

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1776	11	5	0	0	0	35.2	-83	0	3.64	3.30	EPRI	MAIN	682.39	8
1777	11	16	7	0	0	36	-84	0	3.64	3.30	EPRI	MAIN	781.27	9
1780	2	6	0	0	0	30.4	-87.2	0	4.13	3.8	Added	MAIN	466.55	8001
1811	11	27	8	0	0	36.1	-80.2	0	3.64	3.30	EPRI	MAIN	813.99	22
1811	12	16	8	15	0	36	-89.96	0	7.24	7.20	EPRI	MAIN	1034.34	23
1816	7	25	15	0	0	36.6	-89.5	0	3.34	3.00	EPRI	MAIN	1056.63	28
1817	1	8	9	0	0	32.9	-80	0	5.10	5.00	EPRI		493.66	30
1818	8	14	14	36	0	36.09	-84.13	0	4.32	3.98	Added		793.22	33
1820	1	1	0	0	0	36.6	-89.5	0	3.34	3.00	EPRI	MAIN	1056.63	35
1820	9	3	8	30	0	33.4	-79.3	0	3.64	3.30	EPRI	MAIN	575.82	36
1824	8	22	0	0	0	34.83	-87.67	0	4.32	3.98	Added		798.61	44
1826	1	7	4	0	0	36.3	-89.4	0	4.32	3.98	Added		1025.18	46
1826	2	26	14	0	0	30.08	-81.56	0	3.64	3.3	Added	MAIN	151.81	8003
1827	5	11	0	0	0	36.1	-81.2	0	3.64	3.30	EPRI	MAIN	792.91	47
1828	3	9	0	0	0	37	-80	0	4.90	4.80	EPRI	MAIN	915.13	49
1841	12	28	5	50	0	36.6	-89.2	0	4.30	4.20	EPRI	MAIN	1039.68	60
1842	3	0	0	0	0	36.56	-89.19	0	4.74	4.40	Added		1035.62	61
1842	4	20	0	0	0	35.45	-94.35	0	4.86	4.52	Added		1316.41	5029
1842	5	7	15	0	0	30.77	-91.92	0	4.24	3.9	Added	MAIN	918.99	8004
1843	1	5	2	45	0	36.09	-90.36	0	5.50	5.40	EPRI	MAIN	1066.95	64
1843	8	1	2	0	0	34.77	-89.45	0	3.64	3.30	Added		905.02	66
1843	8	9	0	0	0	35.6	-87.1	0	4.20	4.10	EPRI	MAIN	839.51	67
1844	7	19	22	30	0	36	-89.4	0	4.98	4.88	Added		999.87	69
1844	11	28	8	0	0	35.79	-83.27	0	3.93	3.60	EPRI	MAIN	749.59	70
1845	12	24	3	30	0	35.5	-90.4	0	4.32	3.98	Added		1024.28	71
1846	5	8	17	0	0	36.6	-89.5	0	4.60	4.50	Added		1056.63	73
1849	3	13	17	0	0	36.4	-89.4	0	4.72	4.62	Added		1033.71	75
1850	4	5	2	5	0	37	-88	0	4.40	4.30	EPRI	MAIN	1014.96	76

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1851	7	2	16	49	0	36.7	-89.6	0	5.33	5.23	Added		1070.96	78
1852	1	23	20	0	0	34.9	-89.7	0	5.28	5.18	Added		931.79	79
1852	4	29	18	0	0	36.6	-81.6	0	5.00	4.90	EPRI	MAIN	842.69	81
1852	5	7	22	0	0	29.73	-84.99	0	4.14	3.8	Added	MAIN	240.86	8008
1852	5	10	8	0	0	29.73	-84.99	0	4.54	4.2	Added	MAIN	240.86	8009
1852	8	25	2	40	0	33.48	-82	0	3.64	3.30	Added		493.62	82
1852	11	11	1	0	0	33.09	-83.24	0	4.07	3.73	Added		450.53	84
1853	5	20	5	10	0	33.49	-81.96	0	4.33	4.00	EPRI	MAIN	495.2	87
1853	12	12	0	0	0	36.6	-89.2	0	4.20	4.10	EPRI	MAIN	1039.68	88
1854	3	20	6	15	0	32.82	-83.62	0	3.64	3.30	Added		427.37	93
1855	1	14	12	45	0	35.2	-90.2	0	3.36	3.02	Added		988.31	95
1855	2	2	8	0	0	37	-78.6	0	4.00	3.90	EPRI	MAIN	958.48	96
1855	5	1	3	33	0	37	-89.2	0	3.84	3.50	EPRI	MAIN	1075.07	98
1856	11	9	10	0	0	36.6	-89.5	0	4.20	4.10	EPRI	MAIN	1056.63	104
1857	3	1	22	45	0	33	-83.18	0	3.74	3.40	Added		439.88	107
1857	12	19	8	50	0	32.78	-80.73	0	4.44	4.10	EPRI	MAIN	450.03	109
1858	9	21	0	0	0	36.5	-89.2	0	4.10	4.00	EPRI	MAIN	1030.94	110
1860	1	19	18	0	0	33.68	-80.57	0	4.64	4.30	EPRI	MAIN	548.19	112
1860	4	24	20	0	0	34.92	-83.52	10	4.34	4.00	Added?		655.8	113
1860	10	22	5	0	0	34.13	-82.64	0	3.54	3.20	Added		562.39	115
1860	11	25	5	0	0	35.1	-90	0	3.36	3.02	Added		967.19	116
1861	1	3	16	30	0	35.09	-83.36	0	4.64	4.30	Added		672.83	117
1861	8	31	5	0	0	36.18	-82.3	0	5.30	5.20	EPRI	MAIN	791.08	119
1862	6	6	16	45	0	36.7	-89.2	0	5.15	5.05	Added		1048.46	120
1862	9	28	14	20	0	35.1	-90	0	4.32	4.22	Added		967.19	121
1862	10	3	10	40	0	35.1	-88.55	0	3.84	3.74	Added		873.38	122
1862	11	30	14	40	0	35.8	-89.2	0	4.89	4.79	Added		971.14	123
1863	5	25	0	0	0	36.76	-89.1	0	3.60	3.26	Added		1048.29	125
1864	12	24	7	0	0	35.12	-77.08	0	4.07	3.73	Added		852.15	128

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1865	8	17	15	0	0	35.4	-89.5	0	4.70	4.60	EPRI	MAIN	957.15	131
1866	10	13	16	0	0	35.1	-90	0	3.84	3.50	Added		967.19	134
1867	2	25	3	0	0	33.85	-89.9	10	4.24	3.90	Added		872.62	135
1867	5	16	15	0	0	37	-89.2	0	3.84	3.50	Added		1075.07	136
1867	9	25	6	0	0	35.98	-83.92	0	3.64	3.30	Added		777.86	138
1868	2	22	11	0	0	36.78	-81.75	7	3.74	3.40	Added		861.14	139
1868	7	11	21	0	0	33.43	-86.1	0	3.64	3.30	Added		586.84	140
1868	10	11	0	0	0	36.91	-80.32	0	4.07	3.73	Added		897.89	141
1868	11	28	19	0	0	31.31	-92.46	0	4.14	3.80	Added		981.44	142
1869	1	1	0	0	0	32.9	-80	0	3.64	3.30	EPRI	MAIN	493.66	143
1869	2	17	0	0	0	34.53	-90.6	0	4.07	3.73	Added		969.79	145
1869	5	27	0	0	0	32.84	-83.66	0	3.84	3.50	Added		430.4	148
1869	7	2	8	9	0	36	-89.4	0	5.38	5.28	Added		999.87	150
1869	7	14	13	30	0	35.79	-80.89	0	4.07	3.73	Added		764.64	151
1869	9	5	21	0	0	36.02	-83.42	0	4.14	3.80	Added		776.33	152
1869	11	6	0	40	0	35.22	-93.15	0	3.64	3.3	Added	MAIN	1208.04	8011
1869	12	21	8	0	0	35.11	-90.01	0	3.84	3.50	Added		968.62	153
1870	1	9	5	0	0	31.14	-92.29	11	4.54	4.20	Added		961.56	154
1870	12	14	0	0	0	36.6	-89.2	0	3.34	3.00	EPRI	MAIN	1039.68	155
1870	6--7	0	0	0	0	34.12	-93.07	0	3.60	3.26	Added		1141.67	5060
1871	1	29	12	0	0	34.12	-93.05	0	3.64	3.3	Added	MAIN	1140	8012
1871	5	22	0	0	0	33.46	-81.99	0	3.84	3.50	Added		491.53	156
1871	5	31	0	0	0	35.7	-90	0	3.36	3.02	Added		1013.07	157
1872	2	8	11	0	0	36	-89.4	0	3.34	3.00	EPRI	MAIN	999.87	160
1872	2	26	0	0	0	35.98	-83.92	0	3.64	3.30	Added		777.86	161
1872	3	2	4	30	0	32.02	-81.13	0	3.60	3.26	Added		357.46	162
1872	4	16	2	30	0	32.36	-88.7	11	4.20	4.10	Added		687.46	163
1872	6	17	14	30	0	33.06	-83.22	0	3.34	3.00	EPRI	MAIN	446.98	166
1872	12	7	12	0	0	36.71	-81.97	0	3.60	3.26	Added		851.67	167

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1873	5	3	21	0	0	36	-89.6	0	3.80	3.70	EPRI	MAIN	1012	170
1873	10	4	0	0	0	33	-83.9	0	3.54	3.20	Added		453.34	172
1874	3	0	0	0	0	35.93	-86.84	0	4.74	4.40	Added		859.55	174
1874	7	9	22	0	0	37	-89.2	0	3.34	3.00	EPRI	MAIN	1075.07	177
1875	4	10	0	0	0	35.29	-82.51	0	3.74	3.40	Added		691.55	178
1875	10	7	0	0	0	36.1	-89.6	0	4.20	4.10	EPRI	MAIN	1020.27	180
1875	10	28	3	0	0	34.75	-90.15	0	3.44	3.10	EPRI	MAIN	952.2	181
1875	11	1	22	30	0	33.49	-82.9	0	5.13	4.80	EPRI	MAIN	491.88	182
1875	11	12	7	0	0	36	-84	0	3.94	3.60	EPRI	MAIN	781.27	183
1876	3	19	0	0	0	34.77	-84.98	0	3.60	3.26	Added		671.67	185
1876	8	24	23	0	0	32.84	-83.66	0	4.07	3.73	Added		430.4	187
1876	12	11	19	30	0	35.7	-91.6	0	3.36	3.02	Added		1122.33	189
1876	12	12	0	0	0	32.9	-80	0	3.64	3.30	EPRI	MAIN	493.66	190
1877	5	25	0	0	0	36	-84	0	3.94	3.60	EPRI	MAIN	781.27	193
1877	7	15	0	40	0	36.8	-89.7	0	4.30	4.20	EPRI	MAIN	1085.29	195
1877	10	9	1	0	0	35.3	-82.5	0	3.44	3.10	Added		692.68	197
1877	11	16	7	38	0	35.5	-84	0	3.80	3.70	EPRI	MAIN	726.52	198
1877	12	17	13	52	0	35.7	-90	0	3.36	3.02	Added		1013.07	199
1878	3	12	10	0	0	36.8	-89.1	0	4.00	3.90	EPRI	MAIN	1051.85	200
1878	5	18	0	0	0	36.29	-81.6	0	4.74	4.40	Added		808.44	201
1878	11	19	5	52	0	35.5	-90.7	0	5.30	5.20	EPRI	MAIN	1044.81	202
1879	1	13	4	45	0	29.5	-82	0	4.63	4.30	EPRI	MAIN	76.62	6028
1879	5	21	8	0	0	34.7	-92.4	0	3.36	3.02	Added		1118.61	203
1879	9	26	3	10	0	35.3	-90.3	0	3.80	3.70	EPRI	MAIN	1002.57	204
1879	10	26	20	0	0	34.37	-81.08	0	3.44	3.10	Added		606.93	205
1880	1	28	0	0	0	35.5	-82.2	0	3.44	3.10	Added		715.94	206
1881	9	18	4	0	0	33.38	-84.79	0	4.86	4.52	Added		521.52	210
1881	10	7	16	52	0	35.1	-90	0	3.44	3.10	EPRI	MAIN	967.19	211
1882	7	20	10	0	0	36.9	-89.2	0	3.74	3.40	EPRI	MAIN	1066.16	213

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1882	10	22	22	15	0	33.6	-95.6	0	5.48	5.39	EPRI	MAIN	1338.87	6034
1883	1	11	7	12	0	37	-88.5	0	4.80	4.70	EPRI	MAIN	1038.94	216
1883	6	11	18	16	0	35.1	-90	0	4.10	4.00	EPRI	MAIN	967.19	219
1883	12	5	15	20	0	35.7	-91.2	0	4.10	4.00	EPRI	MAIN	1094.05	222
1884	1	18	8	0	0	34.59	-77.59	0	4.04	3.70	EPRI	MAIN	776.8	223
1884	3	21	4	30	0	32.8	-83.05	0	3.94	3.60	Added		416.4	224
1884	4	0	0	0	0	35.65	-80.45	0	3.60	3.26	Added		759.54	225
1884	8	24	19	45	0	36.07	-83.83	0	3.64	3.30	Added		786.48	226
1884	9	18	20	0	0	32.3	-85.17	0	3.64	3.30	Added		433.83	227
1884	11	30	5	0	0	35.5	-89.7	0	3.60	3.50	EPRI	MAIN	977.94	230
1885	2	2	12	10	0	36.9	-81.1	0	3.64	3.30	EPRI	MAIN	882.16	232
1885	8	6	9	0	0	36.12	-81.83	0	3.74	3.40	EPRI	MAIN	787.34	233
1885	10	17	18	20	0	33.17	-82.71	0	3.94	3.60	EPRI	MAIN	455.64	235
1886	2	5	2	0	0	35.93	-81.52	0	3.84	3.30	Added	MAIN	769.68	237
1886	2	5	1	0	0	32.8	-88	0	3.64	3.50	EPRI		660.19	236
1886	2	13	6	0	0	32.34	-88.05	7	3.84	3.50	Added		634.24	238
1886	3	18	5	59	0	37	-89.2	0	4.30	4.20	EPRI	MAIN	1075.07	240
1886	9	1	9	45	0	34.3	-82.86	0	3.64	4.20	Added	MAIN	581.74	248
1886	9	1	2	51	0	33	-80.2	0	6.84	6.80	EPRI		494.01	245
1886	9	1	0	0	0	30.4	-81.7	0	4.54	3.3	Added	MAIN	172.17	8028
1886	9	2	23	0	0	34.72	-81.23	0	3.94	3.60	Added		641.68	249
1886	9	19	0	0	0	32.23	-80.96	0	4.04	3.70	Added		385.36	251
1886	9	25	2	0	0	36.7	-80.05	0	3.54	3.20	Added		881.83	252
1886	10	22	0	0	0	34.71	-81.66	0	4.44	4.10	Added		633.49	254
1886	10	23	16	30	0	30.68	-88.09	0	3.84	3.5	Added		557.51	5095b
1886	10	23	0	0	0	30.68	-88.09	0	3.84	3.5	Added		557.51	5095
1886	10	31	14	20	0	33.9	-80.39	0	4.24	3.90	Added		577.12	256
1886	11	17	0	0	0	34.21	-77.91	0	4.86	4.52	Added		725.35	257
1886	12	11	16	0	0	34.18	-82.06	0	3.94	3.60	Added		570.45	258

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1887	1	5	11	35	0	30.17	-97.22	0	3.74	3.4	Added	MAIN	1427.89	8071
1887	1	7	14	22	0	30.33	-81.66	0	4.14	3.8	Added	MAIN	167.69	8072
1887	1	12	6	0	0	34.35	-82.42	0	3.44	3.10	Added		587.18	260
1887	1	31	20	14	0	30.53	-96.3	0	4.14	3.8	Added	MAIN	1339.19	8074
1887	4	14	20	12	0	36.8	-89.1	0	3.84	3.50	Added		1051.85	263
1887	5	22	20	45	0	33.9	-80.37	0	4.04	3.70	Added		577.82	264
1887	6	29	17	0	0	32.84	-83.66	0	3.36	3.02	Added		430.4	265
1887	8	2	1	0	0	34.41	-78.83	0	4.14	3.80	Added		693.78	266
1887	8	10	7	1	0	33.83	-79.95	0	4.24	3.90	Added		586.75	268
1887	8	27	4	56	0	33.52	-81.22	0	4.34	4.00	Added		512.18	269
1887	9	6	8	7	0	33.09	-83.24	0	3.84	3.50	Added		450.53	270
1888	4	5	0	0	0	34.21	-81.53	0	4.74	4.40	Added		580.59	273
1888	4	10	0	0	0	34.69	-80.7	0	3.60	3.26	Added		650.6	274
1888	8	15	18	30	0	34.37	-81.08	0	3.44	3.10	Added		606.93	275
1888	8	23	5	40	0	34.87	-85.84	0	4.14	3.80	Added		712.84	276
1888	9	17	21	30	0	33.42	-83.35	0	3.84	3.50	Added		488.32	277
1888	11	3	10	20	0	36.1	-89.8	0	3.44	3.10	EPRI	MAIN	1032.48	278
1888	12	7	23	30	0	36	-83.95	0	3.36	3.02	Added		780.5	279
1889	2	5	19	40	0	33.16	-79.2	0	4.24	3.90	Added		559.43	282
1889	5	1	0	0	0	36.42	-89.05	0	4.86	4.52	Added		1015.54	286
1889	7	20	1	32	0	35.8	-89.5	0	4.10	4.00	EPRI	MAIN	989.42	290
1889	8	26	0	0	0	35.53	-77.03	0	4.07	3.73	Added		890.71	291
1889	9	29	0	0	0	35.03	-84.87	0	3.84	3.50	Added		695.69	292
1889	10	24	10	0	0	34.72	-82.6	0	3.44	3.10	Added		628.05	293
1889	11	2	7	53	0	37	-90.5	0	4.89	4.79	Added		1149.19	294
1890	1	24	16	0	0	36.4	-89.4	0	4.07	3.73	Added		1033.71	295
1890	9	23	8	20	0	34.04	-80.89	0	4.86	4.52	Added		576.3	299
1890	12	23	11	0	0	35.8	-84	0	4.07	3.73	Added		759.35	301
1891	1	8	6	0	0	31.7	-95.2	0	3.80	3.70	EPRI	MAIN	1248.59	6091

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1891	5	8	15	30	0	28.62	-96.63	0	3.64	3.3	Added	MAIN	1376.01	8091
1891	7	26	6	10	0	36.8	-89.3	0	4.51	4.41	Added		1062.78	303
1891	8	6	4	55	0	32.79	-79.99	0	3.84	3.50	Added		483.72	305
1891	10	13	5	55	0	32.9	-80	0	3.64	3.30	EPRI	MAIN	493.66	309
1891	10	15	17	0	0	34.9	-88	0	3.71	3.61	Added		823.67	310
1891	10	16	0	0	0	36.2	-86.7	0	3.84	3.50	Added		880.26	311
1891	10	26	0	55	0	33	-80.18	0	4.32	3.98	Added		494.9	312
1891	11	17	0	0	0	36.73	-86.57	0	4.07	3.73	Added		928.36	313
1892	12	2	8	0	0	35.35	-85.55	0	4.04	3.94	Added		750.7	322
1893	4	7	11	0	0	33.79	-81.93	0	4.32	3.98	Added		528.66	326
1893	5	21	0	0	0	33.61	-91.21	0	3.84	3.50	Added		961.47	328
1893	6	21	7	7	0	30.4	-81.7	0	3.64	3.3	Added	MAIN	172.17	8092
1893	7	5	8	10	0	32.9	-80	0	3.64	3.30	EPRI	MAIN	493.66	329
1894	3	27	20	0	0	30.12	-97.32	0	3.64	3.3	Added	MAIN	1437.65	8107
1894	8	10	6	19	0	35.2	-90.1	0	3.84	3.50	Added		981.47	341
1895	3	4	22	0	0	36.1	-80.25	0	3.64	3.30	Added		812.69	348
1895	7	27	0	0	0	35.2	-88.2	0	3.34	3.00	EPRI	MAIN	861.13	352
1895	9	12	5	0	0	35.2	-84	0	3.64	3.30	Added		693.73	354
1895	10	4	11	30	0	33.96	-83.39	0	3.36	3.02	Added		548.34	355
1895	10	6	6	25	0	32.9	-80	0	3.64	3.30	EPRI	MAIN	493.66	357
1895	10	7	4	30	0	35.9	-77.5	0	3.84	3.50	EPRI	MAIN	899.17	356
1896	2	11	1	45	0	36.3	-78.6	0	3.64	3.30	EPRI	MAIN	887.96	360
1897	5	6	20	45	0	33.48	-81.31	8	3.84	3.50	Added		505.71	375
1897	6	24	17	4	0	36.8	-87.5	0	3.84	3.50	Added		973.13	377
1897	9	29	0	0	0	34.94	-82.41	0	4.86	4.52	Added		652.83	378
1898	1	27	1	35	0	34.53	-90.59	0	3.44	3.10	EPRI	MAIN	969.05	382
1898	2	13	0	0	0	31.45	-91.3	0	3.12	3.02	Added		877.02	383
1898	6	19	15	0	0	36.07	-83.67	10	4.34	4.00	Added		784.46	387
1898	7	23	21	30	0	36.75	-82.83	10	4.24	3.90	Added		854.16	388

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1899	3	10	5	45	0	32.9	-80	0	3.64	3.30	EPRI	MAIN	493.66	392
1899	10	5	10	15	0	35.56	-84	0	4.74	4.40	Added		733.08	396
1899	12	1	18	50	0	36.8	-94.4	0	3.45	3.11	EPRI	MAIN	1400.3	6135
1899	12	4	12	48	0	32.9	-80	0	3.64	3.30	EPRI	MAIN	493.66	398
1900	1	30	0	0	0	36.92	-89.34	0	3.84	3.50	Added		1075.55	399
1900	10	31	16	15	0	30.4	-81.7	0	4.04	3.70	EPRI	MAIN	172.17	6136
1900	12	0	0	0	0	36	-96.8	0	3.45	3.11	EPRI	MAIN	1544.96	6137
1900	12	0	0	0	0	36	-96.8	0	3.44	3.10	Added		1544.96	4113
1901	2	15	0	15	0	36	-90	0	3.90	3.80	EPRI	MAIN	1036.86	402
1901	12	2	0	26	0	32.9	-80	0	3.64	3.30	EPRI	MAIN	493.66	404
1902	5	29	7	30	0	35.1	-85.3	0	4.54	4.20	EPRI	MAIN	716.38	408
1902	5	30	6	0	0	34.85	-82.4	0	3.64	3.30	Added		642.85	409
1902	10	9	12	0	0	30.34	-97.73	0	3.64	3.3	Added	MAIN	1478.6	8136
1903	1	24	1	0	0	32.9	-80	0	4.44	4.10	EPRI	MAIN	493.66	413
1903	3	10	6	0	0	34.8	-84.97	0	4.14	3.80	Added		674.49	415
1903	9	14	7	30	0	33.46	-81.99	0	3.84	3.50	Added		491.53	418
1903	11	27	7	0	0	37	-89.5	0	4.00	3.90	EPRI	MAIN	1091.4	424
1904	3	5	0	30	0	35.7	-83.5	0	3.50	3.40	EPRI	MAIN	741.7	426
1905	2	3	0	0	0	30.5	-91.1	0	4.04	3.70	EPRI	MAIN	835.98	6146
1905	2	7	12	0	0	29.88	-97.68	0	4.14	3.8	Added	MAIN	1473.11	8141
1906	5	19	10	0	0	32.25	-87.95	0	3.84	3.50	Added		620.83	436
1907	4	19	8	30	0	32.9	-80	0	4.24	3.90	EPRI	MAIN	493.66	447
1908	9	28	19	34	0	36.6	-89.6	0	3.60	3.50	EPRI	MAIN	1062.39	453
1908	10	28	0	27	0	37	-89.2	0	3.70	3.60	EPRI	MAIN	1075.07	454
1909	2	6	0	0	0	30.416	-88.932	0	3.36	3.02	Added		628.45	5153
1909	10	8	10	0	0	34.9	-85	0	3.64	3.30	EPRI	MAIN	685.9	464
1909	10	23	7	10	0	37	-89.5	0	4.40	4.30	EPRI	MAIN	1091.4	467
1910	5	8	17	30	0	30.1	-96	0	3.45	3.11	EPRI	MAIN	1307.67	6151
1910	6	9	23	0	0	34.77	-84.98	0	4.58	4.24	Added		671.67	471

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1911	1	20	6	0	0	34.85	-85.04	0	3.84	3.50	Added		681.92	472
1911	2	10	10	22	0	36.6	-79.4	0	3.64	3.30	EPRI	MAIN	889.92	473
1911	3	31	18	10	0	33.8	-92.2	0	3.60	3.50	EPRI	MAIN	1030.87	476
1911	3	31	16	57	0	34	-91.8	0	4.70	4.60	EPRI	MAIN	1053.01	475
1911	4	20	22	0	0	35.1	-82.7	0	3.84	3.50	EPRI	MAIN	670.37	477
1912	1	31	22	5	0	31.94	-81.11	0	4.32	3.98	Added		350.13	478
1912	6	12	10	30	0	32.9	-80	0	5.24	4.90	EPRI	MAIN	493.66	479
1912	6	20	0	0	0	32	-81	0	3.84	3.50	EPRI	MAIN	360.62	480
1912	10	23	1	15	0	32.7	-83.5	0	3.64	3.30	EPRI	MAIN	411.89	482
1913	1	1	18	28	0	34.7	-81.7	0	5.10	5.00	EPRI	MAIN	631.86	484
1913	3	13	5	0	0	34.5	-85	0	3.64	3.30	EPRI	MAIN	644.17	485
1913	3	28	21	50	0	36.2	-83.7	0	4.10	4.00	EPRI	MAIN	799.15	486
1913	4	17	16	30	0	35.3	-84.2	0	3.80	3.70	EPRI	MAIN	708.37	487
1913	6	9	15	30	0	35.8	-88.9	0	3.80	3.70	EPRI	MAIN	953.34	488
1913	8	3	16	45	0	36	-84	0	4.14	3.80	EPRI	MAIN	781.27	489
1914	1	24	3	24	0	35.6	-84.5	0	3.60	3.50	EPRI	MAIN	747.17	491
1914	3	5	20	5	0	33.5	-83.5	0	4.93	4.60	EPRI	MAIN	499.32	492
1914	3	7	1	20	0	34.2	-79.8	0	3.64	3.30	EPRI	MAIN	629.84	493
1914	6	26	0	0	0	33.29	-83.96	0	3.36	3.02	Added		485.92	494
1914	12	30	1	0	0	30.5	-95.9	0	3.50	3.40	EPRI	MAIN	1299.91	6156
1915	1	14	9	20	0	36.6	-82.2	0	3.94	3.60	EPRI	MAIN	838.17	496
1915	10	8	16	50	0	35.7	-95.3	0	3.90	3.80	EPRI	MAIN	1406.61	6157
1915	10	26	7	40	0	36.7	-88.6	0	3.50	3.40	EPRI	MAIN	1016.39	501
1915	12	7	18	40	0	36	-90	0	4.50	4.40	EPRI	MAIN	1036.86	502
1916	2	21	22	39	0	35.62	-83.55	0	5.54	5.20	EPRI	MAIN	733.41	504
1916	3	2	5	2	0	34.5	-82.7	0	3.64	3.30	EPRI	MAIN	603.61	505
1916	5	21	18	24	0	36.6	-89.5	0	3.70	3.60	EPRI	MAIN	1056.63	506
1916	8	24	9	0	0	37	-89.2	0	3.60	3.50	EPRI	MAIN	1075.07	507
1916	8	26	19	36	0	36	-81	0	3.94	3.60	EPRI	MAIN	785.39	508

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1916	10	18	22	3	40	33.5	-86.2	0	5.54	5.20	EPRI	MAIN	598.58	509
1916	12	19	5	42	0	36.6	-89.2	0	3.80	3.70	EPRI	MAIN	1039.68	510
1917	3	24	0	0	0	35.3	-101.2	0	4.04	3.70	EPRI	MAIN	1899.92	6168
1917	3	25	19	15	0	36.1	-83.5	0	3.94	3.60	EPRI	MAIN	785.93	512
1917	4	9	20	52	0	37	-90	0	5.00	4.90	EPRI	MAIN	1119.68	513
1917	6	9	13	14	0	36.8	-89.4	0	3.90	3.80	EPRI	MAIN	1068.33	515
1917	6	30	1	23	0	32.7	-87.5	0	3.74	3.40	EPRI	MAIN	616.5	517
1918	1	16	15	45	0	35.9	-83.9	0	3.64	3.30	EPRI	MAIN	768.78	518
1918	2	17	8	10	0	37	-89.2	0	3.80	3.70	EPRI	MAIN	1075.07	519
1918	6	22	1	0	0	36.1	-84.1	0	3.60	3.50	EPRI	MAIN	793.82	521
1918	9	10	16	30	0	35.5	-98	0	3.60	3.50	EPRI	MAIN	1623.86	6175
1918	10	4	9	21	0	35	-91.1	0	4.10	4.00	EPRI	MAIN	1038.17	523
1918	10	13	9	30	0	36.1	-91	0	3.60	3.50	EPRI	MAIN	1109.77	524
1918	10	16	2	15	0	36	-90	0	4.30	4.20	EPRI	MAIN	1036.86	525
1919	4	8	12	30	0	36.2	-91.3	0	3.34	3.00	EPRI	MAIN	1137.47	527
1919	5	23	12	30	0	36.6	-89.2	0	3.80	3.70	EPRI	MAIN	1039.68	528
1919	11	3	20	40	0	36.3	-91	0	3.70	3.60	EPRI	MAIN	1124.96	531
1920	4	7	20	45	0	36.3	-88.2	0	3.80	3.70	EPRI	MAIN	959.22	532
1920	12	24	7	30	0	36	-85	0	3.74	3.40	EPRI	MAIN	802.19	536
1921	1	9	21	54	0	36.4	-89.5	0	3.40	3.30	EPRI	MAIN	1039.52	537
1921	2	27	22	16	0	37	-89.2	0	3.80	3.70	EPRI	MAIN	1075.07	538
1921	7	15	0	0	0	36.7	-82.3	0	4.33	4.00	EPRI	MAIN	848.9	541
1921	12	15	13	20	0	35.8	-84.6	0	3.74	3.40	EPRI	MAIN	770.98	545
1922	3	28	16	42	0	36.7	-90.4	0	3.90	3.80	EPRI	MAIN	1118.44	548
1922	3	30	16	53	0	36.1	-89.6	0	4.00	3.90	EPRI	MAIN	811.5	551
1922	3	30	1	20	0	35.5	-86.7	0	3.44	3.10	EPRI	MAIN	1020.27	549
1923	3	7	5	3	0	31.7	-106.5	0	4.30	4.20	EPRI	MAIN	2354.94	6186
1923	3	27	8	0	0	34.6	-89.7	0	3.80	3.70	EPRI	MAIN	909.67	554
1923	5	6	7	50	0	37	-89.2	0	3.80	3.70	EPRI	MAIN	1075.07	555

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1923	10	18	19	30	0	35.3	-82.5	0	3.44	3.10	Added		692.68	556
1923	10	28	17	10	0	35.3	-90	0	4.20	4.10	EPRI	MAIN	982.22	557
1923	11	26	23	25	0	35.5	-90.4	0	3.70	3.60	EPRI	MAIN	1024.28	559
1923	12	31	20	6	0	34.8	-82.5	0	3.64	3.30	EPRI	MAIN	637.05	562
1924	1	1	3	5	0	36	-90	0	4.40	4.30	EPRI	MAIN	1036.86	563
1924	4	2	11	15	0	37	-88.8	0	4.10	4.00	EPRI	MAIN	1054.07	564
1924	6	7	5	42	0	36.5	-89.8	0	3.80	3.70	EPRI	MAIN	1065.65	565
1924	8	13	4	23	0	36	-104.5	0	4.04	3.70	EPRI	MAIN	2221.26	6190
1924	10	20	8	30	0	35	-82.6	0	4.74	4.40	EPRI	MAIN	659.2	566
1924	11	13	10	30	0	36.6	-82.2	0	3.44	3.10	EPRI	MAIN	838.17	567
1925	1	27	22	42	0	36.2	-91.7	0	3.70	3.60	EPRI	MAIN	1164.86	569
1925	5	13	12	0	0	36.7	-88.6	0	3.70	3.60	EPRI	MAIN	1016.39	572
1925	7	8	16	0	0	36.2	-93.2	0	3.90	3.80	EPRI	MAIN	1272.49	6191
1925	7	30	12	17	0	35.4	-101.3	0	5.00	4.90	EPRI	MAIN	1793.91	6194
1925	7	30	8	0	0	34.5	-100.3	0	4.04	3.70	EPRI	MAIN	1912.11	6193
1926	1	20	0	0	0	35.6	-94.9	0	4.30	4.20	EPRI	MAIN	1368.87	6195
1926	4	28	2	16	0	36.2	-89	0	4.00	3.90	EPRI	MAIN	993.54	578
1926	7	8	9	50	0	35.9	-82.1	0	3.84	3.50	EPRI	MAIN	760.93	579
1926	10	27	16	22	0	36.7	-90.4	0	3.60	3.50	EPRI	MAIN	1118.44	580
1926	12	13	23	3	0	36.7	-89.4	0	3.80	3.70	EPRI	MAIN	1059.6	582
1926	12	17	0	0	0	36.4	-89.5	0	3.60	3.50	EPRI	MAIN	1039.52	583
1927	5	7	8	28	0	36	-90.2	0	4.80	4.70	EPRI	MAIN	1049.58	588
1927	6	16	12	0	0	34.7	-86	0	3.70	3.60	EPRI	MAIN	702.65	590
1927	7	20	9	58	0	36	-83.9	0	3.84	3.50	Added		779.77	591
1927	10	8	12	56	0	35.1	-85.3	0	3.64	3.30	EPRI	MAIN	716.38	593
1927	11	13	16	21	0	32.3	-90.2	0	3.50	3.40	EPRI	MAIN	810.44	595
1927	11	23	0	50	0	33.9	-78	0	3.64	3.30	EPRI	MAIN	693.51	596
1927	12	15	4	30	0	28.9	-89.4	0	3.90	3.80	EPRI	MAIN	661.12	6200
1928	3	7	2	45	0	35.6	-87	0	3.60	3.50	EPRI	MAIN	834.82	597

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1928	4	23	11	0	0	36.5	-89.2	0	3.44	3.10	EPRI	MAIN	1030.94	601
1928	11	1	4	12	49	27	-105.5	0	6.19	6.09	EPRI	MAIN	2303.85	6201
1928	11	3	4	2	49	36.11	-82.83	0	4.93	4.60	EPRI	MAIN	782.96	605
1928	11	10	6	20	0	36.1	-91.1	0	3.44	3.10	EPRI	MAIN	1116.5	607
1928	12	23	2	30	0	35.3	-80.3	0	3.64	3.30	EPRI	MAIN	726.34	608
1929	1	3	12	5	0	33.9	-80.3	0	3.64	3.30	EPRI	MAIN	580.31	610
1929	7	28	17	0	0	28.9	-89.4	0	3.90	3.80	EPRI	MAIN	661.12	6203
1929	10	28	2	15	0	34.3	-82.4	0	3.64	3.30	EPRI	MAIN	581.69	615
1929	12	28	0	30	0	35.5	-97.9	0	4.00	3.90	EPRI	MAIN	1615.23	6204
1930	1	26	21	0	0	36.1	-91.1	0	3.44	3.10	EPRI	MAIN	1116.5	617
1930	2	25	12	45	0	37	-90.2	0	3.34	3.00	EPRI	MAIN	1131.34	618
1930	3	26	8	56	0	35.1	-90	0	3.60	3.50	EPRI	MAIN	967.19	619
1930	4	2	9	39	0	36.1	-89.7	0	3.44	3.10	EPRI	MAIN	1026.35	620
1930	7	19	18	53	0	25.8	-81.4	0	4.04	3.70	EPRI	MAIN	384.01	6207
1930	8	29	6	26	54	37	-89.1	0	3.60	3.50	EPRI	MAIN	1069.73	624
1930	8	30	9	28	0	35.9	-84.4	0	3.84	3.50	EPRI	MAIN	777.51	625
1930	9	1	20	27	24	36.6	-89.4	0	3.80	3.70	EPRI	MAIN	1050.92	626
1930	10	16	21	50	0	36	-83.9	0	3.94	3.60	EPRI	MAIN	779.77	628
1930	10	19	12	12	0	30.1	-91	0	4.30	4.20	EPRI	MAIN	820.66	6213
1930	11	16	12	30	0	34.3	-92.8	0	3.40	3.30	EPRI	MAIN	1128.61	629
1930	12	26	3	0	0	34.5	-80.3	0	3.44	3.10	EPRI	MAIN	642.34	631
1931	4	1	23	20	9	36.9	-88.3	0	3.60	3.50	EPRI	MAIN	1019.79	634
1931	4	6	15	37	3	36.8	-89	0	3.20	3.10	EPRI	MAIN	1046.47	635
1931	5	5	12	18	0	33.7	-86.6	0	4.53	4.20	EPRI	MAIN	638.61	636
1931	7	18	14	52	0	36.6	-89.5	0	3.40	3.30	EPRI	MAIN	1056.63	637
1931	8	16	11	40	22.3	30.5	-104.58	1	5.92	5.83	EPRI	MAIN	2162.27	6217
1931	8	19	1	36	0	30.6	-104.1	0	4.04	3.70	EPRI	MAIN	2113.47	6218
1931	12	10	8	11	36	35.9	-89.9	0	3.40	3.30	EPRI	MAIN	1022.52	639
1931	12	17	3	36	0	34.1	-89.8	0	4.80	4.70	EPRI	MAIN	881.74	640

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1932	4	9	10	15	0	31.7	-96.4	0	3.60	3.50	EPRI	MAIN	1362.85	6223
1932	11	22	7	56	42	36	-90.2	0	3.50	3.40	EPRI	MAIN	1049.58	642
1933	3	11	12	48	0	36.7	-90.4	0	3.44	3.10	EPRI	MAIN	1118.44	644
1933	6	9	11	30	0	33.3	-83.5	0	3.64	3.30	EPRI	MAIN	477.41	646
1933	8	19	19	30	0	35.5	-98	0	3.40	3.30	EPRI	MAIN	1623.86	6224
1933	12	23	9	40	0	32.9	-80	0	3.84	3.50	EPRI	MAIN	493.66	651
1934	4	11	17	40	0	33.9	-95.5	0	3.90	3.80	EPRI	MAIN	1341.12	6226
1934	7	3	3	10	41	35.2	-90	0	3.44	3.10	EPRI	MAIN	974.67	653
1934	8	20	0	47	0	36.9	-89.2	0	4.40	4.30	EPRI	MAIN	1066.16	654
1935	1	1	8	15	0	35.1	-83.6	0	3.74	3.40	EPRI	MAIN	676.65	657
1935	7	24	1	38	0	36.4	-89.5	0	3.44	3.10	EPRI	MAIN	1039.52	659
1935	11	14	3	10	0	29.6	-81.7	0	3.45	3.11	EPRI	MAIN	106.77	6227
1935	12	20	5	30	0	34.4	-103.2	0	3.74	3.40	Added		2061.29	4282
1936	2	17	5	5	8	36.2	-89.7	0	3.44	3.10	EPRI	MAIN	1034.62	661
1936	3	14	17	20	0	34	-95.2	0	3.60	3.50	EPRI	MAIN	1318.67	6229
1936	6	20	3	24	3.5	35.31	-100.77	5	4.50	4.40	EPRI	MAIN	1861.41	6230
1936	7	12	0	23	0	36.9	-102.9	0	3.30	3.20	EPRI	MAIN	2105.51	6233
1936	8	2	22	16	25	36.7	-89	0	4.00	3.90	EPRI	MAIN	1037.54	662
1936	10	15	17	50	0	31.7	-106.5	0	3.45	3.11	EPRI	MAIN	2354.94	6235
1937	1	30	8	57	9	36.2	-89.7	2	3.40	3.30	EPRI	MAIN	1034.62	664
1937	5	17	0	49	46	36.1	-90.6	0	4.10	4.00	EPRI	MAIN	1083.29	667
1937	6	8	14	26	0	35.3	-96.9	0	3.60	3.50	EPRI	MAIN	1520.78	6242
1938	3	31	10	10	0	35.6	-83.5	0	3.94	3.60	EPRI	MAIN	730.65	669
1938	4	26	5	42	0	34.2	-93.5	0	3.45	3.11	EPRI	MAIN	1181.61	6247
1938	9	18	3	34	28	35.413	-90.254	1	4.90	4.80	EPRI	MAIN	1007.87	671
1939	4	15	17	25	0	36.8	-89.4	0	3.30	3.20	EPRI	MAIN	1068.33	673
1939	5	5	2	45	0	33.7	-85.8	0	3.64	3.30	EPRI	MAIN	596.68	674
1939	6	1	7	30	0	35	-96.4	0	4.40	4.30	EPRI	MAIN	1464.81	6252
1939	6	19	21	43	12	34.1	-92.6	0	4.20	4.10	EPRI	MAIN	1101.65	676

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1939	6	24	10	27	0	34.7	-86.6	0	3.50	3.40	EPRI	MAIN	730.23	677
1940	10	19	5	54	0	34.7	-85.1	0	3.40	3.30	EPRI	MAIN	668.25	682
1940	12	2	16	16	0	33	-94	0	3.45	3.11	EPRI	MAIN	1173.97	6259
1940	12	25	6	5	0	35.9	-82.9	0	3.54	3.20	EPRI	MAIN	759.8	684
1941	5	10	11	12	0	35.6	-82.6	0	3.64	3.30	EPRI	MAIN	725.97	687
1941	6	28	18	30	0	32.3	-90.8	0	3.34	3.00	EPRI	MAIN	862.63	688
1941	10	8	7	51	0	36.2	-89.7	0	3.40	3.30	EPRI	MAIN	1034.62	690
1941	10	21	16	53	0	37	-89.1	0	3.40	3.30	EPRI	MAIN	1069.73	691
1941	11	15	3	7	0	35.1	-90	0	3.44	3.10	EPRI	MAIN	967.19	692
1941	11	17	3	8	0	35.5	-89.7	0	4.30	4.20	EPRI	MAIN	977.94	693
1942	1	19	0	0	0	26.5	-81	0	3.64	3.3	Added	MAIN	328.14	8214
1942	6	12	4	50	0	36.4	-97.9	0	3.70	3.60	EPRI	MAIN	1655.64	6262
1942	8	31	9	28	0	37	-89.2	0	3.44	3.10	EPRI	MAIN	1075.07	696
1943	12	28	10	25	0	33	-80.2	0	3.64	3.30	EPRI	MAIN	494.01	701
1944	12	23	7	23	0	36.2	-89.7	0	3.44	3.10	EPRI	MAIN	1034.62	705
1945	5	2	11	22	0	36.5	-89.7	0	3.40	3.30	EPRI	MAIN	1059.73	709
1945	6	14	3	25	0	35	-84.5	0	3.70	3.60	EPRI	MAIN	682.62	711
1945	7	26	10	32	16	33.75	-81.38	5	4.10	4.00	EPRI	MAIN	533.32	712
1945	9	23	6	22	0	37	-89.8	0	3.44	3.10	EPRI	MAIN	1108.21	713
1945	11	13	8	21	0	37	-89.2	0	3.80	3.70	EPRI	MAIN	1075.07	715
1946	4	7	5	0	0	35.2	-84.9	0	4.14	3.80	EPRI	MAIN	714.52	717
1946	5	15	6	10	0	36.6	-90.8	0	4.10	4.00	EPRI	MAIN	1135.36	718
1947	3	26	0	0	0	37	-88.4	0	4.10	4.00	EPRI	MAIN	1034.02	720
1947	9	20	21	30	0	31.9	-92.6	0	3.64	3.30	EPRI	MAIN	1010.27	723
1947	11	2	4	30	0	32.9	-80	0	3.64	3.30	EPRI	MAIN	493.66	724
1947	12	1	7	47	33	36.7	-90.6	0	3.80	3.70	EPRI	MAIN	1130.78	725
1947	12	16	3	27	0	35.6	-90.1	0	4.10	4.00	EPRI	MAIN	1011.83	726
1947	12	27	19	0	0	35	-85.3	0	3.54	3.20	EPRI	MAIN	706.03	727
1948	2	10	0	4	0	36.4	-84.1	0	3.73	3.40	EPRI	MAIN	826.67	730

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1948	3	12	4	29	6.3	36.22	-102.48	5	4.80	4.70	EPRI	MAIN	2044.78	6270
1948	11	8	17	44	0	26.5	-82.2	0	3.45	3.11	EPRI	MAIN	289.64	6271
1949	1	14	3	49	0	36.4	-89.7	0	3.60	3.50	EPRI	MAIN	1051.31	731
1949	2	2	10	52	0	32.9	-80	0	3.64	3.30	EPRI	MAIN	493.66	732
1949	9	17	9	30	0	36.7	-83	0	3.54	3.20	EPRI	MAIN	849.11	735
1950	3	20	13	24	0	33.5	-97.1	0	3.45	3.11	EPRI	MAIN	1471.37	6274
1950	6	19	4	19	0	35.8	-84	0	3.60	3.50	EPRI	MAIN	759.35	738
1950	9	17	5	48	0	35.7	-89.9	0	3.34	3.00	EPRI	MAIN	1006.61	739
1951	3	4	2	55	0	32.9	-80	0	3.64	3.30	EPRI	MAIN	493.66	741
1951	6	20	18	37	11.1	35.22	-103.04	1	4.40	4.30	EPRI	MAIN	2065.91	6276
1951	12	30	7	55	0	32.9	-80	0	3.64	3.30	EPRI	MAIN	493.66	744
1952	2	6	16	12	0	33.5	-86.8	0	3.44	3.10	Added		632.85	745
1952	2	20	22	34	39	36.4	-89.5	0	4.00	3.90	EPRI	MAIN	1039.52	746
1952	4	9	16	29	28.4	35.52	-97.85	10	5.00	4.90	EPRI	MAIN	1611.77	6280
1952	5	28	9	54	14	36.6	-89.7	0	3.40	3.30	EPRI	MAIN	1068.2	747
1952	6	11	20	20	0	36.3	-82.3	0	3.64	3.30	EPRI	MAIN	804.43	748
1952	7	16	23	48	10	36.2	-89.6	0	4.33	4.00	EPRI	MAIN	1028.59	750
1952	10	8	4	15	0	35.1	-96.5	0	3.45	3.11	EPRI	MAIN	1477.77	6290
1952	10	17	15	48	0	30.1	-93.7	0	3.45	3.11	EPRI	MAIN	1082.62	6294
1952	11	18	20	12	0	30.6	-84.6	0	3.45	3.11	EPRI	MAIN	255.39	6295
1952	11	19	0	0	0	32.9	-80	0	3.44	3.10	EPRI	MAIN	493.66	752
1953	3	26	0	0	0	28.6	-81.4	0	3.45	3.11	EPRI	MAIN	130.37	6308
1953	5	12	18	50	0	35.6	-90.3	0	3.44	3.10	EPRI	MAIN	1025.09	756
1953	6	6	17	40	0	34.7	-96.7	0	3.45	3.11	EPRI	MAIN	1478.13	6311
1953	10	11	4	0	0	36	-83.9	0	3.64	3.30	EPRI	MAIN	779.77	758
1954	1	2	3	25	0	36.6	-83.7	0	4.73	4.40	EPRI	MAIN	843.3	761
1954	1	17	7	15	0	36	-89.4	0	3.20	3.10	EPRI	MAIN	999.87	763
1954	1	23	1	0	0	35.3	-84.4	0	3.44	3.10	EPRI	MAIN	712.57	764
1954	2	2	16	53	0	36.7	-90.3	0	4.40	4.30	EPRI	MAIN	1112.33	765

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1954	4	11	0	0	0	35	-96.4	0	3.45	3.11	EPRI	MAIN	1464.81	6316
1955	1	6	20	30	0	36.6	-82.2	0	3.44	3.10	EPRI	MAIN	838.17	768
1955	1	25	7	24	39	36.07	-89.83	8	4.40	4.30	EPRI	MAIN	1031.89	771
1955	1	27	0	37	0	30.6	-104.5	0	3.45	3.11	EPRI	MAIN	2153.87	6321
1955	2	1	14	45	0	30.4	-89.1	0	4.40	4.30	EPRI	MAIN	643.93	6322
1955	9	24	18	45	0	36.4	-89.5	0	3.44	3.10	EPRI	MAIN	1039.52	774
1955	9	28	7	1	41	36.6	-81.3	0	3.84	3.50	EPRI	MAIN	846.34	775
1956	1	5	8	0	0	34.3	-82.4	0	3.64	3.30	EPRI	MAIN	581.69	777
1956	1	8	0	35	0	29.3	-94.8	0	3.45	3.11	EPRI	MAIN	1189.59	6326
1956	1	29	4	44	15	35.76	-89.8	16	4.00	3.90	EPRI	MAIN	1004.98	779
1956	2	16	23	30	0	35.4	-97.3	0	4.00	3.90	EPRI	MAIN	1559.39	6328
1956	4	2	16	3	18	34.2	-95.6	0	3.80	3.70	EPRI	MAIN	1361.78	6329
1956	9	7	13	49	29	35.5	-84	0	4.30	4.20	EPRI	MAIN	826.71	783
1956	9	7	13	35	50	36.44	-83.79	5	4.04	4.00	EPRI	MAIN	726.52	782
1956	9	27	14	15	0	31.9	-88.4	0	4.14	3.80	EPRI	MAIN	637.59	785
1956	10	30	10	0	0	36.2	-95.8	0	4.54	4.20	Added		1473.68	4399
1956	11	26	4	12	43	36.91	-90.39	1	4.40	4.30	EPRI	MAIN	1135.12	787
1957	3	19	16	37	38	32.6	-94.7	0	4.30	4.20	EPRI	MAIN	1224.32	6331
1957	3	26	8	27	6	37	-88.4	0	3.20	3.10	EPRI	MAIN	1034.02	789
1957	4	23	9	23	39	33.77	-86.72	5	4.34	4.30	EPRI	MAIN	651.58	790
1957	5	13	14	24	51	35.8	-82.14	5	4.14	4.10	EPRI	MAIN	749.59	791
1957	6	23	6	34	16	35.95	-84.1	5	3.64	3.30	EPRI	MAIN	777.41	792
1957	7	2	9	33	1	35.6	-82.7	0	3.94	3.90	EPRI	MAIN	726	793
1957	8	17	23	0	0	36.2	-89.5	0	3.44	3.10	EPRI	MAIN	1022.61	794
1957	11	24	20	6	17	35	-83.5	0	4.00	3.90	EPRI	MAIN	664.39	796
1958	1	26	16	55	37	36.1	-89.7	0	3.90	3.80	EPRI	MAIN	1026.35	798
1958	3	5	11	53	43	34.2	-77.8	0	3.74	3.40	EPRI	MAIN	730.98	800
1958	4	8	22	25	33	36.3	-89.2	0	3.50	3.40	EPRI	MAIN	1013.6	801
1958	4	26	7	30	0	36.4	-89.5	0	3.30	3.20	EPRI	MAIN	1039.52	802

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1958	5	20	1	25	0	35.5	-90.4	0	3.44	3.10	EPRI	MAIN	1024.28	804
1958	10	20	6	16	0	34.5	-82.7	0	3.84	3.50	EPRI	MAIN	603.61	805
1958	11	6	23	8	0	29.9	-90.1	0	3.45	3.11	EPRI	MAIN	731.53	6335
1958	11	19	18	15	0	30.5	-91.2	0	3.30	3.20	EPRI	MAIN	845.54	6336
1959	2	10	20	5	0	35.5	-100.9	0	4.50	4.40	EPRI	MAIN	1879.34	6337
1959	2	13	8	37	0	36.1	-89.5	0	3.30	3.20	EPRI	MAIN	1014.23	809
1959	6	13	1	15	0	35.4	-84.3	0	3.70	3.60	EPRI	MAIN	721.25	811
1959	6	15	12	45	0	34.7	-96.7	0	4.00	3.90	EPRI	MAIN	1478.13	6338
1959	6	17	10	27	10.6	34.64	-98.06	5	4.20	4.10	EPRI	MAIN	1595.77	6339
1959	8	3	6	8	36	33.05	-80.13	1	4.64	4.60	EPRI	MAIN	502.03	813
1959	8	12	18	6	1	34.79	-86.56	5	3.94	3.90	EPRI	MAIN	736.82	814
1959	10	15	15	45	0	29.8	-93.1	0	3.80	3.70	EPRI	MAIN	1022.54	6341
1959	10	27	2	7	28	34.5	-80.2	0	4.33	4.00	EPRI	MAIN	645.64	816
1959	12	21	16	23	39	36.03	-89.34	5	3.44	3.40	EPRI	MAIN	998.8	817
1960	2	9	14	0	0	35.4	-82.4	0	3.44	3.10	Added		704.02	819
1960	4	15	10	10	10	35.8	-84	0	3.60	3.50	EPRI	MAIN	759.35	821
1960	5	4	16	31	32	34.2	-92	0	3.44	3.10	EPRI	MAIN	1058.14	823
1961	1	11	1	40	0	34.9	-95.5	0	3.80	3.70	EPRI	MAIN	1383.59	6343
1961	4	26	7	5	0	34.6	-95	0	3.80	3.70	EPRI	MAIN	1327.32	6344
1961	4	27	7	30	0	34.9	-95.3	0	4.10	4.00	EPRI	MAIN	1366.68	6347
1961	9	9	22	42	55	35.96	-90.19	5	3.84	3.80	EPRI	MAIN	1045.78	826
1962	2	2	6	43	30	36.37	-89.51	4	4.34	4.30	EPRI	MAIN	1037.56	827
1962	2	16	0	0	0	37	-88.7	0	3.34	3.00	EPRI	MAIN	1048.97	828
1962	7	23	6	5	15	36.04	-89.4	8	3.64	3.60	EPRI	MAIN	1003.22	833
1962	9	1	16	0	0	34.16	-106.66	0	3.34	3.00	Added		2388.52	4449
1963	2	7	21	18	36	34.4	-92.1	0	3.44	3.40	EPRI	MAIN	1077.48	837
1963	3	3	17	30	10	36.64	-90.05	15	4.84	4.80	EPRI	MAIN	1092.27	838
1963	6	6	8	5	36.3	36.5	-104.3	0	3.75	3.71	EPRI	MAIN	2217.37	6354
1963	8	3	0	37	49	36.98	-88.77	7	4.44	4.40	EPRI	MAIN	1050.7	843

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1963	9	10	19	40	8.3	28.9	-104	0	4.15	4.11	EPRI	MAIN	2115.6	6355
1963	9	13	10	51	57.9	29.1	-105.9	16	4.55	4.51	EPRI	MAIN	2308.19	6356
1963	10	8	6	1	43	33.9	-82.5	0	3.19	3.20	Added		536.92	844
1963	11	5	22	45	3.4	27.49	-92.58	15	4.75	4.71	EPRI	MAIN	995.25	6358
1964	1	1	19	45	45	23	-105.9	33	3.99	4.00	Added		2476.71	7008
1964	2	2	8	23	0	35.1	-99.7	0	4.04	3.70	EPRI	MAIN	1758.33	6359
1964	2	18	9	31	0	34.67	-85.39	0	4.39	4.40	EPRI	MAIN	675.29	851
1964	3	13	1	20	17	33.19	-83.31	1	3.89	3.90	EPRI	MAIN	462.46	853
1964	3	17	2	16	6	36.2	-89.6	0	3.49	3.50	EPRI	MAIN	1028.59	854
1964	4	20	19	4	44	33.84	-81.1	3	3.69	3.70	EPRI	MAIN	549.47	855
1964	4	24	7	33	51.9	31.42	-93.81	5	3.57	3.58	EPRI	MAIN	1111.21	6364
1964	5	23	11	25	34	36.58	-90.02	3	3.89	3.90	EPRI	MAIN	1085.48	856
1965	2	3	19	0	0	31.9	-103	0	2.99	3.00	Added		2006.49	4490
1965	2	3	11	0	0	35.4	-103.4	0	3.09	3.10	Added		2103.9	4491
1965	3	25	12	59	27	36.46	-89.52	3	3.69	3.70	EPRI	MAIN	1045.8	862
1965	4	13	9	35	46	30.3	-105.1	0	4.17	4.18	EPRI	MAIN	2215.88	6378
1965	8	30	5	17	38	32.1	-102.3	0	3.47	3.48	EPRI	MAIN	1939.22	6379
1965	9	9	14	42	20	34.7	-81.2	0	3.38	3.20	EPRI	MAIN	640.1	867
1965	11	8	12	58	1	33.2	-83.2	0	3.29	3.30	Added		462.2	871
1965	12	19	22	19	12	36.03	-89.76	1	3.79	3.80	EPRI	MAIN	1024.29	872
1966	1	25	10	0	0	37	-106.99	13	3.19	3.20	Added		2476.6	4503
1966	2	13	6	29	43	33.6	-87	0	3.49	3.50	Added*		653.39	874
1966	4	14	15	0	0	37	-107	5	3.19	3.20	Added		2477.52	4508
1966	5	8	17	0	0	37	-106.9	0	4.19	4.20	Added		2468.35	4509
1966	5	9	2	57	24	37	-106.9	5	4.39	4.40	Added		2468.35	7024
1966	6	1	17	0	0	36.9	-107	5	3.39	3.40	Added		2474.9	4514
1966	7	20	9	4	58.8	35.64	-101.33	3	3.67	3.68	EPRI	MAIN	1922.56	6383
1966	8	14	15	25	52	32	-102.6	33	3.39	3.40	Added		1967.82	7026
1966	8	19	4	15	44.6	30.3	-105.6	0	4.07	4.08	EPRI	MAIN	2266.78	6385

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1966	8	24	6	0	0	35.8	-84	0	3.34	3.00	EPRI	MAIN	759.35	879
1966	9	24	8	27	10	36.5	-105	33	3.39	3.40	Added		2280.92	7034
1966	9	24	7	33	46.4	36.5	-105	18	3.77	3.78	EPRI	MAIN	2280.92	6391
1967	1	6	15	41	16	36.932	-106.965	33	4.29	4.30	Added		2472.51	7040
1967	6	4	16	14	12	33.55	-90.84	6	4.29	4.30	EPRI	MAIN	928.11	885
1967	7	6	16	43	51	35.8	-90.4	0	3.39	3.40	EPRI	MAIN	1047.02	886
1967	10	23	9	4	2	32.8	-80.22	19	3.39	3.40	EPRI	MAIN	473.64	890
1968	1	4	22	30	0	34.85	-95.55	0	3.45	3.11	EPRI	MAIN	1385.53	6398
1968	2	10	1	34	30	36.52	-89.86	7	3.79	3.80	EPRI	MAIN	1070.89	892
1968	5	30	1	59	33	36.5	-89.5	0	3.49	3.50	EPRI	MAIN	1048.05	895
1968	6	4	22	13	18	27.33	-102.96	0	4.37	4.38	EPRI	MAIN	2035.1	6399
1968	7	14	4	21	25	36.5	-89.5	0	3.09	3.10	Added*		1048.05	896
1968	9	22	21	41	18	34.11	-81.48	1	3.09	3.10	EPRI	MAIN	570.54	899
1968	10	14	14	42	54	34	-96.8	0	3.47	3.48	EPRI	MAIN	1460.52	6401
1968	11	25	20	0	0	34.1	-77.9	0	3.64	3.30	EPRI	MAIN	716.5	901
1969	1	1	23	35	38	34.99	-92.69	7	4.39	4.40	EPRI	MAIN	1158.43	903
1969	1	30	5	17	38.4	34.22	-106.75	0	3.39	3.40	Added		2398.07	4536
1969	4	13	6	27	51	34.2	-96.3	0	3.47	3.48	EPRI	MAIN	1423.33	6402
1969	5	12	8	26	19.6	31.85	-106.52	13	3.60	3.42	EPRI	MAIN	2357.15	6404
1969	5	18	0	0	0	33.95	-82.58	0	3.68	3.50	EPRI	MAIN	542.38	905
1969	7	13	21	51	9	36.12	-83.69	1	4.09	4.10	EPRI	MAIN	790.21	907
1969	7	27	0	0	0	36.5	-89.5	0	3.09	3.10	Added		1048.05	908
1969	10	19	11	51	34.3	30.81	-105.76	1	3.77	3.78	EPRI	MAIN	2280.91	6409
1969	12	13	10	19	29	35.04	-82.85	6	3.69	3.70	EPRI	MAIN	664	911
1970	1	7	17	45	0	35.2	-89.9	0	3.44	3.10	EPRI	MAIN	967.92	912
1970	1	12	11	21	15.4	36.1	-103.2	0	3.47	3.48	EPRI	MAIN	2105.68	6410
1970	2	3	0	0	0	31	-97	0	3.45	3.11	EPRI	MAIN	1411.33	6411
1970	7	30	15	15	16	36.99	-82.206	12	3.69	3.70	Added		881.5	916
1970	9	10	1	41	5	36.02	-81.42	1	3.09	3.10	EPRI	MAIN	780.9	919

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1970	11	17	2	13	54	35.86	-89.95	16	4.39	4.40	EPRI	MAIN	1022.5	921
1970	11	28	7	40	11.8	35.1	-106.61	0	3.79	3.80	Added		2398.53	4551
1970	12	24	10	17	56	36.71	-89.55	15	3.39	3.40	EPRI	MAIN	1068.97	924
1971	1	4	7	39	7	35.1	-106.6	0	3.49	3.50	Added		2397.58	4554
1971	2	18	11	28	13.7	36.22	-105.71	0	3.67	3.68	EPRI	MAIN	2338.49	6413
1971	3	14	17	27	54	33.18	-87.84	12	3.59	3.60	EPRI	MAIN	675.44	927
1971	4	28	11	36	52.7	35.79	-105.56	0	3.97	3.98	EPRI	MAIN	2313.97	6416
1971	5	19	12	54	3	33.36	-80.66	1	3.69	3.70	EPRI	MAIN	512	931
1971	7	13	11	42	26	34.8	-83	0	3.39	3.60	EPRI	MAIN	786.42	933
1971	7	13	3	3	0	36	-84.3	0	3.59	3.40	Added		637.95	932
1971	7	30	1	45	51.4	31.64	-103.17	5	3.57	3.58	EPRI	MAIN	2021.76	6417
1971	9	24	10	0	0	31.6	-103.2	0	2.99	3.00	Added		2024.55	4565
1971	10	1	18	49	38	35.77	-90.49	9	4.09	4.10	EPRI	MAIN	1050.7	936
1971	10	9	16	43	32	35.8	-83.37	8	3.69	3.70	EPRI	MAIN	751.52	937
1971	10	22	21	55	0	36	-83	0	3.29	3.30	Added		771.29	939
1971	12	6	5	18	14	36.064	-106.321	5	4.19	4.20	Added		2391.35	7053
1972	2	1	5	42	9	36.37	-90.85	3	3.69	3.70	EPRI	MAIN	1120.53	941
1972	3	29	20	38	31	36.12	-89.74	7	3.69	3.70	EPRI	MAIN	1030.44	944
1972	5	7	2	12	8	35.93	-89.97	1	3.39	3.40	EPRI	MAIN	1029.36	945
1972	8	14	15	5	19	33.2	-81.4	0	3.12	3.00	EPRI	MAIN	473.44	949
1973	1	8	9	11	37	33.8	-90.6	0	3.49	3.50	EPRI	MAIN	923.53	952
1973	3	17	7	43	5.5	36.09	-106.17	6	4.49	4.50	Added		2377.91	9540
1973	3	17	7	43	5	36.087	-106.168	6	4.49	4.50	Added		2377.65	7057
1973	7	16	5	27	22.2	30.03	-105.89	33	3.19	3.20	Added		2298.12	9541
1973	9	22	23	38	35.8	34.47	-106.95	5	3.09	3.10	Added		2420.96	9835
1973	10	3	3	50	19	35.87	-90.05	6	3.39	3.40	EPRI	MAIN	1029.68	956
1973	10	9	20	15	26	36.49	-89.62	3	3.79	3.80	EPRI	MAIN	1054.19	957
1973	10	27	6	21	2	28.48	-80.65	5	3.47	3.48	EPRI	MAIN	203.48	6424
1973	11	30	7	48	40	35.89	-83.99	12	4.59	4.60	EPRI	MAIN	769.05	958

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1973	12	25	2	46	0	29	-98.3	0	3.45	3.11	EPRI	MAIN	1538.86	6429
1974	1	8	1	12	38	36.18	-89.47	7	3.89	3.90	EPRI	MAIN	1019.15	961
1974	2	15	13	33	49.2	36.4	-100.69	0	4.47	4.48	EPRI	MAIN	1893.34	6433
1974	3	12	12	30	29	35.64	-89.8	5	3.19	3.20	Added		995.44	963
1974	5	13	6	52	18	36.74	-89.36	4	3.79	3.80	EPRI	MAIN	1060.85	965
1974	8	2	8	52	11	33.91	-82.53	4	4.09	4.10	EPRI	MAIN	537.98	969
1974	9	26	23	0	0	32.8	-106.2	0	2.99	3.00	Added		2329.37	4598
1974	11	5	3	0	0	33.73	-82.22	0	3.69	3.70	EPRI	MAIN	519.29	974
1974	11	14	17	30	1	36.5	-89.45	12	3.19	3.20	Added		1045.17	7067
1974	11	22	5	25	56	32.92	-80.16	6	4.29	4.30	EPRI	MAIN	488.03	975
1974	11	28	3	35	20.5	32.31	-104.14	5	3.87	3.88	EPRI	MAIN	2121.98	6434
1974	12	30	8	5	27.1	30.92	-103.11	5	3.84	3.66	EPRI	MAIN	2013.72	6436
1975	2	13	19	43	58	36.55	-89.59	3	3.39	3.40	EPRI	MAIN	1057.54	980
1975	6	20	7	29	6	36.21	-89.44	7	3.49	3.50	Added		1019.9	986
1975	6	24	11	11	36	33.7	-87.84	4	3.69	3.70	EPRI	MAIN	714.9	987
1975	8	29	4	22	52	33.66	-86.59	4	4.39	4.40	EPRI	MAIN	634.51	989
1975	10	18	4	31	0	34.9	-83	0	3.64	3.30	EPRI	MAIN	649.06	990
1975	11	7	23	39	31	33.31	-87.33	4	3.49	3.50	EPRI	MAIN	650.58	991
1975	11	29	14	29	44.9	34.68	-97.42	14	3.47	3.48	EPRI	MAIN	1540.51	6443
1975	12	4	11	57	0	29.2	-81	0	3.41	3.29	EPRI	MAIN	158.27	6445
1976	1	16	19	42	56	35.9	-92.16	7	3.39	3.40	EPRI	MAIN	1176.36	994
1976	1	19	6	20	39	36.87	-83.86	1	3.79	3.80	EPRI	MAIN	874.97	995
1976	2	4	19	53	53	34.97	-84.7	14	3.59	3.60	EPRI	MAIN	684.58	996
1976	3	16	7	39	45.3	35.43	-95.6	5	3.45	3.11	EPRI	MAIN	1417.41	6449
1976	3	25	0	41	20	35.58	-90.48	17	4.89	4.90	EPRI	MAIN	1035.69	997
1976	4	16	18	59	48.7	36.16	-99.84	14	3.37	3.38	EPRI	MAIN	1810.03	6453
1976	5	1	11	0	0	32.27	-103.14	0	2.99	3.00	Added		2023.19	4634
1976	6	24	15	27	32	35.62	-103.28	0	3.94	3.82	EPRI	MAIN	2098.86	6456
1976	8	5	18	0	0	31.57	-103.02	0	2.99	3.00	Added		2006.54	4637

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1976	9	17	24	0	0	32.21	-103.1	0	2.99	3.00	Added		2018.73	4639
1976	12	27	6	57	15	32.06	-82.5	14	3.69	3.70	EPRI	MAIN	332.25	1008
1977	1	4	18	31	37.6	32.36	-106.92	5	3.19	3.20	Added		2398.73	9837
1977	2	12	6	51	44.6	28.34	-105.13	0	3.67	3.68	EPRI	MAIN	2239.46	6459
1977	5	4	2	0	24	31.96	-88.44	0	3.29	3.30	EPRI	MAIN	644.1	1012
1977	6	2	23	29	10.6	34.56	-94.17	10	3.57	3.58	EPRI	MAIN	1255.39	6463
1977	6	7	23	1	25	33.13	-100.94	12	3.37	3.38	EPRI	MAIN	1821.68	6464
1977	7	27	22	3	20	35.42	-84.41	5	3.49	3.50	EPRI	MAIN	725.75	1014
1977	10	4	5	36	21	36.24	-89.35	5	2.99	3.00	Added		1017.15	7092
1977	11	4	11	21	10	33.928	-89.173	16	3.39	3.40	Added		824.16	1016
1978	3	2	10	4	53	31.55	-102.5	1	3.53	3.41	EPRI	MAIN	1954.91	6470
1978	4	3	24	24	21	36.62	-90	5	2.99	3.00	Added		1087.61	7101
1978	5	3	23	35	15.2	25.79	-103.05	33	4.37	4.38	EPRI	MAIN	2083.45	6472
1978	6	9	23	15	19	32.042	-88.595	2	3.29	3.30	Added		661.37	1024
1978	6	16	11	46	56	32.97	-100.9	3	4.57	4.58	EPRI	MAIN	1815.02	6474
1978	7	24	8	6	16.9	26.38	-88.72	15	4.87	4.88	EPRI	MAIN	672.27	6476
1978	8	31	0	31	0	36.09	-89.44	1	3.49	3.50	EPRI	MAIN	1009.8	1025
1978	12	11	2	6	50	31.91	-88.47	3	3.49	3.50	EPRI	MAIN	643.98	1029
1979	2	27	22	54	54	35.96	-91.2	10	3.39	3.40	EPRI	MAIN	1112.92	1031
1979	6	11	4	12	17	36.15	-89.64	15	3.79	3.80	EPRI	MAIN	1026.84	1032
1979	8	13	5	18	56	35.21	-84.36	10	3.69	3.70	EPRI	MAIN	701.97	1035
1979	8	26	11	28	0	36.3	-91.5	0	3.79	3.80	Added		650.62	1037
1979	8	26	1	31	45	34.916	-82.956	1	3.69	3.70	Added		1158.45	1036
1979	9	6	20	38	16	35.3	-83.24	10	3.38	3.20	EPRI	MAIN	695.03	1038
1979	9	13	0	49	21.5	35.19	-99.47	1	3.37	3.38	EPRI	MAIN	1740.91	6487
1979	10	8	8	53	52	36.44	-82.08	5	3.59	3.60	Added		821.01	1040
1980	1	10	19	16	23.5	24.13	-85.71	15	3.87	3.88	EPRI	MAIN	630.49	6493
1980	3	22	0	49	12.5	34.6	-105.92	5	3.39	3.40	Added		2323.77	9848
1980	4	24	6	16	57	34.329	-81.324	3	2.99	3.00	Added		597.33	1045

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1980	6	9	22	37	12.3	35.48	-101.01	1	3.37	3.38	EPRI	MAIN	1888.56	6497
1980	7	5	8	54	40	36.56	-89.6	4	3.49	3.50	EPRI	MAIN	1058.97	1048
1980	7	25	15	30	12	33.94	-87.44	0	3.09	3.10	Added		708.79	1049
1980	9	11	17	34	37.5	36.46	-105.19	5	3.09	3.10	Added		2297.13	9851
1980	12	2	8	59	29	36.17	-89.43	5	3.79	3.80	EPRI	MAIN	1015.93	1053
1981	2	13	21	0	0	30	-91.8	0	3.09	3.10	Added		897.11	4701
1981	5	5	21	21	56	35.33	-82.42	10	3.49	3.50	EPRI	MAIN	696.18	1057
1981	5	25	22	50	18	36.76	-91.63	1	2.99	3.00	Added		1201.63	1058
1981	6	3	20	54	22	36.18	-81.67	1	2.99	3.00	Added		795.53	1059
1981	6	26	8	33	27	35.85	-90.07	9	3.49	3.50	EPRI	MAIN	1029.39	1061
1981	7	11	21	9	21.84	34.85	-97.73	5	3.47	3.48	EPRI	MAIN	1574.31	6507
1981	8	7	11	53	44	36.03	-89.18	11	3.99	4.00	EPRI	MAIN	989.33	1062
1982	1	2	2	0	26	35.18	-86.43	13	3.18	3.10	EPRI	MAIN	768.39	1065
1982	1	4	16	56	8.1	31.18	-102.49	5	3.87	3.88	EPRI	MAIN	1952.35	6509
1982	1	21	0	33	54	35.18	-92.25	3	4.19	4.20	EPRI	MAIN	1135.95	1066
1982	1	28	4	52	51	32.98	-81.39	7	3.39	3.40	Added		450.04	1067
1982	3	21	9	39	16	25.18	-101.05	33	4.37	4.38	EPRI	MAIN	1900.44	6526
1982	5	31	18	21	19	35.2	-92.23	2	3.49	3.50	EPRI	MAIN	1135.69	1072
1982	7	16	14	16	2	34.32	-81.55	2	3.09	3.10	Added		592.3	1074
1982	8	9	11	12	31	35.19	-92.24	4	3.19	3.20	Added		1135.82	1075
1982	9	5	10	11	9	35.19	-84.51	13	3.30	3.20	EPRI	MAIN	703.26	1077
1982	9	24	22	19	16	35.68	-84.25	8	3.39	3.40	EPRI	MAIN	750.65	1078
1982	9	25	23	17	5	35.21	-92.23	5	3.49	3.50	Added		1136.31	1079
1982	10	14	12	52	46.3	36.1	-102.57	5	3.87	3.88	EPRI	MAIN	2048.91	6534
1983	1	26	14	7	44	32.85	-83.56	0	3.49	3.50	EPRI	MAIN	429.39	1084
1983	2	23	8	51	27	36.19	-89.6	1	3.59	3.60	EPRI	MAIN	1027.75	1087
1983	3	2	23	22	19.4	34.3	-106.89	8	4.29	4.30	Added		2412.75	9446
1983	3	3	18	14	7.95	29.73	-104.06	5	3.37	3.38	EPRI	MAIN	2113.63	6540
1983	4	3	4	55	24.28	35.32	-102.38	5	3.37	3.38	EPRI	MAIN	2007.96	6541

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1983	4	30	7	34	20.18	33.32	-106.44	7	3.49	3.50	Added		2357.4	9857
1983	7	8	19	29	5	35.55	-84.15	10	3.50	3.40	EPRI	MAIN	734.62	1093
1983	7	23	15	24	38.22	28.74	-98.13	5	3.39	3.40	Added		1524.32	9452
1983	9	15	23	25	36.05	35.14	-104.39	5	3.19	3.20	Added		2189.51	9453
1983	10	16	19	40	50.8	30.24	-93.39	5	3.77	3.78	EPRI	MAIN	1053.49	6542
1983	11	6	9	2	19	32.94	-80.16	10	3.38	3.30	EPRI	MAIN	489.97	1096
1983	12	9	20	52	10	33.183	-92.704	5	2.99	3.00	Added		1066.7	1097
1984	1	28	21	29	22	36.61	-89.92	1	3.19	3.20	Added		1082.01	1099
1984	2	14	20	54	30	36.13	-83.74	10	3.59	3.60	EPRI	MAIN	791.92	1101
1984	3	3	1	3	26.57	28.85	-98.46	5	3.89	3.90	Added		1556.21	9457
1984	5	21	13	31	13.54	35.07	-102.23	5	3.09	3.10	Added		1987.21	9459
1984	8	8	1	31	27.37	29.13	-98.36	5	3.09	3.10	Added		1543.82	9461
1984	8	9	2	42	35	34.62	-86.3	8	3.30	3.20	EPRI	MAIN	708.31	1110
1984	8	26	2	19	54	34.31	-106.8	5	2.99	3.00	Added		2404.16	9859
1984	9	11	14	47	33.53	31.99	-100.7	5	3.19	3.20	Added		1781.77	9055
1984	9	27	13	3	6	35.25	-92.21	5	3.39	3.40	EPRI	MAIN	1137.32	1115
1984	10	9	11	54	26	34.75	-85.2	12	4.19	4.20	EPRI	MAIN	676.79	1116
1984	10	22	18	58	41	36.36	-81.68	11	3.30	3.20	EPRI	MAIN	815.33	1117
1984	11	22	20	46	30.6	26.4	-106.18	5	4.09	4.10	Added		2389.28	9556
1985	1	30	9	35	12	35.93	-89.91	9	2.99	3.00	Added		1025.56	1119
1985	5	4	7	7	12	36.27	-90.77	9	3.09	3.10	Post		1107.56	1123
1985	6	27	18	20	0.03	33.62	-106.47	0	3.39	3.40	Added		2363.41	9057
1985	7	12	18	20	28	35.198	-85.156	3	2.99	3.00	Post		721.94	1125
1985	8	3	4	23	11	35.219	-92.202	5	3.29	3.30	Post		1134.76	1126
1985	8	16	14	56	52.96	34.13	-106.83	7	4.09	4.10	Added		2404.66	9861
1985	9	6	22	17	2.86	35.81	-93.12	10	3.79	3.80	Added		1241.56	9466
1985	9	18	15	54	4.64	33.55	-97.05	5	3.29	3.30	Added		1468.33	9467
1985	11	8	19	56	48	35.223	-92.188	4	3.29	3.30	Post		1133.95	1127
1985	11	12	6	50	35.03	29.44	-104.8	5	4.29	4.30	Added		2191.56	9471

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1985	12	5	22	59	41	35.88	-89.99	5	3.79	3.80	Post		1026.64	1128
1985	12	15	7	14	52.23	35.28	-104.64	5	3.59	3.60	Added		2216.13	9472
1985	12	22	0	56	5	35.701	-83.72	13	3.29	3.30	Post		744.4	1129
1986	1	7	1	26	43	35.609	-84.762	22	3.19	3.20	Post		754.34	1131
1986	1	30	22	26	37.07	32.07	-100.69	5	3.29	3.30	Post		1781.71	9060
1986	2	26	22	49	59.03	24.82	-100.19	33	4.39	4.40	Post		1827.4	9557
1986	3	3	11	45	17.48	35.31	-102.51	5	3.09	3.10	Post		2019.59	9476
1986	4	19	7	40	53	35.187	-85.51	27	2.99	3.00	Post		732.54	1132
1986	5	12	4	18	2.47	27.7	-88.73	10	3.59	3.60	Post		618.07	9558
1986	5	24	12	48	13	36.58	-89.88	10	2.99	3.40	Post		1133.31	1134
1986	5	24	8	16	1	35.178	-92.217	5	3.39	3.00	Post		1077.11	1133
1986	6	4	4	38	10.68	25.21	-100.72	33	3.49	3.50	Post		1866.31	9063
1986	6	8	8	52	55.36	24.5	-100.01	10	3.69	3.70	Post		1821.82	9559
1986	7	11	14	26	14	34.937	-84.987	13	3.79	3.80	Post		689.38	1135
1986	8	27	18	6	56.38	35.16	-105.09	5	3.19	3.20	Post		2255.68	9862
1986	12	30	7	15	19	36.42	-89.58	14	3.49	3.50	Post		1045.91	1138
1987	1	16	3	25	35	35.893	-89.978	5	2.99	3.00	Post		1026.91	1139
1987	1	24	16	8	17	35.83	-98.1	5	3.09	3.10	Post		1646.51	9491
1987	3	16	13	9	27	34.56	-80.94	0	3.09	3.10	Post		630.65	1140
1987	3	27	7	29	30	35.567	-84.229	19	4.19	4.20	Post		737.96	1141
1987	5	23	19	8	24	36.614	-89.62	11.1	3.29	3.30	Post		1064.74	7361
1987	6	13	21	17	12	36.605	-89.686	5	4.09	4.10	Post		1067.81	1143
1987	6	19	3	46	38	36.466	-89.587	18.6	2.99	3.00	Post		1050.22	7364
1987	6	26	18	39	20	36.534	-89.674	13.1	2.99	3.00	Post		1061.08	7366
1987	7	11	0	4	29	36.103	-83.817	25	3.39	3.40	Post		789.94	1144
1987	9	22	17	23	50	35.623	-84.311	19	3.29	3.30	Post		745.66	1146
1987	9	29	0	4	57	36.84	-89.21	5	4.49	4.50	Post		1061.37	1147
1987	11	27	18	58	29	36.848	-83.099	14	3.49	3.50	Post		865.99	1149
1987	12	8	1	42	40.3	36.06	-98.02	5	3.69	3.70	Post		1649.91	9070

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1988	1	9	1	7	40	35.275	-84.201	12	3.29	3.30	Post		705.68	1150
1988	1	23	1	57	16	32.935	-80.157	7	3.29	3.30	Post		489.62	1151
1988	1	31	9	24	36.3	29.94	-105.08	5	3.49	4.00	Post		2216.01	9864
1988	1	31	0	12	43	35.681	-90.465	10	3.99	3.50	Post		1042.28	1152
1988	2	16	15	26	54	36.561	-82.304	5	3.19	3.20	Post		833.43	1153
1988	2	18	0	37	45	35.366	-83.853	5	3.49	3.50	Post		709.47	1154
1988	2	27	15	17	7	36.68	-89.52	15	3.19	3.20	Post		1064.67	7392
1988	12	25	15	57	57	34.189	-92.702	13	3.29	3.30	Post		1114.71	1158
1988	12	31	14	24	20	36.185	-89.428	5	3.49	3.50	Post		1017.08	1159
1989	1	29	5	7	15.33	35.22	-104.09	7	3.39	3.40	Post		2163.36	9716
1989	4	15	16	39	51	36.557	-89.711	5	2.99	3.00	Post		1065.2	1160
1989	4	27	16	47	49	36.006	-89.768	10	4.39	4.40	Post		1022.83	1161
1989	5	14	0	16	9	36.74	-89.71	2	3.69	3.70	Post		1080.72	1162
1989	7	20	6	7	50.42	36.43	-98.88	5	3.09	3.10	Post		1739.26	9080
1989	8	20	0	3	17	34.736	-87.645	10	3.89	3.90	Post		788.96	1164
1989	9	14	17	31	28	36.545	-89.62	11	3.39	3.40	Post		1058.86	1165
1989	11	29	6	54	38.5	34.46	-106.89	13	4.69	4.70	Post		2415	9717
1989	12	25	8	29	26	35.245	-90.744	5	3.19	3.20	Post		1029.48	1166
1990	1	29	13	16	10.68	34.46	-106.88	12	4.79	4.80	Post		2414.04	9508
1990	2	21	12	2	19.34	34.01	-106.54	5	3.59	3.60	Post		2374.89	9865
1990	3	18	16	22	33	36.72	-91.49	5	2.99	3.00	Post		1189.35	1169
1990	5	5	16	26	22.89	34.45	-106.88	6	3.59	3.60	Post		2413.89	9719
1990	6	23	20	44	2	33.72	-87.946	0	3.09	3.10	Post		723.5	1172
1990	7	21	19	28	22.79	34.46	-106.86	11	2.99	3.00	Post		2412.1	9720
1990	7	22	21	27	5.13	34.84	-106.01	10	3.69	3.70	Post		2336.58	9723
1990	7	31	7	32	40.18	34.46	-106.86	7	3.29	3.30	Post		2412.1	9724
1990	8	7	5	5	56	36.85	-89.24	6	2.99	3.00	Post		1063.9	1173
1990	8	17	21	1	17	36.794	-83.34	10	3.79	3.80	Post		861.45	1174
1990	8	29	19	34	59	35.83	-89.66	13	3.49	3.50	Post		1001.8	1175

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1990	11	8	10	46	53.77	34.45	-106.86	6	4.39	4.40	Post		2411.96	9562
1990	11	9	3	39	15	36.54	-89.62	8	3.49	3.50	Post		1058.43	1179
1990	11	10	12	18	16.85	34.45	-106.85	7	3.09	3.10	Post		2410.99	9726
1990	11	13	15	22	13	32.947	-80.136	3	3.19	3.20	Post		491.75	1180
1990	11	15	11	45	35	35.603	-93.042	28.5	3.49	3.50	Post		1222.72	7459
1990	11	15	11	44	41.4	34.76	-97.59	5	3.59	3.90	Post		1558.54	9512
1990	11	15	7	25	24.38	34.46	-106.86	6	3.89	3.60	Post		2412.1	9727
1991	1	24	5	0	26.9	36.38	-97.3	5	2.99	3.00	Post		1605	9088
1991	2	6	10	3	2.72	28.43	-106.33	5	3.89	3.90	Post		2362.08	9563
1991	2	11	0	0	6	35.98	-89.95	14	2.99	3.00	Post		1032.1	1184
1991	5	4	1	18	54	36.564	-89.823	5	4.69	4.70	Post		1072.39	1187
1991	6	5	18	44	14.9	34.45	-106.85	4	2.99	3.00	Post		2410.99	9731
1991	6	20	16	5	0	33.62	-106.47	0	3.49	3.50	Post		2363.41	9866
1991	7	7	21	24	2	36.658	-91.643	5	3.89	3.90	Post		1194.79	1190
1991	7	8	23	49	7	36.14	-89.44	12	2.99	3.00	Post		1014	1191
1991	7	20	23	38	19.21	28.91	-98.04	10	3.59	3.60	Post		1513.67	9090
1991	9	24	7	21	6	35.711	-84.095	5	3.09	3.10	Post		751.2	1193
1991	10	3	11	46	4	36.841	-89.432	5	3.09	3.10	Post		1073.69	1194
1991	10	30	14	54	13	34.904	-84.713	0	3.09	3.10	Post		677.93	1195
1991	11	13	9	43	15	35.72	-90.27	9	2.99	3.00	Post		1032.28	1197
1991	11	16	3	39	2.01	25.9	-100.58	5	3.59	3.60	Post		1829.91	9092
1991	12	9	12	47	16.5	34.85	-106.55	14	3.09	3.10	Post		2388.4	9513
1992	1	2	11	45	35.61	32.33	-103.1	5	4.99	5.00	Post		2019.81	9514
1992	1	3	4	21	22	33.946	-82.465	5	3.19	3.20	Post		542.12	1198
1992	2	22	4	21	34.65	26.36	-78.89	10	3.19	3.20	Post		476.12	9564
1992	2	23	16	17	52.51	30.65	-105.51	5	3.39	3.40	Post		2256.05	9515
1992	3	31	14	59	39.64	26.02	-85.73	5	3.79	3.80	Post		458.03	9565
1992	4	3	3	6	3	35.828	-89.479	12	3.29	3.30	Post		990.43	1199
1992	4	30	0	1	30	36.92	-90.41	5	3.09	3.10	Post		1137.15	1200

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1992	7	30	14	40	55.87	24.7	-99.78	10	4.29	4.30	Post		1791.28	9566
1992	8	21	16	31	55	33.05	-80.116	10	4.19	4.20	Post		502.67	1201
1992	8	26	3	24	52.67	32.17	-102.71	5	2.99	3.00	Post		1980.07	9095
1992	9	11	16	34	12	33.171	-87.501	0	2.99	3.00	Post		651.26	1203
1992	9	27	17	2	34.31	28.17	-88.44	10	3.79	3.80	Post		577.86	9096
1992	10	1	1	31	48.97	27.83	-102.37	5	3.79	3.80	Post		1965.15	9097
1992	11	10	17	16	47	35.644	-84.132	0	2.99	3.00	Post		744.54	1204
1992	12	17	7	18	4.27	34.74	-97.58	5	3.59	3.60	Post		1556.9	9099
1993	1	1	5	8	5	35.877	-82.09	3	2.99	3.00	Post		758.44	1206
1993	1	8	13	1	18	35.83	-90.03	21	3.49	3.50	Post		1025.24	1207
1993	1	14	17	6	10.45	36.6	-98.28	5	3.09	3.10	Post		1696.78	9100
1993	1	15	2	2	51	35.075	-84.974	1	3.09	3.10	Post		703.48	1208
1993	1	21	19	46	19	36.222	-89.617	13	2.99	3.00	Post		1031.45	1209
1993	2	6	2	9	45	36.66	-89.73	7	3.49	3.50	Post		1075.05	1211
1993	2	28	21	48	1.33	26.06	-101.93	5	3.79	3.80	Post		1961.58	9102
1993	3	2	0	29	11	36.67	-89.49	8	3.09	3.10	Post		1062.09	1212
1993	3	16	7	38	10	35.67	-90.55	10	3.19	3.20	Post		1047.17	1213
1993	3	24	2	32	3.5	35.39	-104.19	5	2.99	3.00	Post		2176.8	9105
1993	3	31	20	23	21	36.79	-89.42	5	3.29	3.30	Post		1068.57	1214
1993	4	9	12	29	19.17	28.81	-98.12	5	4.29	4.30	Post		1522.61	9107
1993	4	28	22	40	1	36.19	-89.44	7	3.59	3.60	Post		1018.21	1215
1993	6	10	15	10	0	33.62	-106.47	0	3.19	3.20	Post		2363.41	9867
1993	7	16	10	54	32	31.747	-88.341	5	3.69	3.70	Post		624.75	1216
1993	8	5	7	21	37	36	-89.88	11	2.99	3.00	Post		1029.32	1217
1993	8	8	9	24	31	33.633	-81.595	5	3.19	3.20	Post		516.4	1218
1993	9	29	2	1	19.06	35.87	-102.98	5	3.29	3.30	Post		2078.76	9115
1993	11	30	3	7	31.82	35.86	-103.03	5	3.29	3.30	Post		2083	9734
1993	12	5	0	58	20.23	27.83	-102.74	5	4.69	4.70	Post		2002.88	9567
1993	12	22	19	25	11.39	33.33	-105.68	10	3.19	3.20	Post		2282.85	9735

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1994	1	5	23	0	56	25.89	-106.93	10	3.79	3.80	Post		2481.55	9568
1994	4	5	22	21	59	34.961	-85.493	5	3.19	3.20	Post		708.77	1222
1994	4	29	3	28	58.68	36.25	-98.09	5	2.99	3.00	Post		1664.49	9118
1994	5	4	9	12	2	34.198	-87.174	5	2.99	3.00	Post		715.03	1224
1994	6	10	23	34	2	33.013	-92.671	5	3.19	3.20	Post		1056.61	1225
1994	6	30	1	8	24.22	27.91	-90.18	10	4.19	4.20	Post		752.02	9569
1994	8	6	19	54	12	35.101	-76.786	0	3.79	3.80	Post		867.91	1226
1994	8	19	16	3	31	35.508	-89.919	10.6	3.19	3.20	Post		992.81	7539
1994	8	20	10	45	44	36.136	-91.058	5	3.49	3.50	Post		1116.37	1227
1994	9	26	14	23	22	36.929	-88.935	5	3.59	3.60	Post		1054.63	1228
1995	1	18	15	51	39.42	34.77	-97.6	5	4.19	4.20	Post		1559.81	9525
1995	1	31	11	33	52.17	27.74	-105.11	10	3.49	3.50	Post		2247.88	9570
1995	3	18	22	6	21	35.425	-84.922	17	3.29	3.30	Post		738.97	1230
1995	3	19	18	36	43.97	35	-104.21	5	3.29	3.30	Post		2169.46	9128
1995	4	5	5	31	16.23	35.2	-99.03	5	2.99	3.00	Post		1702.2	9130
1995	4	14	0	32	56.17	30.28	-103.35	17	6.09	6.08	Post		2038.73	9893
1995	4	17	13	45	57	32.947	-80.068	10	3.89	3.90	Post		494.91	1231
1995	5	27	19	51	10	36.17	-89.43	6	3.49	3.50	Post		1015.93	1232
1995	5	31	19	57	36.23	24.95	-103.87	10	3.79	3.80	Post		2194.04	9571
1995	6	1	4	49	29.32	34.29	-96.73	5	2.99	3.00	Post		1464.79	9152
1995	6	26	0	36	17	36.747	-81.452	5	3.49	3.50	Post		860.58	1233
1995	7	4	3	59	4.53	36.25	-104.81	5	3.79	3.80	Post		2256.54	9868
1995	7	5	14	16	44	35.366	-84.212	10	3.69	3.70	Post		715.78	1234
1995	7	7	21	1	2	36.515	-81.873	11	2.99	3.00	Post		830.75	1235
1995	7	20	2	10	34	36.528	-89.632	5	2.99	3.00	Post		1058.11	1236
1995	8	17	23	18	50	36.102	-89.409	5	3.09	3.10	Post		1008.96	1237
1995	9	15	0	31	33.26	36.87	-98.69	5	4.09	4.10	Post		1743.7	9165
1996	3	24	20	19	23.1	34.27	-105.69	10	3.69	3.70	Post		2296.27	9171
1996	3	25	14	15	50	32.131	-88.671	5	3.49	3.30	Post		2036.46	1238

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1996	3	25	6	43	47	35.61	-102.601	5	3.29	3.50	Post		672.44	7580
1996	3	25	6	43	46.86	35.61	-102.6	5	3.49	3.50	Post		2036.55	9172
1996	4	11	21	54	57	34.969	-91.162	5	3.29	3.30	Post		1040.65	1239
1996	7	22	10	6	14.98	34.2	-105.71	10	3.49	3.50	Post		2297.11	9176
1996	8	11	18	17	49	33.577	-90.874	10	3.39	3.40	Post		932.38	1240
1996	11	23	10	54	18.5	35.04	-100.5	5	2.99	3.00	Post		1828.39	9181
1996	11	29	10	47	9	36.29	-89.37	5	3.59	3.60	Post		1025.75	1241
1996	11	29	5	41	33	35.919	-89.927	20	4.19	4.20	Post		1022.57	1242
1997	2	15	9	8	55.46	34.97	-100.57	5	3.19	3.20	Post		1832.55	9188
1997	3	16	19	7	27.95	34.21	-93.43	5	3.39	3.40	Post		1176.23	9190
1997	3	24	22	31	34.56	27.72	-98.05	5	3.79	3.80	Post		1531.09	9191
1997	4	18	14	57	35.39	25.78	-86.55	33	3.89	3.90	Post		534.14	9573
1997	5	4	3	39	12	31	-87.4	5	3.09	3.10	Post		507.99	1244
1997	5	19	19	45	36	34.622	-85.353	0	3.09	3.10	Post		669.04	1245
1997	5	20	9	41	5.82	34.19	-105.74	10	3.19	3.20	Post		2299.86	9194
1997	5	31	3	26	41.34	33.18	-95.97	5	3.39	3.40	Post		1358.31	9195
1997	7	19	17	6	34	35.056	-84.808	10	3.49	3.50	Post		696.68	1246
1997	7	30	12	29	23	36.436	-83.509	5	3.79	3.80	Post		823.2	1247
1997	9	6	23	38	0.91	34.66	-96.43	5	4.49	4.50	Post		1452.98	9526
1997	9	17	18	16	31	35.619	-90.457	5	3.79	3.80	Post		1037.06	1248
1997	9	24	4	20	24	36.545	-89.817	5	3.19	3.20	Post		1070.44	1250
1997	9	27	12	14	9	36.201	-89.484	5	2.99	3.00	Post		1021.75	1251
1997	10	24	8	35	17	31.118	-87.339	10	4.89	4.90	Post		508.15	1252
1998	1	4	8	5	31.87	34.55	-106.19	5	3.99	4.00	Post		2348.86	9872
1998	2	12	9	37	49	36.123	-89.712	10	2.99	3.00	Post		1028.98	1253
1998	4	8	18	16	49	36.94	-89.02	13	3.19	3.20	Post		1060.1	1254
1998	4	13	9	56	11	34.61	-80.466	5	3.79	3.80	Post		648.7	1255
1998	4	15	10	33	42.42	30.19	-103.3	10	3.59	3.60	Post		2034.01	9218
1998	4	27	15	22	46.25	35.45	-102.38	5	3.19	3.20	Post		2011.7	9219

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
1998	4	28	14	13	1.68	34.78	-98.42	5	4.19	4.20	Post		1632.85	9220
1998	6	5	2	31	1	35.479	-80.821	5	3.19	3.20	Post		732.41	1256
1998	6	17	8	0	23	35.926	-84.405	10	3.59	3.60	Post		780.43	1257
1998	6	24	15	20	1	32.501	-87.954	5	3.39	3.40	Post		636.93	1258
1998	7	6	6	54	3.79	25.02	-93.63	10	3.39	3.40	Post		1185.92	9574
1998	7	7	18	44	44.46	34.72	-97.59	5	3.19	3.20	Post		1557.03	9225
1998	7	14	5	38	48.75	35.34	-103.47	5	2.99	3.00	Post		2108.79	9737
1998	7	15	4	24	51	36.69	-89.52	13	3.09	3.10	Post		1065.53	1259
1998	10	30	17	41	22.2	36.8	-97.6	5	3.49	3.50	Post		1650.71	9527
1999	1	17	18	38	4	36.854	-83.691	5	2.99	3.00	Post		871.25	1261
1999	3	14	22	43	17.97	32.59	-104.63	1	3.99	4.00	Post		2172.55	9738
1999	5	30	19	4	25.6	32.58	-104.66	10	3.89	3.90	Post		2175.43	9740
1999	8	23	12	12	41	36.264	-89.503	9	3.09	3.10	Post		1028.18	1262
1999	10	21	8	18	0	36.49	-91.02	19	3.79	3.80	Post		1140.9	1263
1999	10	25	23	19	58.37	36.85	-99.66	26	2.99	3.00	Post		1823.89	9528
2000	1	18	22	19	31	32.993	-83.214	5	3.49	3.50	Post		439.51	1264
2000	5	28	11	32	7	33.809	-87.82	5	2.99	3.00	Post		722.19	1266
2000	6	15	23	17	14.63	25.45	-101	33	4.59	4.60	Post		1886.34	9576
2000	6	27	1	28	45	35.8	-92.75	0	3.79	3.80	Post		1213.1	1268
2000	8	17	1	8	5.45	35.39	-101.81	5	3.89	3.90	Post		1958.02	9254
2000	8	22	20	12	14	36.492	-91.106	8	3.89	3.90	Post		1146.66	1269
2000	9	20	6	24	59	24.62	-99.93	33	4.39	4.40	Post		1809.21	9824
2000	12	9	6	46	9.12	28.03	-90.17	10	5.06	5.05	Post		748.43	9894
2000	12	16	22	8	54	35.4	-101.8	5	3.89	3.90	Post		1957.41	9256
2001	3	3	10	46	13	33.19	-92.66	5	2.99	3.00	Post		1063.18	1271
2001	3	7	17	12	25	35.51	-84.81	6	3.19	3.20	Post		745	1272
2001	3	16	4	39	7.68	28.36	-89.03	10	3.59	3.60	Post		631.34	9577
2001	3	21	23	35	35	34.857	-85.439	3	3.19	3.20	Post		696.18	1273
2001	4	13	16	36	20	36.53	-83.34	0	2.99	3.00	Post		832.17	1274

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
2001	5	4	6	42	12	35.205	-92.194	10	4.49	4.50	Post		1133.26	1275
2001	6	2	1	55	53.72	32.33	-103.14	5	3.29	3.30	Post		2023.73	9258
2001	6	11	18	27	54.25	30.23	-79.89	10	3.29	3.30	Post		293.82	9259
2001	7	7	20	45	42	36.279	-89.396	14	2.99	3.00	Post		1023.16	1276
2001	7	26	5	26	44	35.932	-83.575	5	3.19	3.20	Post		768.14	1277
2001	8	4	1	13	25.38	34.29	-93.21	5	3.09	3.10	Post		1161.9	9264
2001	11	22	0	7	8.02	31.79	-102.63	5	3.09	3.10	Post		1969.22	9268
2001	12	8	1	8	21	34.735	-86.245	5	3.89	3.90	Post		716.88	1278
2001	12	15	7	58	31.36	36.86	-104.8	5	3.29	3.30	Post		2273.49	9270
2002	1	26	1	6	3.86	36.86	-104.784	5	3.39	3.40	Post		2272.05	7764
2002	2	8	16	7	13.6	34.727	-98.361	5	3.79	3.80	Post		1625.7	7766
2002	5	21	20	35	34	32.797	-88.102	5	3.09	3.10	Post		667.62	1280
2002	5	27	0	28	16.99	27.117	-94.442	10	3.79	3.80	Post		1186.7	7778
2002	5	31	9	57	10.02	34.025	-97.619	5	3.29	3.30	Post		1535.12	7780
2002	6	19	12	14	20.3	36.568	-103.028	5	3.69	3.70	Post		2105.33	7784
2002	7	26	21	7	3	33.06	-80.195	10	2.99	3.00	Post		500.11	7787
2002	9	17	23	34	19.35	32.576	-104.631	10	3.29	3.30	Post		2172.54	7793
2002	9	19	14	44	36.15	27.822	-89.135	10	3.69	3.70	Post		653.32	7794
2002	10	20	2	18	13	34.274	-96.079	5	3.39	3.40	Post		1406.73	7796
2002	10	26	20	5	55	33.95	-90.72	5	3.09	3.10	Post		941.99	1282
2002	11	11	23	39	29	32.404	-79.936	2	4.39	4.40	Post		450.78	1283
2002	11	14	4	56	52.26	36.917	-104.768	5	3.19	3.20	Post		2272.37	7801
2003	3	18	6	4	24	33.689	-82.888	5	3.49	3.50	Post		513.94	1284
2003	4	13	4	52	53.92	26.09	-86.08	10	3.19	3.20	Post		476.33	9580
2003	4	28	7	32	26.04	36.844	-104.923	5	3.59	3.60	Post		2284.09	7811
2003	4	29	8	59	39	34.494	-85.629	19	4.39	4.40	Post		666.72	1285
2003	4	30	4	56	22	35.92	-89.92	23	3.99	4.00	Post		1025.39	1286
2003	5	5	10	53	49.9	33.055	-80.19	11.4	3.09	3.10	Post		499.84	7818
2003	6	6	12	29	34	36.87	-88.98	2	3.89	3.90	Post		1051.68	1289

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
2003	6	15	0	22	17.97	36.91	-104.763	5	3.59	3.60	Post		2271.71	7824
2003	6	21	2	3	9.56	32.665	-104.505	5	3.59	3.60	Post		2160.9	7825
2003	7	13	20	15	16	32.335	-82.144	5	3.59	3.60	Post		365.52	1291
2003	7	29	21	52	46.86	24.595	-105.12	10	4.49	4.50	Post		2334.66	7832
2003	8	14	0	11	8.96	36.945	-104.87	5	3.29	3.30	Post		2282.42	7835
2003	8	16	5	9	24	36.82	-91.52	3	3.49	3.50	Post		1198.98	1292
2003	9	13	15	22	40.99	36.831	-104.907	5	3.79	3.80	Post		2282.25	7837
2003	9	24	15	2	9.09	35.277	-101.742	5	3.29	3.30	Post		1948.44	7839
2003	9	30	2	28	3	31.115	-87.52	5	3.29	3.30	Post		523.69	1295
2003	10	10	14	48	14.56	23.149	-84.966	10	4.39	4.40	Post		699.99	7844
2003	12	22	23	50	26	32.924	-80.157	5.6	2.99	3.00	Post		488.55	7853
2004	2	3	14	34	22.57	36.932	-104.861	5	3.39	3.40	Post		2281.21	7856
2004	3	22	12	9	56.46	36.855	-104.851	5	4.39	4.40	Post		2277.93	7862
2004	4	6	19	1	2.7	25.172	-99.532	37.7	4.49	4.50	Post		1749.18	7865
2004	5	9	8	56	10.43	33.231	-86.96	5	3.29	3.30	Post		620.29	1298
2004	5	23	9	22	5.28	32.525	-104.566	5	3.99	4.00	Post		2165.71	7870
2004	5	24	21	36	28.56	34.465	-106.899	5	3.49	3.50	Post		2415.95	7871
2004	6	4	12	14	17.93	23.917	-100.793	13.1	3.59	3.60	Post		1923	7876
2004	6	8	0	15	9.99	34.233	-97.254	5	3.49	3.50	Post		1509.36	7877
2004	6	15	8	34	21	36.73	-89.68	4	3.39	3.40	Post		1078.13	1299
2004	6	18	19	20	56.4	27.027	-86.997	10	3.50	3.51	Post		486.71	999999
2004	7	16	3	25	17	36.86	-89.18	4	3.59	3.60	Post		1061.52	1300
2004	7	20	9	13	14.44	32.972	-80.248	10	3.09	3.10	Post		489.13	1301
2004	8	1	6	50	47.63	36.874	-105.104	5	4.45	4.43	Post		2301.34	7887
2004	8	19	23	51	49.42	33.203	-86.968	5	3.49	3.50	Post		618.52	1302
2004	8	26	18	45	18.62	32.582	-104.505	5	3.39	3.40	Post		2160.17	7890
2004	9	17	15	21	43.61	36.932	-84.006	1	3.69	3.70	Post		883.7	1304
2004	10	28	2	59	4.82	32.604	-104.499	5	2.99	3.00	Post		2159.77	7899
2004	11	7	11	20	21.43	32.649	-87.933	5	4.39	4.40	Post		645.03	1305

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R ^(a) (km)	Event No.
2004	11	14	21	27	49.9	33.253	-106.201	5	3.49	3.50	Post		2333.24	7902
2004	11	22	23	42	13.45	34.864	-97.672	5	2.99	3.00	Post		1569.74	7904
2004	11	30	23	59	34.2	36.936	-83.893	10	2.99	3.00	Post		882.65	7906
2004	12	23	6	54	21	35.43	-84.2	8	2.99	3.00	Post		722.5	1306
2005	1	5	3	37	56.76	27.75	-104.987	5	3.19	3.20	Post		2234.99	7909
2005	2	10	14	4	54	35.76	-90.25	15	4.09	4.10	Post		1034.05	1307
2005	2	18	14	21	54	34.05	-81.11	5	3.09	3.10	Post		571.77	7914
2005	3	18	1	2	16.3	35.723	-84.164	9.1	3.19	3.20	Post		753.73	7915
2005	3	22	8	11	50.51	31.836	-88.06	5	3.29	3.30	Post		605.85	7916
2005	4	3	14	39	16.97	28.393	-100.305	5	3.49	3.50	Post		1746.88	7917
2005	4	22	5	17	4.09	34.179	-95.192	5	2.99	3.00	Post		1325.34	7921
2005	4	24	11	2	35.9	36.92	-105.07	5	3.39	3.40	Post		2299.66	7922
2005	5	1	12	37	32	35.83	-90.15	9.7	4.09	4.10	Post		1032.98	7924
2005	6	2	11	35	11	36.15	-89.47	15.1	3.89	3.90	Post		1016.63	7929
2005	6	20	12	21	42	36.92	-89	18.7	3.59	3.60	Post		1057.24	7932
2005	7	4	10	45	24.5	36.86	-105.097	5	2.99	3.00	Post		2300.28	7933
2005	7	8	6	24	1.12	36.938	-104.886	5	2.99	3.00	Post		2283.64	7934
2005	8	10	22	8	22.61	36.947	-104.833	5	5.17	5.16	Post		2279.15	7936
2005	8	25	3	9	41.7	35.887	-82.803	6	3.69	3.70	Post		758.09	7942
2005	10	12	6	27	30.1	35.509	-84.544	8.1	3.79	3.80	Post		738.36	7943
2005	12	19	20	27	40.37	32.528	-104.549	5	4.19	4.21	Post		2164.06	7951
2005	12	20	0	52	20.51	30.258	-90.708	5	2.99	3.00	Post		794.6	7952
2006	2	10	4	14	17.8	27.597	-90.163	5	5.55	5.54	Post		758.26	7960
2006	2	18	5	49	41.45	35.672	-101.794	5	3.49	3.50	Post		1965.34	7961
2006	3	15	8	30	25.86	35.091	-96.3	5	2.99	3.00	Post		1460.28	7967
2006	3	20	17	55	29.12	32.6	-104.563	5	2.99	3.00	Post		2166.04	7968
2006	3	28	23	55	11.49	35.363	-101.871	5	2.99	3.00	Post		1962.75	7969
2006	4	5	18	46	23.14	34.069	-97.314	5	2.99	3.00	Post		1509.06	7970
2006	4	8	15	59	43.25	28.01	-105.123	10	3.59	3.60	Post		2244.27	7971

**Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report
Appendix 2AA
Earthquake Catalog**

Year	Month	Day	Hour	Minute	Second	Latitude	Longitude	Depth	mb*	Final mb	Type	EPRI Flag	R^(a) (km)	Event No.
2006	4	11	3	29	21	35.36	-84.48	19.6	3.29	3.30	Post		720.84	7974
2006	4	17	16	25	12.29	24.432	-100.091	16.6	4.09	4.10	Post		1832.52	7975
2006	5	10	12	17	29	35.53	-84.4	24.6	3.19	3.20	Post		737.42	7976
2006	5	26	6	14	25.12	36.795	-104.832	5	3.09	3.10	Post		2274.38	7979
2006	6	16	0	57	27	35.51	-83.2	1.4	3.39	3.40	Post		718.02	7980
2006	7	11	11	53	37.78	36.964	-104.929	5	3.19	3.20	Post		2288.31	7982
2006	9	7	13	51	13	36.27	-89.5	7.6	3.29	3.30	Post		1028.51	7989
2006	9	10	14	56	8.16	26.319	-86.606	14	6.09	6.08	Post		498.45	7990
2006	9	22	11	22	1	34.7	-79.75	5	3.49	3.50	Post		682.21	7991
2006	9	25	5	44	25.09	34.746	-79.876	5	3.69	3.70	Post		682.26	7992
2006	10	6	22	13	16.78	34.122	-97.625	5	3.49	3.50	Post		1538.86	7995
2006	10	18	20	59	21	36.54	-89.64	7.7	3.39	3.40	Post		1059.6	7999
2006	12	18	8	34	27	35.36	-84.35	17.8	3.29	3.30	Post		717.97	7004

a) Distance from LNP site.