumps	PO	U	21	Electrical	2
20324	8/12/1997	Plant-Wide Components	Ventilation Subsystems	PO	U	26	Electrical	2
20325	1/16/1998	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	U	15	Electrical	10
20328	5/6/1999	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	U	15	Electrical	2
20329	9/1/1999	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	U	15	Electrical	2
20344	2/20/1994	Plant-Wide Components	Electric Motors	RF	U	14	Electrical	10
20353	7/13/1994	Diesel Generator Room	Diesel Generators	PO	PC	8	Electrical	2
20356	2/19/1995	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	5
20360	5/25/1996	Plant-Wide Components	Transformers	PO/SD(2), SD(3)	PC	23	Electrical	13
20362	3/2/1997	Plant-Wide Components	Electrical Cabinets (non HEAF)	PO	PC	15	Electrical	2
20364	12/4/1997	Plant-Wide Components	Electric Motors	PO	U	14	Electrical	2
20368	6/7/1998	Plant-Wide Components	Air Compressors	PO	U	9	Electrical	2
20370	7/1/1998	Plant-Wide Components	Transformers	PO	U	23	Electrical	10

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
20372	11/23/1998	Plant-Wide Components	Electric Motors	CD	PC	14	Electrical	2
20374	3/19/1999	Plant-Wide Components	Ventilation Subsystems	PO	PC	26	Electrical	2
238	1/24/1981	Plant-Wide Components	Pumps	Power Operation	Challenging	21	Electrical	30
269	8/10/1981	Plant-Wide Components	Pumps	Power Operation	Challenging	21	Electrical	1
352	11/3/1982	Plant-Wide Components	Electrical Cabinets	Power Operation	Undetermined	15.1	Electrical	5
357	11/27/1982	Plant-Wide Components	Battery Chargers	Power Operation	Challenging	10	Electrical	4
388	6/19/1983	Plant-Wide Components	Pumps	Power Operation	Challenging	21	Electrical	4
418	4/28/1984	Plant-Wide Components	Battery Chargers	Low Power Operation	Challenging	10	Electrical	60
469	5/2/1985	Plant-Wide Components	Electrical Cabinets	Low Power Operation	Challenging	15.1	Electrical	11
484	8/14/1985	Plant-Wide Components	Electrical Cabinets	Power Operation	Challenging	15.1	Electrical	15
490	10/11/1985	Plant-Wide Components	Electric Motors	Undetermined	Undetermined	14	Electrical	11
493	10/31/1985	Plant-Wide Components	Electrical Cabinets	Power Operation	N/A	15.1	Electrical	1
498	12/3/1985	Plant-Wide Components	Electrical Cabinets	Power Operation	Challenging	15.1	Electrical	10
505	1/8/1986	Plant-Wide Components	Pumps	Low Power Operation	Undetermined	21	Electrical	36
513	2/19/1986	Plant-Wide Components	Electrical Cabinets	Low Power Operation	Undetermined	15.1	Electrical	6
516	3/8/1986	Plant-Wide Components	Electrical Cabinets	Low Power Operation	Undetermined	15.1	Electrical	8
518	3/22/1986	Plant-Wide Components	Pumps	Low Power Operation	Undetermined	21	Electrical	1
522	4/17/1986	Plant-Wide Components	Electrical Cabinets	Low Power Operation	Challenging	15.1	Electrical	10
529	6/22/1986	Plant-Wide Components	Electrical Cabinets	Power Operation	Undetermined	15.1	Electrical	1
541	9/19/1986	Plant-Wide Components	Electrical Cabinets	Power Operation	Challenging	15.1	Electrical	10
544	10/14/1986	Plant-Wide Components	Ventilation Subsystems	Undetermined	Challenging	26	Electrical	12
551	12/16/1986	Plant-Wide Components	Transformers	Power Operation	Challenging	23	Electrical	1
557	1/31/1987	Plant-Wide Components	RPS MG sets	Low Power Operation	Challenging	22	Electrical	30
572	3/14/1987	Plant-Wide Components	Pumps	Power Operation	Challenging	21	Electrical	8
608	6/17/1987	Plant-Wide Components	Electrical Cabinets	Low Power Operation	Challenging	15.1	Electrical	1
611	7/2/1987	Plant-Wide Components	RPS MG sets	Low Power Operation	Challenging	22	Electrical	12
614	7/10/1987	Plant-Wide Components	Transformers	Power Operation	Challenging	23	Electrical	3
625	9/17/1987	Plant-Wide Components	Ventilation Subsystems	Power Operation	Challenging	26	Electrical	14
642	11/4/1987	Plant-Wide Components	Electrical Cabinets	Power Operation	Challenging	15.1	Electrical	50
644	11/10/1987	Diesel Generator Room	Diesel Generators	Undetermined	Challenging	8	Electrical	10

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
654	12/11/1987	Plant-Wide Components	Electrical Cabinets	Power Operation	Challenging	15.1	Electrical	1
656	12/17/1987	Plant-Wide Components	RPS MG sets	Power Operation	Challenging	22	Electrical	30
665	1/19/1988	Plant-Wide Components	Junction Boxes	Low Power Operation	Challenging	18	Electrical	10
667	1/28/1988	Plant-Wide Components	Electrical Cabinets	Low Power Operation	Challenging	15.1	Electrical	7
673	2/8/1988	Plant-Wide Components	Electrical Cabinets	Low Power Operation	Challenging	15.1	Electrical	2
708	5/10/1988	Plant-Wide Components	Electrical Cabinets	Low Power Operation	Undetermined	15.1	Electrical	8
726	6/11/1988	Plant-Wide Components	Electric Motors	Low Power Operation	Challenging	14	Electrical	17
735	7/21/1988	Plant-Wide Components	Pumps	Power Operation	Challenging	21	Electrical	13
745	8/17/1988	Plant-Wide Components	Junction Boxes	Power Operation	Challenging	18	Electrical	10
755	10/5/1988	Plant-Wide Components	Pumps	Power Operation	Challenging	21	Electrical	3
792	7/15/1988	Plant-Wide Components	Iso-phase ducts	Power Operation	Challenging	16.2	Electrical	5
914	11/20/1985	Plant-Wide Components	Pumps	Low Power Operation	Challenging	21	Electrical	23
922	7/10/1987	Plant-Wide Components	Bus Duct	Power Operation	Challenging	16.1	Electrical	3
942	3/5/1989	Plant-Wide Components	Electrical Cabinets	Power Operation	Challenging	15.1	Electrical	15
1053	8/19/1989	Plant-Wide Components	Electrical Cabinets	Power Operation	Challenging	15.1	Electrical	7
1097	11/15/1986	Plant-Wide Components	Ventilation Subsystems	Low Power Operation	Undetermined	26	Electrical	95
1100	4/18/1989	Plant-Wide Components	Ventilation Subsystems	Power Operation	Undetermined	26	Electrical	5
1124	10/7/1986	Plant-Wide Components	Electric Motors	Undetermined	Undetermined	14	Electrical	4
1129	2/15/1989	Plant-Wide Components	Transformers	Low Power Operation	Undetermined	23	Electrical	1
1133	11/7/1989	Plant-Wide Components	Electrical Cabinets	Undetermined	Undetermined	15.1	Electrical	5
1337	3/31/1989	Plant-Wide Components	Ventilation Subsystems	Low Power Operation	Challenging	26	Electrical	9
1487	4/17/1987	Plant-Wide Components	Ventilation Subsystems	Power Operation	Challenging	26	Electrical	2
1489	10/26/1987	Plant-Wide Components	Electrical Cabinets	Low Power Operation	Challenging	15.1	Electrical	2
2445	10/5/1987	Plant-Wide Components	Pumps	Undetermined	Undetermined	21	Electrical	2
2447	8/1/1987	Plant-Wide Components	Electrical Cabinets	Undetermined	Undetermined	15.1	Electrical	2
2476	1/23/1989	Plant-Wide Components	Ventilation Subsystems	Undetermined	Undetermined	26	Electrical	10
30327	3/6/2009	Plant-Wide Components	Pumps	PO	PC	21	Electrical	10
30354	2/8/2005	Plant-Wide Components	Transients	PO	U (NC-PC)	SB4	Exclude	19
50494	2/5/2009	Plant-Wide Components	Transients	PO	CH	SB4	Exclude	16
33	8/1/1991	Transformer Yard	Yard Transformers (Others)	PO	PC	SB4	Exclude	183

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
20319	8/15/1995	Plant-Wide Components	Pumps	RF	U	21	Exclude	2
20323	1/8/1997	Plant-Wide Components	RPS MG sets	PO	NC	NC	Exclude	46
8	5/7/2000	Transformer Yard	Yard Transformers (Others)	PO	PC	29	Excluded	30
111	8/2/2001	Transformer Yard	Transformer - Catastrophic	PO	CH	27	Excluded	22
113	6/12/2002	Transformer Yard	Yard Transformers (Others)	PO	CH	SB4	Excluded	46
118	1/15/2003	Transformer Yard	Transformer - Catastrophic	PO	CH	27	Excluded	35
132	3/4/2005	Turbine Building	Transients fires caused by welding and cutting	RF	NC	NC	Excluded	64
375	10/16/2009	Plant-Wide Components	Pumps	CD	NC	NC	Excluded	2
10599	3/25/2006	Diesel Generator Room	Diesel Generators	PO	PC	SB4	Excluded	2
40749	6/13/2008	Turbine Building	Transients fires caused by welding and cutting	PO	CH	36	Excluded	9
42	7/3/1992	Plant-Wide Components	Transients	PO	PC	SB4	Excluded	12
49	9/15/1992	Transformer Yard	Yard Transformers (Others)	PO	CH	SB4	Excluded	77
65	7/2/1994	Plant-Wide Components	Ignition source is specified but it doesn't belong to any bin	PO	CH	SB4	Excluded	31
200	2/6/1990	Plant-Wide Components	Transient fires caused by welding and cutting	CD	PC	SB4	Excluded	7
20304	11/2/1993	Control/Auxiliary/ Reactor Building	Transients	CD	PC	NC	Excluded	2
150	4/25/2007	Plant-Wide Components	Hydrogen Tanks	PO	CH	17	Flammable Gas	28
10576	7/26/2006	Plant-Wide Components	Misc. Hydrogen Fires	PO	PC	19	Flammable Gas	2
30597	2/5/2009	Plant-Wide Components	Misc. Hydrogen Fires	PO	PC	19	Flammable gas	5
3	1/14/1999	Plant-Wide Components	Hydrogen Tanks	PO	CH	17	Flammable gas	52
20365	1/13/1998	Plant-Wide Components	Off-gas/H2 Recombiner (BWR)	PO	PC	20	Flammable gas	20
433	7/20/1984	Plant-Wide Components	Hydrogen Tanks	Power Operation	Challenging	17	Flammable Gas	46

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
512	2/17/1986	Plant-Wide Components	Misc. Hydrogen Fires	Power Operation	Challenging	19	Flammable Gas	9
112	8/3/2001	Plant-Wide Components	HEAF medium voltage electrical cabinet (>1000 V)	PO	PC	16.b	HEAF	90
18	7/13/1990	Plant-Wide Components	HEAF for medium voltage electrical cabinet (>1000 V)	CD	PC	16.b	HEAF	10
74	6/10/1995	Plant-Wide Components	HEAF for medium voltage electrical cabinet (>1000 V)	PO	CH	16.b	HEAF	136
20284	10/14/1991	Plant-Wide Components	HEAF for medium voltage electrical cabinet (>1000 V)	RF	U	16.b	HEAF	2
947	1/3/1989	Plant-Wide Components	Electrical Cabinets with HEAF	Power Operation	Challenging	16.b	High-Energy Arcing Faults	59
83.1	4/4/1996	Plant-Wide Components	Electrical Cabinets (non HEAF)	RF	PC	15	MCR	9
288	10/10/2006	Plant-Wide Components	Pumps	RF	NC	NA	N/A	3
335	8/3/2007	Diesel Generator Room	Diesel Generators	PO	NA	NA	N/A	6
10386	3/1/2003	Plant-Wide Components	Crane	PO	U	SB2	N/A	2
20383	11/5/2000	Plant-Wide Components	Lighting, ballast or electric outlet	RF	U	SB1	N/A	10
30296	11/22/2002	Plant-Wide Components	Lighting, ballast or electric outlet	RF	PC	SB1	N/A	10
30341	1/2/2001	Plant-Wide Components	Under capacity component	PO	PC	SB3	N/A	10
30425	10/7/2002	Plant-Wide Components	Ventilation Subsystems	PO	NA	NA	N/A	3
50570	6/21/2004	Plant-Wide Components	Pumps	PO	NC	NA	N/A	8
50732	11/7/2002	Plant-Wide Components	Ignition source is specified but it doesn't belong to any bin	RF	NC	N/A	N/A	10

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
50744	8/3/2001	Plant-Wide Components	Ignition source is specified but it doesn't belong to any bin	PO	PC	SB4	N/A	10
50866	3/28/2001	Plant-Wide Components	Lighting, ballast or electric outlet	PO	PC	SB1	N/A	8
50899	10/27/2008	Plant-Wide Components	Ignition source is specified but it doesn't belong to any bin	PO	CH	SB4	N/A	2
59	1/29/1994	Plant-Wide Components	Ignition source is specified but it doesn't belong to any bin	CD	CH	SB4	N/A	20
242	11/13/1993	Plant-Wide Components	Ignition source is specified but it doesn't belong to any bin	PO	U	SB4	N/A	10
20350	6/9/1994	Plant-Wide Components	Crane	CD	U	SB2	N/A	8
139	2/24/2006	Plant-Wide Components	Ignition source is specified but it doesn't belong to any bin	PO	PC	SB4	NA	153
141	5/1/2006	Plant-Wide Components	Ignition source is specified but it doesn't belong to any bin	PO	PC	SB4	NA	11
143	8/15/2006	Plant-Wide Components	Ignition source is specified but it doesn't belong to any bin	PO	PC	SB4	NA	36
30292	6/17/2001	Exclude	Exclude	PO	PC	SB4	NA	2
30358	8/2/2007	Plant-Wide Components	Electrical cabinets (non HEAF)	PO	PC	SB4	NA	2
30516	6/25/2005	Transformer Yard	Switch Yard Breaker	PO	U (PC-CH)	SB4	NA	13
30517	7/29/2005	Exclude	Exclude	PO	NC	NA	NA	13
50457	7/28/2007	Transformer Yard	Switch Yard Breaker	PO	CH	SB4	NA	102
50703	8/22/2000	Exclude or Transformer Yard	Exclude or Transformer - Catastrophic	PO	CH	SB4	NA	85

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
50358	6/1/2000	Plant-Wide Components	Transient fires caused by welding and cutting	PO	CH	SB4	NA	50
50898	2/29/2008	Plant-Wide Components	Electrical cabinets (non HEAF)	PO	PC	SB4	NA	2
128	8/31/2004	Plant-Wide Components	Pumps	PO	PC	21	Oil	8
172	12/7/2003	Turbine Building	Main Feedwater Pumps	PO	CH	32	Oil	20
333	5/11/2007	Diesel Generator Room	Diesel Generators	PO	PC	8	Oil	2
10331	3/24/2009	Diesel Generator Room	Diesel Generators	PO	PC	8	Oil	10
10489	4/6/2008	Diesel Generator Room	Diesel Generators	PO	CH	SB5	Oil	5
10514	8/26/2001	Diesel Generator Room	Diesel Generators	PO	PC	8	Oil	2
10515	9/30/2001	Diesel Generator Room	Diesel Generators	RF	PC	SB5	Oil	10
10522	11/2/2003	Diesel Generator Room	Diesel Generators	PO	PC	SB5	Oil	2
10524	1/7/2004	Diesel Generator Room	Diesel Generators	PO	PC	SB5	Oil	2
10558	1/19/2005	Plant-Wide Components	Air Compressors	RF	PC	9	Oil	12
10665	11/3/2000	Diesel Generator Room	Diesel Generators	PO	U	SB5	Oil	2
10708	9/22/2004	Diesel Generator Room	Diesel Generators	PO	U	SB5	Oil	2
10713	3/25/2007	Diesel Generator Room	Diesel Generators	PO	U	SB5	Oil	2
10720	4/8/2006	Diesel Generator Room	Diesel Generators	PO	U	SB5	Oil	2
10723	10/4/2007	Diesel Generator Room	Diesel Generators	PO	PC	SB5	Oil	2
30434	8/12/2007	Diesel Generator Room	Diesel Generators	PO	PC	8	Oil	11
30471	4/4/2008	Diesel Generator Room	Diesel Generators	PO	PC	8	Oil	2
30507	7/26/2005	Diesel Generator Room	Diesel Generators	PO	PC	8	Oil	2

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
24	12/22/1990	Turbine Building	Main Feedwater Pumps	PO	PC	32	Oil	20
34	8/11/1991	Turbine Building	Main Feedwater Pumps	PO	PC	32	Oil	11
44	7/13/1992	Turbine Building	Main Feedwater Pumps	PO	CH	32	Oil	13
71	3/1/1995	Turbine Building	Main Feedwater Pumps	PO	PC	32	Oil	23
87	8/19/1996	Plant-Wide Components	Pumps	PO	PC	21	Oil	2
95	10/9/1997	Diesel Generator Room	Diesel Generators	PO	PC	8	Oil	2
214	3/8/1991	Turbine Building	Boiler	RF	PC	30	Oil	6
226	4/17/1992	Diesel Generator Room	Diesel Generators	PO	U	8	Oil	2
20265	2/2/1990	Turbine Building	Main Feedwater Pumps	PO	U	32	Oil	5
20322	9/13/1996	Turbine Building	Main Feedwater Pumps	PO	U	32	Oil	46
20367	2/24/1998	Plant-Wide Components	Pumps	PO	PC	21	Oil	2
260	6/30/1981	Diesel Generator Room	Diesel Generators	Low Power Operation	Challenging	8	Oil	5
262	7/14/1981	Diesel Generator Room	Diesel Generators	Power Operation	Challenging	8	Oil	8
263	7/16/1981	Diesel Generator Room	Diesel Generators	Power Operation	Challenging	8	Oil	1
266	7/24/1981	Plant-Wide Components	Pumps	Power Operation	Challenging	21	Oil	15
296	1/9/1982	Plant-Wide Components	Ventilation Subsystems	Low Power Operation	Undetermined	26	Oil	45
476	6/26/1985	Turbine Building	Main Feedwater Pumps	Power Operation	Challenging	32	Oil	10
477	6/29/1985	Turbine Building	Main Feedwater Pumps	Power Operation	Challenging	32	Oil	10
508	1/25/1986	Diesel Generator Room	Diesel Generators	Low Power Operation	Challenging	8	Oil	1
524	5/10/1986	Containment (BWR)	Main Feedwater Pumps	Power Operation	Challenging	32	Oil	34
535	8/13/1986	Diesel Generator Room	Diesel Generators	Low Power Operation	Challenging	8	Oil	11
559	2/8/1987	Diesel Generator Room	Diesel Generators	Low Power Operation	Challenging	8	Oil	21

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
566	3/1/1987	Plant-Wide Components	Pumps	Low Power Operation	Challenging	21	Oil	30
662	1/8/1988	Turbine Building	Main Feedwater Pumps	Power Operation	Challenging	32	Oil	60
710	5/10/1988	Diesel Generator Room	Diesel Generators	Low Power Operation	Challenging	8	Oil	27
736	7/24/1988	Diesel Generator Room	Diesel Generators	Power Operation	Challenging	8	Oil	23
737	7/29/1988	Turbine Building	Main Feedwater Pumps	Power Operation	Challenging	32	Oil	7
765	11/27/1988	Diesel Generator Room	Diesel Generators	Low Power Operation	Undetermined	8	Oil	3
1108	6/6/1989	Plant-Wide Components	Air Compressors	Power Operation	Undetermined	9	Oil	4
1482	1/22/1986	Turbine Building	Main Feedwater Pumps	Power Operation	Challenging	32	Oil	5
1483	3/13/1986	Diesel Generator Room	Diesel Generators	Power Operation	Challenging	8	Oil	5
1485	7/20/1986	Diesel Generator Room	Diesel Generators	Low Power Operation	Challenging	8	Oil	5
495	11/2/1985	Plant-Wide Components	Pumps	Low Power Operation	Challenging	21	Oil (Deleted)	23
368	2/16/1983	Transformer Yard	Transformer - Non Catastrophic	Power Operation	Challenging	28	Outdoor Transformers	12
405	11/14/1983	Transformer Yard	Transformer - Non Catastrophic	Power Operation	Challenging	28	Outdoor Transformers	40
407	12/23/1983	Transformer Yard	Transformer - Catastrophic	Power Operation	Challenging	27	Outdoor Transformers	120
734	7/17/1988	Transformer Yard	Transformer - Non Catastrophic	Power Operation	Challenging	28	Outdoor Transformers	2
934	4/13/1986	Transformer Yard	Transformer - Non Catastrophic	Power Operation	Undetermined	28	Outdoor Transformers	120
126	5/21/2004	Transformer Yard	Yard transformers (Others)	PO	PC	29	Transformer yard	33
134	6/27/2005	Transformer Yard	Transformer - Catastrophic	PO	CH	27	Transformer Yard	27
137	10/29/2005	Transformer Yard	Transformer - Non-Catastrophic	PO	CH	28	Transformer Yard	28
148	4/6/2007	Transformer Yard	Transformer - Catastrophic	PO	CH	28	Transformer Yard	12
157	2/1/2009	Transformer Yard	Transformer - Catastrophic	PO	CH	27	Transformer Yard	31
30493	7/24/2008	Transformer Yard	Transformer - Catastrophic	PO	CH	28	Transformer yard	162
2	1/5/1999	Transformer Yard	Transformer - Catastrophic	PO	CH	27	Transformer yard	14

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
5	5/18/1999	Transformer Yard	Transformer - Non-Catastrophic	RF	PC	28	Transformer yard	22
20	8/25/1990	Transformer Yard	Transformer - Non-Catastrophic	PO	CH	28	Transformer yard	90
21	9/22/1990	Transformer Yard	Transformer - Catastrophic	PO	CH	27	Transformer yard	29
31	6/15/1991	Transformer Yard	Transformer - Non-Catastrophic	PO	U	28	Transformer yard	23
43	7/4/1992	Transformer Yard	Transformer - Non-Catastrophic	PO	CH	28	Transformer yard	23
48	9/4/1992	Transformer Yard	Transformer - Non-Catastrophic	PO	CH	28	Transformer yard	27
64	6/1/1994	Transformer Yard	Transformer - Non-Catastrophic	PO	CH	28	Transformer yard	10
76	10/21/1995	Transformer Yard	Transformer - Catastrophic	RF	CH	27	Transformer yard	30
79	2/5/1996	Transformer Yard	Transformer - Non-Catastrophic	RF	CH	28	Transformer yard	37
86	6/23/1996	Transformer Yard	Yard Transformers (Others)	PO	CH	29	Transformer Yard	18
88	10/5/1996	Transformer Yard	Yard Transformers (Others)	PO	CH	29	Transformer Yard	16
20352	6/23/1994	Transformer Yard	Transformer - Non-Catastrophic	PO	PC	28	Transformer yard	2
323	5/27/1982	Plant-Wide Components	Dryers	Power Operation	Challenging	13	Transient	20
464	3/29/1985	Control/Aux/Reactor Building	Transients	Undetermined	Challenging	7	Transient	5
567	3/2/1987	Plant-Wide Components	Transients	Power Operation	Challenging	25	Transient	4
577	3/27/1987	Turbine Building	Transients	Power Operation	Challenging	37	Transient	5
650	11/30/1987	Control/Aux/Reactor Building	Transients	Power Operation	Undetermined	7	Transient	1
653	12/10/1987	Plant-Wide Components	Transients	Power Operation	Challenging	25	Transient	15
704	4/20/1988	Plant-Wide Components	Dryers	Power Operation	Challenging	13	Transient	10
968	4/3/1989	Plant-Wide Components	Transients	Undetermined	Challenging	25	Transient	8
1050	1/1/1989	Turbine Building	Transients	Power Operation	Challenging	37	Transient	5
1119	2/23/1989	Turbine Building	Transients	Power Operation	Undetermined	37	Transient	1
1128	3/10/1988	Turbine Building	Transients	Power Operation	Undetermined	37	Transient	10

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
125	1/6/2004	Control/Auxiliary/ Reactor Building	Transients	PO	CH	7	Transients	22
266	11/9/2006	Turbine Building	Transients	PO	PC	37	Transients	10
10618	2/15/2000	Plant-Wide Components	Dryers	PO	PC	13	Transients	33
30277	12/3/2007	Turbine Building	Transients	PO	PC	37	Transients	2
30314	12/19/2001	Control/Auxiliary/Reactor Building	Transients	PO	PC	7	Transients	10
30322	10/28/2006	Turbine Building	Transients	RF	PC	37	Transients	2
30330	4/30/2000	Turbine Building	Transients	RF	PC	37	Transients	2
30350	7/26/2004	Turbine Building	Transients	PO	PC	37	Transients	7
30508	3/26/2009	Turbine Building	Transients	RF	PC	37	Transients	10
30512	2/15/2006	Turbine Building	Transients	RF	PC	37	Transients	2
30717	12/10/2002	Plant-Wide Components	Transients	PO	U	25	Transients	2
30752	4/3/2007	Turbine Building	Transients	PO	PC	37	Transients	9
50479	3/22/2000	Plant-Wide Components	Dryers	RF	PC	13	Transients	19
50771	5/6/2003	Plant-Wide Components	Dryers	PO	PC	13	Transients	2
50796	11/4/2009	Control/Auxiliary/Reactor Building	Transients	RF	PC	7	Transients	2
50809	11/9/2000	Control/Auxiliary/Reactor Building	Transients	RF	PC	7	Transients	2
23	12/19/1990	Turbine Building	Transients	PO	PC	37	Transients	40
81	3/25/1996	Plant-Wide Components	Transients	PO	U	25	Transients	23
82	3/27/1996	Plant-Wide Components	Ignition source is specified but it doesn't belong to any bin	RF	PC	36	Transients	14
96	10/28/1997	Plant-Wide Components	Transients	RF	PC	24	Transients	19
208	8/8/1990	Turbine Building	Transients	PO	PC	37	Transients	2
238	4/1/1993	Control/Auxiliary/ Reactor Building	Transients	PO	PC	7	Transients	2
244	12/7/1993	Turbine Building	Transients	RF	PC	37	Transients	2
246	1/12/1994	Control/Auxiliary/ Reactor Building	Transients	RF(1), SD(2)	CH	7	Transients	2

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
20277	11/16/1990	Control/Auxiliary/ Reactor Building	Transients	RF	U	7	Transients	6
20289	3/16/1992	Control/Auxiliary/ Reactor Building	Transients	RF(1), PO(2)	U	7	Transients	10
20301	4/13/1993	Turbine Building	Transients	PO	U	37	Transients	2
20303	10/14/1993	Plant-Wide Components	Transients	RF	PC	25	Transients	2
20313	9/29/1994	Plant-Wide Components	Transients	PO(1), PO(2)	U	25	Transients	25
20326	10/12/1998	Turbine Building	Transients	RF	U	37	Transients	2
20341	3/31/1993	Plant-Wide Components	Transients	RF	U	25	Transients	15
50608	5/28/1997	Control/Auxiliary/ Reactor Building	Transients	RF	U	7	Transients	2
115	8/22/2002	Turbine Building	T/G Hydrogen	PO	CH	34	Turbine Generator	18
122	4/29/2003	Turbine Building	T/G Oil	PO	CH	35	Turbine generator	15
130	12/14/2004	Turbine Building	T/G Oil	PO	PC	35	Turbine Generator	9
136	10/25/2005	Turbine Building	T/G Oil	HS	PC	35	Turbine Generator	13
154	9/20/2008	Turbine Building	T/G Hydrogen	PO	CH	34	Turbine Generator	23
160	2/7/2009	Turbine Building	T/G Hydrogen	PO	CH	34	Turbine Generator	18
10604	5/14/2001	Turbine Building	T/G Oil	PO	PC	35	Turbine Generator	14
36	11/9/1991	Turbine Building	T/G Hydrogen	PO	CH	34	Turbine Generator	15
56	10/21/1993	Turbine Building	T/G Oil	PO	PC	35	Turbine Generator	10
58	12/25/1993	Turbine Building	T/G Hydrogen	PO	CH	34	Turbine Generator	2
61	4/3/1994	Turbine Building	T/G Hydrogen	PO	CH	34	Turbine Generator	167
63	6/15/1994	Turbine Building	T/G Oil	CD	PC	35	Turbine Generator	85
67	7/29/1994	Turbine Building	T/G Oil	PO	PC	35	Turbine Generator	10
94	8/1/1997	Turbine Building	Turbine generator (T/G) Exciter	PO	PC	33	Turbine Generator	18
218	9/12/1991	Turbine Building	T/G Oil	PO	U	35	Turbine Generator	2
304	2/4/1982	Turbine Building	T/G Hydrogen	Power Operation	Challenging	34	Turbine Generator	20
326	6/11/1982	Turbine Building	T/G Excitor	Power Operation	Challenging	33	Turbine Generator	45
384	5/20/1983	Turbine Building	T/G Excitor	Power Operation	Challenging	33	Turbine Generator	20
401	9/19/1983	Turbine Building	T/G Oil	Power Operation	Challenging	35	Turbine Generator	5
402	9/25/1983	Turbine Building	T/G Oil	Power Operation	Challenging	35	Turbine Generator	1

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
487	9/12/1985	Turbine Building	T/G Excitor	Power Operation	Challenging	33	Turbine Generator	35
531	7/23/1986	Turbine Building	T/G Oil	Power Operation	Challenging	35	Turbine Generator	8
554	1/2/1987	Turbine Building	T/G Oil	Power Operation	Challenging	35	Turbine Generator	95
562	2/16/1987	Turbine Building	T/G Oil	Power Operation	Challenging	35	Turbine Generator	45
636	10/16/1987	Turbine Building	T/G Oil	Power Operation	Challenging	35	Turbine Generator	8
668	1/28/1988	Turbine Building	T/G Oil	Power Operation	Undetermined	35	Turbine Generator	217
809	12/23/1989	Turbine Building	T/G Oil	Power Operation	Challenging	35	Turbine Generator	44
926	1/20/1989	Turbine Building	T/G Hydrogen	Power Operation	Challenging	34	Turbine Generator	20
929	10/9/1989	Plant-Wide Components	Iso Phase Ducts	Power Operation	Challenging	16.2	Turbine Generator	160
940	10/2/1987	Turbine Building	T/G Oil	Power Operation	Challenging	35	Turbine Generator	25
129	11/6/2004	Turbine Building	Transients fires caused by welding and cutting	RF	PC	36	Welding	17
176	12/12/2009	Control/Auxiliary/ Reactor Building	Transients fires caused by welding and cutting	PO	PC	6	Welding	23
269	12/12/2000	Plant-Wide Components	Transients fires caused by welding and cutting	PO	PC	24	Welding	2
308	10/14/2005	Turbine Building	Transients fires caused by welding and cutting	RF	PC	36	Welding	2
598	10/12/2000	Plant-Wide Components	Transients fires caused by welding and cutting	CD	U	24	Welding	2
10286	5/10/2004	Turbine Building	Transients fires caused by welding and cutting	RF	PC	36	Welding	2
10287	5/19/2004	Turbine Building	Transients fires caused by welding and cutting	RF	U	36	Welding	2
10291.1	9/18/2004	Control/Auxiliary/ Reactor Building	Transient fires caused by welding and cutting	PO	PC	6	Welding	9
10291.2	9/18/2004	Control/Auxiliary/ Reactor Building	Transient fires caused by welding and cutting	PO	PC	6	Welding	11
10313	4/3/2009	Turbine Building	Transients fires caused by welding and cutting	RF	U	36	Welding	2

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
10579	4/4/2008	Turbine Building	Transients fires caused by welding and cutting	RF	U	36	Welding	2
10729	4/3/2009	Turbine Building	Transients fires caused by welding and cutting	CD	U	36	Welding	2
20381	10/17/2000	Control/Auxiliary/ Reactor Building	Transient fires caused by welding and cutting	RF	U	6	Welding	2
30270	3/16/2003	Turbine Building	Transients fires caused by welding and cutting	RF	PC	36	Welding	5
30357	6/20/2007	Control/Auxiliary/Reactor Building	Transient fires caused by welding and cutting	CD	U	6	Welding	8
30457	10/24/2006	Turbine Building	Transients fires caused by welding and cutting	RF	U	36	Welding	13
30740	2/6/2004	Plant-Wide Components	Transients fires caused by welding and cutting	PO	PC	24	Welding	8
50452	8/18/2006	Plant-Wide Components	Transients fires caused by welding and cutting	PO	U	24	Welding	4
50477	3/18/2000	Turbine Building	Transients fires caused by welding and cutting	RF	PC	36	Welding	2
50700	5/13/2000	Plant-Wide Components	Transient fires caused by welding and cutting	RF	PC	24	Welding	2
50733	4/23/2004	Turbine Building	Transients fires caused by welding and cutting	RF	U	36	Welding	2
50821	10/30/2008	Turbine Building	Transients fires caused by welding and cutting	RF	PC	36	Welding	18
50878	11/12/2002	Control/Auxiliary/Reactor Building	Transient fires caused by welding and cutting	RF	PC	6	Welding	13
50884	2/23/2004	Turbine Building	Transients fires caused by welding and cutting	PO	U	36	Welding	8
50895.1	5/13/2007	Turbine Building	Transient fires caused by welding and cutting	RF	PC	36	Welding	40

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
50895.2	5/13/2007	Turbine Building	Transient fires caused by welding and cutting	RF	PC	36	Welding	35
6	7/13/1999	Control/Auxiliary/ Reactor Building	Transient fires caused by welding and cutting	PO	PC	6	Welding	40
25	1/11/1991	Turbine Building	Transients fires caused by welding and cutting	PO	U	36	Welding	85
55	10/13/1993	Control/Auxiliary/ Reactor Building	Transient fires caused by welding and cutting	RF	PC	6	Welding	8
68	8/10/1994	Plant-Wide Components	Transients fires caused by welding and cutting	PO	PC	24	Welding	30
72	4/14/1995	Control/Auxiliary/ Reactor Building	Transient fires caused by welding and cutting	RF	CH	6	Welding	19
75	8/22/1995	Control/Auxiliary/ Reactor Building	Transient fires caused by welding and cutting	RF	PC	6	Welding	8
78	1/24/1996	Control/Auxiliary/ Reactor Building	Transient fires caused by welding and cutting	RF	CH	6	Welding	13
80	2/29/1996	Turbine Building	Transients fires caused by welding and cutting	CD	PC	36	Welding	23
91	11/19/1996	Plant-Wide Components	Transients fires caused by welding and cutting	PO	U	24	Welding	19
239	7/14/1993	Turbine Building	Transients fires caused by welding and cutting	PO	PC	36	Welding	25
248	3/5/1994	Turbine Building	Transients fires caused by welding and cutting	RF	PC	36	Welding	2
256	7/22/1996	Plant-Wide Components	Cable fires caused by welding and cutting	Decom (1), SD(2&3)	U	11	Welding	2
258	11/3/1997	Turbine Building	Transients fires caused by welding and cutting	RF	PC	36	Welding	2
20293	9/1/1992	Turbine Building	Transients fires caused by welding and cutting	PO	U	36	Welding	2

NUREG 2169 Suppression Data Set

Fire ID	Event Date	Location	Ignition Source	Power Mode	Fire Severity	Bin Designation	NSP Category	Suppression Time
20296	10/23/1992	Control/Auxiliary/ Reactor Building	Transient fires caused by welding and cutting	RF	U	6	Welding	10
20317	4/10/1995	Control/Auxiliary/ Reactor Building	Transient fires caused by welding and cutting	RF	U	6	Welding	2
20340	12/1/1992	Control/Auxiliary/ Reactor Building	Transient fires caused by welding and cutting	CD	U	6	Welding	2
20349	4/23/1994	Turbine Building	Transients fires caused by welding and cutting	RF	U	36	Welding	2
242	2/24/1981	Control/Aux/Reactor Building	Transient fires caused by welding and cutting	Power Operation	Challenging	6	Welding	2
257	6/3/1981	Control/Aux/Reactor Building	Transient fires caused by welding and cutting	Power Operation	Challenging	6	Welding	3
294	12/17/1981	Plant-Wide Components	Transient fires caused by welding and cutting	Undetermined	Undetermined	24	Welding	0
319	4/14/1982	Control/Aux/Reactor Building	Transient fires caused by welding and cutting	Power Operation	Challenging	6	Welding	2
413	2/13/1984	Turbine Building	Transient fires caused by welding and cutting	Power Operation	Challenging	36	Welding	0
474	6/14/1985	Turbine Building	Transient fires caused by welding and cutting	Power Operation	Challenging	36	Welding	5
700	4/15/1988	Turbine Building	Transient fires caused by welding and cutting	Power Operation	Challenging	36	Welding	15
751	9/27/1988	Turbine Building	Transient fires caused by welding and cutting	Undetermined	Challenging	36	Welding	10
1095	9/8/1986	Turbine Building	Transient fires caused by welding and cutting	Power Operation	Undetermined	36	Welding	2
2469	7/14/1988	Plant-Wide Components	Transient fires caused by welding and cutting	Undetermined	Challenging	24	Welding (Removed)	10