

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
1	1758	3	23	2	58	0	39.5	-76	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		1032.6
2	1758	4	25	2	30	0	38.9	-76.5	0	4.32	3.98	4.06	3.7	0.56	EPRI	203	38.9	-76.5	5	MAIN	963.3
3	1763	10	14	0	0	0	40	-75.2	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		1120
4	1772	4	25	13	0	0	39.8	-75.5	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		1086.6
5	1774	2	21	19	0	0	37.2	-77.4	0	4.7	4.6	4.5	4.4	0.3	EPRI	222	37.2	-77.4	6	MAIN	818.8
6	1775	3	16	19	15	0	37.7	-78.8	0	3.64	3.3	3.47	3.11	0.56	EPRI	226	37.7	-78.8	4	MAIN	722.9
7	1776	1	1	0	0	0	39.9	-82	0	4.33	4	4.65	4.3	0.55	EPRI	227	39.9	-82	6	MAIN	674.9
8	1776	11	5	0	0	0	35.2	-83	0	3.64	3.3	3.47	3.11	0.56	EPRI	228	35.2	-83	4	MAIN	273.2
9	1777	11	16	7	0	0	36	-84	0	3.64	3.3	3.47	3.11	0.56	EPRI	120055	36	-84	4	MAIN	227
10	1779	2	13	0	0	0	40.2	-81.9	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		707.8
11	1790	12	23	8	0	0	39.3	-76.61	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		975.4
12	1791	1	13	9	0	0	37.7	-78.8	0	3.64	3.3	3.47	3.11	0.56	EPRI	246	37.7	-78.8	4	MAIN	722.9
13	1791	1	15	10	0	0	37.5	-77.5	0	3.64	3.3	3.47	3.11	0.56	EPRI	247	37.5	-77.5	4	MAIN	821
14	1791	4	0	0	0	0	38	-83	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		451.2
15	1795	1	8	9	0	0	39	-89.9	0	3.74	3.4	4.06	3.7	0.56	EPRI	277	39	-89.9	5	MAIN	594.4
16	1799	4	11	8	20	0	32.9	-80	0	4.74	4.4	4.06	3.7	0.56	EPRI	280	32.9	-80	5	158	584.8
17	1800	11	20	9	45	0	40.12	-76.39	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		1038.4
18	1802	8	23	10	0	0	37.4	-79.1	0	3.84	3.5	4.06	3.7	0.56	EPRI	287	37.4	-79.1	5	MAIN	684.8
19	1804	2	21	0	0	0	37.92	-89.92	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		505.9
20	1804	5	5	0	0	0	39.1	-84.2	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		512.8
21	1807	5	1	9	0	0	37.4	-79.1	0	3.84	3.5	4.06	3.7	0.56	EPRI	304	37.4	-79.1	5	MAIN	684.8
22	1811	11	27	8	0	0	36.1	-80.2	0	3.64	3.3	3.47	3.11	0.56	EPRI	311	36.1	-80.2	4	MAIN	543.2
23	1811	12	16	8	15	0	36	-89.96	0	7.24	7.2	7.2	7.15	0.2	EPRI	312	36	-90	11	MAIN	393
24	1812	1	23	15	0	0	36.8	-89.5	0	7.14	7.1	7.1	7.05	0.2	EPRI	313	36.3	-89.6	10.5	182	397.7
25	1812	2	2	9	30	0	37.6	-77.4	0	3.64	3.3	3.47	3.11	0.56	EPRI	314	37.6	-77.4	4	MAIN	833.1
26	1812	2	7	9	45	0	36.3	-89.4	0	7.44	7.4	7.4	7.35	0.2	EPRI	316	36.5	-89.6	11	182	360.9
27	1812	4	22	4	0	0	37.5	-77.5	0	3.64	3.3	3.47	3.11	0.56	EPRI	318	37.5	-77.5	4	184	821
28	1816	7	25	15	0	0	36.6	-89.5	0	3.34	3	3.17	2.81	0.56	EPRI	323	36.6	-89.5	3.5	MAIN	385.5
29	1817	1	16	0	0	0	38.68	-87.51	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		464.2
30	1817	1	8	9	0	0	32.9	-80	0	5.1	5	5	4.9	0.3	EPRI	331	36	-80.2	5	MAIN	584.8
31	1817	12	11	0	0	0	38.5	-84.5	0	4.7	4.36	3.47	3.11	0.56	EPRI	342	38.5	-84.5	4	MAIN	441.3
32	1818	4	11	20	0	0	38.6	-90.2	0	3.34	3	3.17	2.81	0.56	EPRI	344	38.6	-90.2	3.5	MAIN	577.2
33	1818	8	14	14	36	0	36.09	-84.13	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		224.7
34	1819	9	2	8	0	0	37.7	-89.7	0	3.5	3.4	4.2	4.1	0.3	EPRI	3482	37.7	-89.7	5	MAIN	475
35	1820	1	1	0	0	0	36.6	-89.5	0	3.34	3	3.17	2.81	0.56	EPRI	353	36.6	-89.5	3.5	MAIN	385.5
36	1820	9	3	8	30	0	33.4	-79.3	0	3.64	3.3	3.47	3.11	0.56	EPRI	354	33.4	-79.3	4	MAIN	629.4
37	1820	11	9	22	0	0	37.3	-89.5	0	3.74	3.4	4.06	3.7	0.56	EPRI	355	37.3	-89.5	5	209216	432
38	1821	1	25	23	57	0	39.77	-75.88	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		1056.1
39	1821	3	4	9	0	0	40.03	-76.5	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		1025
40	1821	5	11	4	0	0	39.3	-76.61	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		975.4
41	1822	11	9	15	30	0	39.95	-82.01	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		679.2
42	1822	12	4	0	0	0	39.3	-76.61	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		975.4
43	1824	7	15	16	20	0	39.7	-80.5	0	4.44	4.1	3.47	3.11	0.56	EPRI	369	39.7	-80.5	4	MAIN	735.7
44	1824	8	22	0	0	0	34.83	-87.67	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		159.4
45	1825	5	1	11	0	0	40.55	-77.15	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		1012.4
46	1826	1	7	4	0	0	36.3	-89.4	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		360.9
47	1827	5	11	0	0	0	36.1	-81.2	0	3.64	3.3	3.47	3.11	0.56	EPRI	370	36.1	-81.2	4	MAIN	456.8

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
48	1827	7	5	11	30	0	38	-87.5	0	4.9	4.8	5	4.9	0.3	EPRI	371	38	-87.5	6	MAIN	392.6
49	1828	3	9	0	0	0	37	-80	0	4.9	4.8	5	4.9	0.3	EPRI	380	37	-80	5	MAIN	593.4
50	1830	3	29	7	0	0	39.65	-77.72	9	4.04	3.7	0	0	0.56	Added	0	0	0	0		913.9
51	1831	4	2	14	0	0	37.73	-88.34	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		400
52	1833	8	27	11	0	0	37.7	-78	0	4.7	4.6	5	4.9	0.3	EPRI	401	37.7	-78	6	MAIN	787.6
53	1834	2	5	22	30	0	39.85	-76.14	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		1041.1
54	1834	11	20	19	40	0	38.65	-83.8	0	3.74	3.4	4.06	3.7	0.56	EPRI	402	38	-86	5	MAIN	478.5
55	1835	9	5	22	30	0	38.38	-88.06	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		451
56	1835	10	7	12	0	0	38.6	-90.38	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		588
57	1838	6	9	14	45	0	38.5	-88	0	5.1	5	5	4.9	0.3	EPRI	408	38.5	-88	7	MAIN	460.9
58	1839	9	5	0	0	0	38.6	-83.8	0	3.44	3.1	3.47	3.11	0.56	EPRI	409	38.6	-83.8	4	MAIN	473.4
59	1840	1	30	9	0	0	38.64	-90.24	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		582.8
60	1841	12	28	5	50	0	36.6	-89.2	0	4.3	4.2	4.64	4.54	0.3	EPRI	421	36.6	-89.2	5.5	MAIN	363
61	1842	3	0	0	0	0	36.56	-89.19	0	4.74	4.4	0	0	0.56	Added	0	0	0	0		359.8
62	1842	5	28	5	0	0	36.6	-89.2	0	3.44	3.1	3.47	3.11	0.56	EPRI	422	36.6	-89.2	4	251	363
63	1842	11	4	8	30	0	36.9	-89.9	0	3.74	3.4	4.06	3.7	0.56	EPRI	4242	36.6	-89.2	5	251	433.6
64	1843	1	5	2	45	0	36.09	-90.36	0	5.5	5.4	5.8	5.7	0.3	EPRI	427	35.5	-89.6	7	MAIN	430.3
65	1843	6	20	4	0	0	40.11	-83.75	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		631.7
66	1843	8	1	2	0	0	34.77	-89.45	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		321.8
67	1843	8	9	0	0	0	35.6	-87.1	0	4.2	4.1	4.2	4.1	0.3	EPRI	434	35.6	-87.1	3.5	MAIN	145.6
68	1843	9	30	0	0	0	38.63	-83.78	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		477.2
69	1844	7	19	22	30	0	36	-89.4	0	4.98	4.88	0	0	0.3	Added	0	0	0	0		346.2
70	1844	11	28	8	0	0	35.79	-83.27	0	3.93	3.6	4.65	4.3	0.55	EPRI	439	36	-83.9	6	MAIN	270.5
71	1845	12	24	3	30	0	35.5	-90.4	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		416.4
72	1846	2	28	13	50	0	39	-84.5	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		494.7
73	1846	5	8	17	0	0	36.6	-89.5	0	4.6	4.5	0	0	0.3	Added	0	0	0	0		385.5
74	1848	4	6	11	0	0	39.5	-82.4	0	4	3.9	0	0	0.3	Added	0	0	0	0		619
75	1849	3	13	17	0	0	36.4	-89.4	0	4.72	4.62	0	0	0.3	Added	0	0	0	0		366.3
76	1850	4	5	2	5	0	37	-88	0	4.4	4.3	4.67	4.57	0.3	EPRI	494	37	-88	5	MAIN	316.2
77	1850	10	17	0	0	0	37.3	-78.4	0	3.64	3.3	3.47	3.11	0.56	EPRI	497	37.3	-78.4	4	MAIN	738.1
78	1851	7	2	16	49	0	36.7	-89.6	0	5.33	5.23	0	0	0.3	Added	0	0	0	0		399
79	1852	1	23	20	0	0	34.9	-89.7	0	5.28	5.18	0	0	0.3	Added	0	0	0	0		345
80	1852	2	16	6	0	0	39.33	-76.3	9	4.14	3.8	0	0	0.56	Added	0	0	0	0		1000.7
81	1852	4	29	18	0	0	36.6	-81.6	0	5	4.9	4.9	4.8	0.3	EPRI	508	36.6	-81.6	6	MAIN	445.1
82	1852	8	25	2	40	0	33.48	-82	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		387.4
83	1852	11	2	23	35	0	37.6	-78.6	0	4.5	4.4	4.3	4.2	0.3	EPRI	515	37.6	-78.6	6	MAIN	734.4
84	1852	11	11	1	0	0	33.09	-83.24	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		306.9
85	1853	5	2	14	20	0	38.5	-79.5	0	4.5	4.4	4.6	4.5	0.3	EPRI	522	38.5	-79.5	5.5	MAIN	713.8
86	1853	5	5	0	0	0	41	-80.35	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		855.5
87	1853	5	20	5	10	0	33.49	-81.96	0	4.33	4	4.65	4.3	0.55	EPRI	523	34	-81.2	6	MAIN	390.4
88	1853	12	12	0	0	0	36.6	-89.2	0	4.2	4.1	4.5	4.4	0.3	EPRI	540	36.6	-89.2	4.5	MAIN	363
89	1854	1	11	1	0	0	39.4	-83.7	0	3.44	3.34	0	0	0.3	Added	0	0	0	0		558.8
90	1854	2	12	0	0	0	37.2	-83.8	0	3.34	3	3.17	2.81	0.56	Added	543	37.2	-83.8	3.5	MAIN	337.7
91	1854	2	28	0	0	0	37.6	-84	0	3.7	3.6	4	3.9	0.3	EPRI	546	37.6	-84	4	MAIN	366
92	1854	3	8	0	0	0	38.2	-85.2	0	3.44	3.1	3.47	3.11	0.56	EPRI	547	38.2	-85.2	4	MAIN	394.4
93	1854	3	20	6	15	0	32.82	-83.62	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		299.7
94	1854	7	2	0	0	0	39.1	-84.5	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		505.4

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
95	1855	1	14	12	45	0	35.2	-90.2	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		393.3
96	1855	2	2	8	0	0	37	-78.6	0	4	3.9	4	3.9	0.3	EPRI	564	37	-78.6	5	MAIN	710
97	1855	4	5	3	5	0	38.75	-90.4	0	3.78	3.68	0	0	0.3	Added	0	0	0	0		601.3
98	1855	5	1	3	33	0	37	-89.2	0	3.84	3.5	3.47	3.11	0.56	EPRI	574	37	-89.2	4	MAIN	390
99	1855	6	28	0	18	0	39.07	-76.58	10	4.24	3.9	0	0	0.56	Added	0	0	0	0		965.6
100	1856	1	4	6	0	0	39.94	-77.66	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		936.7
101	1856	1	16	8	0	0	39.2	-78.2	0	3.64	3.3	3.47	3.11	0.56	EPRI	582	39.2	-78.2	4	MAIN	851.3
102	1856	1	26	4	0	0	39.47	-77.39	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		926.7
103	1856	7	16	13	40	0	37.57	-77.45	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		827.8
104	1856	11	9	10	0	0	36.6	-89.5	0	4.2	4.1	4.6	4.5	0.3	EPRI	587	36.6	-89.5	5	MAIN	385.5
105	1856	12	6	12	0	0	37.22	-77.4	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		819.4
106	1857	1	0	0	0	0	38.64	-79.54	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		719.8
107	1857	3	1	22	45	0	33	-83.18	0	3.74	3.4	0	0	0.56	Added	0	0	0	0		317.4
108	1857	10	8	10	0	0	38.7	-89.2	0	5.2	5.1	5.1	5	0.3	EPRI	592	38.7	-89.2	7	MAIN	531.7
109	1857	12	19	8	50	0	32.78	-80.73	0	4.44	4.1	4.06	3.7	0.56	EPRI	596	32.9	-80	5	MAIN	527.4
110	1858	9	21	0	0	0	36.5	-89.2	0	4.1	4	4.2	4.1	0.3	EPRI	610	36.5	-89.2	6	MAIN	356.8
111	1859	3	22	0	0	0	37.1	-81.5	0	3.44	3.1	3.47	3.11	0.56	EPRI	612	37.1	-81.5	4	MAIN	480.5
112	1860	1	19	18	0	0	33.68	-80.57	0	4.64	4.3	4.06	3.7	0.56	EPRI	614	32.9	-80	5	MAIN	507.1
113	1860	4	24	20	0	0	34.92	-83.52	10	4.34	4	0	0	0.56	Added?	0	0	0	0		221.8
114	1860	8	7	15	30	0	37.5	-87.5	0	4.4	4.3	4.5	4.4	0.3	EPRI	619	37.5	-87.5	6	MAIN	341.4
115	1860	10	22	5	0	0	34.13	-82.64	0	3.54	3.2	0	0	0.56	Added	0	0	0	0		309.1
116	1860	11	25	5	0	0	35.1	-90	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		373.9
117	1861	1	3	16	30	0	35.09	-83.36	0	4.64	4.3	0	0	0.56	Added	0	0	0	0		238.8
118	1861	1	27	0	0	0	40.04	-76.3	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		1040.2
119	1861	8	31	5	0	0	36.18	-82.3	0	5.3	5.2	5.1	5	0.3	EPRI	637	36.2	-81.2	6	MAIN	368.1
120	1862	6	6	16	45	0	36.7	-89.2	0	5.15	5.05	0	0	0.3	Added	0	0	0	0		369.5
121	1862	9	28	14	20	0	35.1	-90	0	4.32	4.22	0	0	0.3	Added	0	0	0	0		373.9
122	1862	10	3	10	40	0	35.1	-88.55	0	3.84	3.74	0	0	0.3	Added	0	0	0	0		242.9
123	1862	11	30	14	40	0	35.8	-89.2	0	4.89	4.79	0	0	0.3	Added	0	0	0	0		321
124	1862	12	10	20	52	0	37.57	-77.45	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		827.8
125	1863	5	25	0	0	0	36.76	-89.1	0	3.6	3.26	0	0	0.56	Added	0	0	0	0		366.3
126	1863	8	29	2	0	0	38.6	-90.3	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		583.1
127	1863	12	17	0	0	0	38	-86.4	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		369
128	1864	12	24	7	0	0	35.12	-77.08	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		811
129	1865	1	25	0	0	0	40.76	-82.53	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		737.4
130	1865	5	29	11	0	0	38.5	-89.4	0	4.71	4.61	0	0	0.3	Added	0	0	0	0		523.8
131	1865	8	17	15	0	0	35.4	-89.5	0	4.7	4.6	4.6	4.5	0.3	EPRI	652	36.5	-89.5	6.5	MAIN	334.1
132	1865	9	17	12	0	0	40.05	-76.3	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		1040.8
133	1866	9	3	5	0	0	39	-76.89	7	3.74	3.4	0	0	0.56	Added	0	0	0	0		938
134	1866	10	13	16	0	0	35.1	-90	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		373.9
135	1867	2	25	3	0	0	33.85	-89.9	10	4.24	3.9	0	0	0.56	Added	0	0	0	0		377.1
136	1867	5	16	15	0	0	37	-89.2	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		390
137	1867	5	29	13	0	0	39.8	-89.8	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		662.5
138	1867	9	25	6	0	0	35.98	-83.92	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		231.4
139	1868	2	22	11	0	0	36.78	-81.75	7	3.74	3.4	0	0	0.56	Added	0	0	0	0		443
140	1868	7	11	21	0	0	33.43	-86.1	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		142.7
141	1868	10	11	0	0	0	36.91	-80.32	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		563.3

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
142	1868	11	28	19	0	0	31.31	-92.46	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		717.6
143	1869	1	1	0	0	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	665	32.9	-80	4	MAIN	584.8
144	1869	2	15	1	0	0	38.81	-77.04	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		916.6
145	1869	2	17	0	0	0	34.53	-90.6	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		428.1
146	1869	2	20	0	0	0	38.1	-84.5	0	3.74	3.4	4.06	3.7	0.56	EPRI	666	38.1	-84.5	5	MAIN	399
147	1869	3	30	6	45	0	38.14	-78.19	0	4.58	4.24	0	0	0.56	Added	0	0	0	0		792.8
148	1869	5	27	0	0	0	32.84	-83.66	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		295.5
149	1869	6	18	0	0	0	39.63	-84.93	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		555.2
150	1869	7	2	8	9	0	36	-89.4	0	5.38	5.28	0	0	0.3	Added	0	0	0	0		346.2
151	1869	7	14	13	30	0	35.79	-80.89	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		474.3
152	1869	9	5	21	0	0	36.02	-83.42	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		271
153	1869	12	21	8	0	0	35.11	-90.01	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		375
154	1870	1	9	5	0	0	31.14	-92.29	11	4.54	4.2	0	0	0.56	Added	0	0	0	0		714.9
155	1870	12	14	0	0	0	36.6	-89.2	0	3.34	3	3.17	2.81	0.56	EPRI	685	36.6	-89.2	3.5	MAIN	363
156	1871	5	22	0	0	0	33.46	-81.99	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		389.1
157	1871	5	31	0	0	0	35.7	-90	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		386.2
158	1871	7	25	6	40	0	38.5	-90	0	3.5	3.4	3.2	3.1	0.3	EPRI	702	38.5	-90	3	*	557.2
159	1871	10	9	14	40	0	39.7	-75.5	0	3.9	3.8	4.55	4.45	0.3	EPRI	703	39.7	-75.5	7	MAIN	1081.3
160	1872	2	8	11	0	0	36	-89.4	0	3.34	3	3.17	2.81	0.56	EPRI	708	37	-89.2	3.5	MAIN	346.2
161	1872	2	26	0	0	0	35.98	-83.92	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		231.4
162	1872	3	2	4	30	0	32.02	-81.13	0	3.6	3.26	0	0	0.56	Added	0	0	0	0		537.5
163	1872	4	16	2	30	0	32.36	-88.7	11	4.2	4.1	0	0	0.3	Added	0	0	0	0		366.1
164	1872	4	20	7	0	0	35.35	-90.05	0	3.56	3.2	2.88	2.51	0.57	Added	711	35.1	-90	3	*	382.1
165	1872	6	5	3	0	0	37.7	-78	0	4.04	3.7	3.47	3.11	0.56	EPRI	712	37.7	-78	4	MAIN	787.6
166	1872	6	17	14	30	0	33.06	-83.22	0	3.34	3	4.06	3.7	0.56	EPRI	713	33.1	-83.3	5	MAIN	310.4
167	1872	12	7	12	0	0	36.71	-81.97	0	3.6	3.26	0	0	0.56	Added	0	0	0	0		422.1
168	1873	1	4	23	40	0	39.96	-83	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		639.8
169	1873	4	23	4	14	0	39.7	-84.2	0	3.34	3	3.17	2.81	0.56	EPRI	730	39.7	-84.2	3.5	MAIN	576.7
170	1873	5	3	21	0	0	36	-89.6	0	3.8	3.7	4.2	4.1	0.3	EPRI	738	36	-89.6	4	MAIN	362.8
171	1873	10	3	12	45	0	37.2	-78.2	0	3.94	3.6	3.47	3.11	0.56	EPRI	748	37.2	-78.2	4	MAIN	751
172	1873	10	4	0	0	0	33	-83.9	0	3.54	3.2	0	0	0.56	Added	0	0	0	0		267
173	1874	2	22	0	0	0	35.7	-82.1	0	3.64	3.3	3.47	3.11	0.56	EPRI	763	35.7	-82.1	4	502	365.8
174	1874	3	0	0	0	0	35.93	-86.84	0	4.74	4.4	0	0	0.56	Added	0	0	0	0		159.3
175	1874	4	14	0	0	0	35.7	-82.1	0	3.64	3.3	3.47	3.11	0.56	EPRI	769	35.7	-82.1	4	502	365.8
176	1874	5	14	20	30	0	37.2	-77.35	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		823
177	1874	7	9	22	0	0	37	-89.2	0	3.34	3	3.17	2.81	0.56	EPRI	771	37	-89.2	3.5	MAIN	390
178	1875	4	10	0	0	0	35.29	-82.51	0	3.74	3.4	0	0	0.56	Added	0	0	0	0		318.8
179	1875	6	18	13	43	0	40.2	-84	0	4.8	4.7	5.3	5.2	0.3	EPRI	787	40.2	-84	7	MAIN	634.9
180	1875	10	7	0	0	0	36.1	-89.6	0	4.2	4.1	4.3	4.2	0.3	EPRI	791	36.1	-89.6	3.5	MAIN	367.2
181	1875	10	28	3	0	0	34.75	-90.15	0	3.44	3.1	3.47	3.11	0.56	EPRI	792	35.1	-90	4	MAIN	385.9
182	1875	11	1	22	30	0	33.49	-82.9	0	5.13	4.8	4.65	4.3	0.55	EPRI	794	33.8	-82.5	6	MAIN	310.5
183	1875	11	12	7	0	0	36	-84	0	3.94	3.6	3.17	2.81	0.56	EPRI	796	36	-84	3.5	MAIN	227
184	1875	12	23	4	45	0	37.6	-78.5	0	4.9	4.8	4.5	4.4	0.3	EPRI	802	37.6	-78.5	7	MAIN	742.5
185	1876	3	19	0	0	0	34.77	-84.98	0	3.6	3.26	0	0	0.56	Added	0	0	0	0		87.4
186	1876	6	1	0	0	0	40.4	-84.2	0	3.74	3.4	4.06	3.7	0.56	EPRI	808	40.4	-84.2	5	523	651.9
187	1876	8	24	23	0	0	32.84	-83.66	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		295.5
188	1876	9	25	6	15	0	38.5	-87	0	4.8	4.7	4.7	4.6	0.3	EPRI	813	38.5	-87	6	MAIN	432.9

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
189	1876	12	11	19	30	0	35.7	-91.6	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		527.5
190	1876	12	12	0	0	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	817	32.9	-80	4	MAIN	584.8
191	1876	12	23	4	45	0	37.4	-77.5	0	3.64	3.3	3.47	3.11	0.56	EPRI	818	37.4	-77.5	4	MAIN	817.3
192	1877	1	23	21	0	0	38.8	-83.5	0	3.5	3.4	3.6	3.5	0.3	EPRI	820	38.8	-83.5	3	MAIN	504.7
193	1877	5	25	0	0	0	36	-84	0	3.94	3.6	3.17	2.81	0.56	EPRI	825	36	-84	3.5	MAIN	227
194	1877	5	26	21	0	0	38.2	-87.9	0	3.34	3	3.17	2.81	0.56	EPRI	826	38.2	-87.9	3.5	MAIN	426.9
195	1877	7	15	0	40	0	36.8	-89.7	0	4.3	4.2	4.3	4.2	0.3	EPRI	828	36.8	-89.7	3.5	MAIN	412.5
196	1877	7	17	0	0	0	38.22	-85.74	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		391.5
197	1877	10	9	1	0	0	35.3	-82.5	0	3.44	3.1	0	0	0.56	Added	0	0	0	0		320
198	1877	11	16	7	38	0	35.5	-84	0	3.8	3.7	4	3.9	0.3	EPRI	851	35.5	-84	5	MAIN	197
199	1877	12	17	13	52	0	35.7	-90	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		386.2
200	1878	3	12	10	0	0	36.8	-89.1	0	4	3.9	4.2	4.1	0.3	EPRI	860	36.8	-89.1	5	MAIN	369.1
201	1878	5	18	0	0	0	36.29	-81.6	0	4.74	4.4	0	0	0.56	Added	0	0	0	0		430.6
202	1878	11	19	5	52	0	35.5	-90.7	0	5.3	5.2	5.2	5.1	0.3	EPRI	864	35.5	-90.7	7	MAIN	443.2
203	1879	5	21	8	0	0	34.7	-92.4	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		592.4
204	1879	9	26	3	10	0	35.3	-90.3	0	3.8	3.7	3.9	3.8	0.3	EPRI	877	35.3	-90.3	3.5	MAIN	403.7
205	1879	10	26	20	0	0	34.37	-81.08	0	3.44	3.1	0	0	0.56	Added	0	0	0	0		446.7
206	1880	1	28	0	0	0	35.5	-82.2	0	3.44	3.1	0	0	0.56	Added	0	0	0	0		351.3
207	1880	3	19	0	0	0	39.85	-77.75	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		924.6
208	1880	7	14	2	30	0	35.3	-90.3	0	3.8	3.7	4.1	4	0.3	EPRI	895	35.3	-90.3	4	586	403.7
209	1881	1	4	13	0	0	39.57	-77	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		961.2
210	1881	9	18	4	0	0	33.38	-84.79	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		181.2
211	1881	10	7	16	52	0	35.1	-90	0	3.44	3.1	3.47	3.11	0.56	EPRI	938	35.1	-90	4	MAIN	373.9
212	1882	2	9	20	0	0	40.4	-84.2	0	3.2	3.1	3.2	3.1	0.3	EPRI	944	40.4	-84.2	5	*	651.9
213	1882	7	20	10	0	0	36.9	-89.2	0	3.74	3.4	4.06	3.7	0.56	EPRI	952	36.9	-89.2	5	MAIN	383
214	1882	7	28	0	0	0	37.6	-90.6	0	4	3.9	4.1	4	0.3	EPRI	953	37.6	-90.6	3.5	MAIN	529
215	1882	9	27	10	20	0	38.7	-89.5	0	4.5	4.4	4.7	4.6	0.3	EPRI	958	38.7	-89.5	6	MAIN	546.8
216	1883	1	11	7	12	0	37	-88.5	0	4.8	4.7	4.7	4.6	0.3	EPRI	983	37	-88.5	6	MAIN	344.7
217	1883	4	12	8	30	0	37	-89.2	0	4.6	4.5	4	3.9	0.3	EPRI	1000	37	-89.2	6.5	649	390
218	1883	5	23	4	30	0	38.4	-82.6	0	3.44	3.1	3.47	3.11	0.56	EPRI	1001	38.4	-82.6	4	MAIN	507.8
219	1883	6	11	18	16	0	35.1	-90	0	4.1	4	4.2	4.1	0.3	EPRI	1002	35.1	-90	6	MAIN	373.9
220	1883	7	14	7	30	0	37	-89.1	0	3.8	3.7	4.1	4	0.3	EPRI	1005	37	-89.1	4.5	649	383.2
221	1883	11	15	3	14	0	38.7	-90.2	0	3.44	3.1	3.47	3.11	0.56	EPRI	1009	38.7	-90.2	4	MAIN	585.4
222	1883	12	5	15	20	0	35.7	-91.2	0	4.1	4	4.2	4.1	0.3	EPRI	1011	35.7	-91.2	5.5	MAIN	491.9
223	1884	1	18	8	0	0	34.59	-77.59	0	4.04	3.7	4.06	3.7	0.56	EPRI	1015	34.3	-78	5	MAIN	765.5
224	1884	3	21	4	30	0	32.8	-83.05	0	3.94	3.6	0	0	0.56	Added	0	0	0	0		340.8
225	1884	4	0	0	0	0	35.65	-80.45	0	3.6	3.26	0	0	0.56	Added	0	0	0	0		510.1
226	1884	8	24	19	45	0	36.07	-83.83	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		243.9
227	1884	9	18	20	0	0	32.3	-85.17	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		276.8
228	1884	9	19	20	14	0	40.7	-84.1	0	4.9	4.8	5.1	5	0.3	EPRI	1034	40.7	-84.1	6.5	MAIN	686.4
229	1884	11	20	0	0	0	38.63	-83.78	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		477.2
230	1884	11	30	5	0	0	35.5	-89.7	0	3.6	3.5	4	3.9	0.3	EPRI	1044	35.5	-89.7	4	MAIN	354.3
231	1885	1	3	2	12	0	39.2	-77.5	0	4	3.9	4.02	3.92	0.3	EPRI	1049	39.2	-77.5	5	MAIN	902.7
232	1885	2	2	12	10	0	36.9	-81.1	0	3.64	3.3	3.47	3.11	0.56	EPRI	1056	36.9	-81.1	4	MAIN	500.2
233	1885	8	6	9	0	0	36.12	-81.83	0	3.74	3.4	4.06	3.7	0.56	EPRI	1069	36.2	-81.6	5	MAIN	404.2
234	1885	10	10	4	35	0	37.7	-78.8	0	4.5	4.4	4.2	4.1	0.3	EPRI	1072	37.7	-78.8	6	MAIN	722.9
235	1885	10	17	18	20	0	33.17	-82.71	0	3.94	3.6	3.47	3.11	0.56	EPRI	1073	33	-83	4	MAIN	343.2

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
236	1886	2	5	1	0	0	32.8	-88	0	3.84	3.5	4.06	3.7	0.56	EPRI	1079	32.8	-88	5	MAIN	285.5
237	1886	2	5	2	0	0	35.93	-81.52	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		423.5
238	1886	2	13	6	0	0	32.34	-88.05	7	3.84	3.5	0	0	0.56	Added	0	0	0	0		328.4
239	1886	3	1	16	0	0	39	-85.5	0	3.34	3	3.17	2.81	0.56	EPRI	1081	39	-85.5	3.5	MAIN	479.5
240	1886	3	18	5	59	0	37	-89.2	0	4.3	4.2	4.3	4.2	0.3	EPRI	1083	37	-89.2	6	MAIN	390
241	1886	5	3	3	0	0	39.36	-82.24	0	3.9	3.8	3.4	3.3	0.3	EPRI	1085	39.5	-82.1	3.5	MAIN	613.2
242	1886	8	12	23	0	0	37.98	-87.54	0	5.12	4.78	0	0	0.56	Added	0	0	0	0		391.9
243	1886	8	14	0	0	0	39.7	-86.1	0	3.34	3	3.17	2.81	0.56	EPRI	1091	39.7	-86.1	3.5	MAIN	556
244	1886	8	29	0	0	0	38.9	-86.4	0	4.74	4.4	0	0	0.56	Added	0	0	0	0		468.7
245	1886	9	1	2	51	0	33	-80.2	0	6.84	6.8	6.8	6.75	0.2	EPRI	1098	32.9	-80	10	MAIN	563.3
246	1886	9	1	8	55	0	33.93	-81.94	0	4.73	4.4	4.65	4.3	0.55	EPRI	1099	32.9	-80	6	767	377.2
247	1886	9	1	23	50	0	33.41	-81.56	0	4.64	4.3	4.06	3.7	0.56	EPRI	1101	32.9	-80	5	767	428.4
248	1886	9	1	9	45	0	34.3	-82.86	0	4.54	4.2	0	0	0.56	Added	0	0	0	0		285.5
249	1886	9	2	23	0	0	34.72	-81.23	0	3.94	3.6	0	0	0.56	Added	0	0	0	0		430.5
250	1886	9	7	0	0	0	37.98	-87.54	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		391.9
251	1886	9	19	0	0	0	32.23	-80.96	0	4.04	3.7	0	0	0.56	Added	0	0	0	0		537.9
252	1886	9	25	2	0	0	36.7	-80.05	0	3.54	3.2	0	0	0.56	Added	0	0	0	0		576.6
253	1886	9	28	0	21	0	40	-76.4	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		1030.5
254	1886	10	22	0	0	0	34.71	-81.66	0	4.44	4.1	0	0	0.56	Added	0	0	0	0		391.1
255	1886	10	22	14	45	0	33.87	-81.01	0	5.3	5.2	4.88	4.78	0.3	EPRI	1123	32.9	-80	7	767	462.4
256	1886	10	31	14	20	0	33.9	-80.39	0	4.24	3.9	0	0	0.56	Added	0	0	0	0		517.8
257	1886	11	17	0	0	0	34.21	-77.91	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		739.6
258	1886	12	11	16	0	0	34.18	-82.06	0	3.94	3.6	0	0	0.56	Added	0	0	0	0		360.4
259	1887	1	2	22	30	0	39.57	-77	6	3.64	3.3	0	0	0.56	Added	0	0	0	0		961.2
260	1887	1	12	6	0	0	34.35	-82.42	0	3.44	3.1	0	0	0.56	Added	0	0	0	0		324.6
261	1887	2	6	22	15	0	39	-88.5	0	4.6	4.5	4.6	4.5	0.3	EPRI	1131	39	-88.5	6	MAIN	529.8
262	1887	2	18	0	0	0	37.56	-90.3	0	6	5.66	0	0	0.56	Added	0	0	0	0		505.1
263	1887	4	14	20	12	0	36.8	-89.1	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		369.1
264	1887	5	22	20	45	0	33.9	-80.37	0	4.04	3.7	0	0	0.56	Added	0	0	0	0		519.6
265	1887	6	29	17	0	0	32.84	-83.66	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		295.5
266	1887	8	2	1	0	0	34.41	-78.83	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		652.8
267	1887	8	2	18	36	0	37.2	-88.5	0	4.7	4.6	5.2	5.1	0.3	EPRI	1161	37.2	-88.5	6	MAIN	361.4
268	1887	8	10	7	1	0	33.83	-79.95	0	4.24	3.9	0	0	0.56	Added	0	0	0	0		559.4
269	1887	8	27	4	56	0	33.52	-81.22	0	4.34	4	0	0	0.56	Added	0	0	0	0		454.1
270	1887	9	6	8	7	0	33.09	-83.24	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		306.9
271	1888	1	12	9	55	0	34.18	-80.17	0	4.73	4.4	4.65	4.3	0.55	EPRI	1168	32.9	-80	6	767	532.6
272	1888	3	17	0	0	0	36.4	-82.5	0	3.37	3	2.3	1.91	0.58	EPRI	1179	36.4	-82.5	2	*	363.7
273	1888	4	5	0	0	0	34.21	-81.53	0	4.74	4.4	0	0	0.56	Added	0	0	0	0		408
274	1888	4	10	0	0	0	34.69	-80.7	0	3.6	3.26	0	0	0.56	Added	0	0	0	0		479.2
275	1888	8	15	18	30	0	34.37	-81.08	0	3.44	3.1	0	0	0.56	Added	0	0	0	0		446.7
276	1888	8	23	5	40	0	34.87	-85.84	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		20.2
277	1888	9	17	21	30	0	33.42	-83.35	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		277.8
278	1888	11	3	10	20	0	36.1	-89.8	0	3.44	3.1	3.47	3.11	0.56	EPRI	1191	35.4	-90.4	4	MAIN	383.7
279	1888	12	7	23	30	0	36	-83.95	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		230.6
280	1889	1	8	4	45	0	39.45	-88.5	0	3.34	3.24	0	0	0.3	Added	0	0	0	0		575.1
281	1889	2	2	13	45	0	39.3	-90.9	0	2.97	2.87	0	0	0.3	Added	0	0	0	0		675.7
282	1889	2	5	19	40	0	33.16	-79.2	0	4.24	3.9	0	0	0.56	Added	0	0	0	0		645.9

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	
283	1889	2	26	15	30	0	40.65	-85.4	0	3.49	3.39	0	0	0.3	Added	0	0	0	0		663.2
284	1889	3	8	23	40	0	40	-76	0	4.2	4.1	4.06	3.96	0.3	EPRI	1197	40	-76	5	MAIN	1060
285	1889	3	30	18	30	0	38.56	-76.08	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		981
286	1889	5	1	0	0	0	36.42	-89.05	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		340.7
287	1889	5	11	3	45	0	38.98	-76.49	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		968
288	1889	6	6	3	30	0	36.4	-88.1	0	3.24	2.9	0	0	0.56	Added*	0	0	0	0		272.2
289	1889	7	11	21	47	0	32.4	-80.33	0	4.74	4.4	3.47	3.11	0.56	EPRI	1200	32.9	-80	4	767	580
290	1889	7	20	1	32	0	35.8	-89.5	0	4.1	4	3.8	3.7	0.3	EPRI	1201	35.2	-90	6	MAIN	346.4
291	1889	8	26	0	0	0	35.53	-77.03	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		817.4
292	1889	9	29	0	0	0	35.03	-84.87	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		103.6
293	1889	10	24	10	0	0	34.72	-82.6	0	3.44	3.1	0	0	0.56	Added	0	0	0	0		305
294	1889	11	2	7	53	0	37	-90.5	0	4.89	4.79	0	0	0.3	Added	0	0	0	0		484.9
295	1890	1	24	16	0	0	36.4	-89.4	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		366.3
296	1890	2	11	1	5	0	38.58	-90.27	0	2.91	2.81	0	0	0.3	Added	0	0	0	0		579.7
297	1890	5	27	0	0	0	39.75	-86.2	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		561.9
298	1890	7	15	22	30	0	39.4	-86.4	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		524.1
299	1890	9	23	8	20	0	34.04	-80.89	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		469.4
300	1890	10	23	12	10	0	37.4	-89.4	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		432.8
301	1890	12	23	11	0	0	35.8	-84	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		213.8
302	1891	1	3	22	0	0	40.3	-85.7	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		622.9
303	1891	7	26	6	10	0	36.8	-89.3	0	4.51	4.41	0	0	0.3	Added	0	0	0	0		383.2
304	1891	7	27	2	28	0	37.9	-87.9	0	4.3	4.2	4	3.9	0.3	EPRI	1215	37.9	-87.5	6.5	MAIN	396.9
305	1891	8	6	4	55	0	32.79	-79.99	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		590.3
306	1891	8	15	0	0	0	39.21	-85.91	0	5.39	5.05	0	0	0.56	Added	0	0	0	0		501.3
307	1891	8	21	2	45	0	38.7	-90.4	0	4.07	3.97	0	0	0.3	Added	0	0	0	0		597.2
308	1891	9	27	4	55	0	38.3	-88.5	0	5.6	5.5	5.5	5.4	0.3	EPRI	1222	38.3	-88.5	7	MAIN	461.3
309	1891	10	13	5	55	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1223	32.9	-80	4	MAIN	584.8
310	1891	10	15	17	0	0	34.9	-88	0	3.71	3.61	0	0	0.3	Added	0	0	0	0		190.1
311	1891	10	16	0	0	0	36.2	-86.7	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		180.3
312	1891	10	26	0	55	0	33	-80.18	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		565
313	1891	11	17	0	0	0	36.73	-86.57	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		232.6
314	1891	12	5	0	0	0	39.14	-84.51	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		509.5
315	1892	1	14	8	0	0	35.4	-89.2	0	3.36	3	2.88	2.51	0.57	EPRI	1225	35.1	-90	3	*	307.6
316	1892	2	17	0	0	0	38.25	-85.7	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		395
317	1892	4	15	5	25	0	40.55	-84.57	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		661.4
318	1892	5	6	8	30	0	40.2	-76	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		1071.5
319	1892	5	24	3	11	0	39.75	-86.2	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		561.9
320	1892	9	13	22	0	0	37.3	-89.3	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		418.7
321	1892	10	19	13	0	0	39.45	-86.4	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		529.6
322	1892	12	2	8	0	0	35.35	-85.55	0	4.04	3.94	0	0	0.3	Added	0	0	0	0		79.8
323	1892	12	22	4	15	0	38.96	-85.89	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		473.5
324	1893	1	11	22	15	0	39.43	-77.42	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		922.1
325	1893	1	12	2	0	0	38.3	-85.7	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		400.6
326	1893	4	7	11	0	0	33.79	-81.93	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		382.2
327	1893	4	26	4	0	0	40.05	-76.3	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		1040.8
328	1893	5	21	0	0	0	33.61	-91.21	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		501.4
329	1893	7	5	8	10	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1235	32.9	-80	4	MAIN	584.8

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
330	1893	9	19	7	5	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1239	32.9	-80	4	881	584.8
331	1893	11	8	4	40	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1242	32.9	-80	4	881	584.8
332	1893	12	14	19	15	0	38.4	-88.05	0	4.54	4.44	0	0	0.3	Added	0	0	0	0		452.6
333	1893	12	25	3	0	0	40.41	-77.97	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		947.8
334	1894	1	25	20	40	0	38.98	-76.49	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		968
335	1894	1	30	4	5	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1257	32.9	-80	4	881	584.8
336	1894	5	23	23	50	0	37.1	-89.25	0	4.22	4.12	0	0	0.3	Added	0	0	0	0		400.6
337	1894	5	24	6	2	0	38.2	-89.7	0	4.8	4.7	0	0	0.3	Added	0	0	0	0		514.8
338	1894	6	16	2	16	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1264	32.9	-80	4	881	584.8
339	1894	7	18	12	37	0	36.8	-89.5	0	3.26	2.9	2.88	2.51	0.57	EPRI	1266	35	-90	3	*	397.7
340	1894	7	30	8	0	0	37.1	-88.3	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		341.4
341	1894	8	10	6	19	0	35.2	-90.1	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		384.2
342	1894	11	24	4	0	0	39.27	-81.56	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		639.8
343	1894	12	2	16	50	0	39.61	-90.81	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		696.6
344	1894	12	11	5	27	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1270	32.9	-80	4	881	584.8
345	1895	1	14	3	0	0	38.35	-87.55	0	5.13	4.79	0	0	0.56	Added	0	0	0	0		430.6
346	1895	1	14	7	0	0	38.4	-87.85	0	3.51	3.41	0	0	0.3	Added	0	0	0	0		445.5
347	1895	2	25	11	28	0	38.3	-90.5	0	4.28	4.18	0	0	0.3	Added	0	0	0	0		572
348	1895	3	4	22	0	0	36.1	-80.25	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		538.8
349	1895	4	27	7	40	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1276	32.9	-80	4	881	584.8
350	1895	7	10	8	0	0	37.71	-88.19	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		391
351	1895	7	25	4	1	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1278	32.9	-80	4	881	584.8
352	1895	7	27	0	0	0	35.2	-88.2	0	3.34	3	3.17	2.81	0.56	EPRI	1279	35.2	-88.2	3.5	MAIN	214
353	1895	8	19	0	0	0	38.5	-83.7	0	3.38	3.28	0	0	0.3	Added	0	0	0	0		467.1
354	1895	9	12	5	0	0	35.2	-84	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		184.7
355	1895	10	4	11	30	0	33.96	-83.39	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		248
356	1895	10	7	4	30	0	35.9	-77.5	0	3.84	3.5	4.06	3.7	0.56	EPRI	1284	35.9	-77.5	5	MAIN	778.9
357	1895	10	6	6	25	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1283	32.9	-80	4	MAIN	584.8
358	1895	10	31	11	8	0	37.82	-89.32	0	5.44	5.4	6	5.95	0.2	EPRI	1294	37	-89.4	8.5	MAIN	461.1
359	1895	11	20	3	0	0	39.98	-75.75	6	3.64	3.3	0	0	0.56	Added	0	0	0	0		1077.4
360	1896	2	11	1	45	0	36.3	-78.6	0	3.64	3.3	3.47	3.11	0.56	EPRI	1303	36.3	-78.6	4	MAIN	688.6
361	1896	3	3	24	0	0	40.33	-75.83	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		1091.6
362	1896	3	15	7	0	0	40.3	-84.2	0	3.44	3.1	3.47	3.11	0.56	EPRI	1304	40.3	-84.2	4	MAIN	641.1
363	1896	3	19	8	22	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1305	32.9	-80	4	923	584.8
364	1896	8	11	5	58	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1311	32.9	-80	4	923	584.8
365	1896	9	2	4	30	0	37.5	-90.3	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		501.1
366	1896	9	7	0	0	0	38.21	-90	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		533.6
367	1896	9	10	12	28	0	37.7	-89.2	0	4.18	4.08	0	0	0.3	Added	0	0	0	0		444.1
368	1896	11	14	8	15	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1320	32.9	-80	4	923	584.8
369	1896	11	20	15	0	0	39.73	-75.39	6	3.64	3.3	0	0	0.56	Added	0	0	0	0		1091.3
370	1896	12	2	0	0	0	39.61	-90.81	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		696.6
371	1896	12	8	16	55	0	39.98	-79.61	0	4.58	4.24	0	0	0.56	Added	0	0	0	0		811.4
372	1897	1	18	18	28	0	38.2	-89.99	0	2.68	2.58	0	0	0.3	Added	0	0	0	0		532.2
373	1897	2	7	4	30	0	39.3	-76.61	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		975.4
374	1897	3	23	4	0	0	39	-89.1	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		555
375	1897	5	6	20	45	0	33.48	-81.31	8	3.84	3.5	0	0	0.56	Added	0	0	0	0		447.6
376	1897	5	31	18	58	0	37.3	-80.7	0	5.1	5	5.8	5.7	0.3	EPRI	1337	37.3	-80.7	7.5	MAIN	552.9

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
377	1897	6	24	17	4	0	36.8	-87.5	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		272.7
378	1897	9	29	0	0	0	34.94	-82.41	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		323
379	1897	10	8	9	0	0	37.6	-90	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		487.3
380	1897	10	22	3	20	0	36.9	-81.1	0	4.44	4.1	4.06	3.7	0.56	EPRI	1347	36.9	-81.1	5	970	500.2
381	1897	12	18	23	45	0	37.7	-77.5	0	4.7	4.6	4	3.9	0.3	EPRI	1353	37.7	-77.5	5	MAIN	828.8
382	1898	1	27	1	35	0	34.53	-90.59	0	3.44	3.1	3.47	3.11	0.56	EPRI	1358	34.6	-90.6	4	MAIN	427.2
383	1898	2	13	0	0	0	31.45	-91.3	0	3.12	3.02	0	0	0.3	Added	0	0	0	0		618.2
384	1898	3	1	17	30	0	37.05	-88.7	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		361.1
385	1898	6	6	7	30	0	38.25	-84.05	0	3.84	3.74	0	0	0.3	Added	0	0	0	0		429
386	1898	6	14	15	6	0	37.3	-87.2	0	4.1	4	4.5	4.4	0.3	EPRI	1364	36.5	-88.7	4	MAIN	310.5
387	1898	6	19	15	0	0	36.07	-83.67	10	4.34	4	0	0	0.56	Added	0	0	0	0		255.4
388	1898	7	23	21	30	0	36.75	-82.83	10	4.24	3.9	0	0	0.56	Added	0	0	0	0		361.1
389	1899	1	21	19	0	0	38.4	-89.2	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		504.4
390	1899	2	9	0	0	0	38.6	-83.2	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		497.4
391	1899	2	13	9	30	0	37	-81	0	4.5	4.4	4.7	4.6	0.3	EPRI	1373	37	-81	5	970	513.3
392	1899	3	10	5	45	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1375	32.9	-80	4	MAIN	584.8
393	1899	4	24	4	0	0	37.4	-89.5	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		439.3
394	1899	4	30	2	5	0	38.5	-87.4	0	4.7	4.6	4.5	4.4	0.3	EPRI	1377	38.5	-87.4	7	MAIN	442.2
395	1899	8	28	19	15	0	40.8	-85.83	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		678.3
396	1899	10	5	10	15	0	35.56	-84	0	4.74	4.4	0	0	0.56	Added	0	0	0	0		200
397	1899	11	12	14	0	0	39.3	-83	0	3.44	3.1	3.47	3.11	0.56	EPRI	1383	39.3	-83	4	MAIN	574
398	1899	12	4	12	48	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1385	32.9	-80	4	MAIN	584.8
399	1900	1	30	0	0	0	36.92	-89.34	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		394.1
400	1900	4	28	19	7	0	39.84	-75.15	7	3.74	3.4	0	0	0.56	Added	0	0	0	0		1115.4
401	1901	1	30	14	0	0	39.89	-75.13	4	3.34	3	0	0	0.56	Added	0	0	0	0		1119.5
402	1901	2	15	0	15	0	36	-90	0	3.9	3.8	4.4	4.3	0.3	EPRI	1394	36	-90	4	MAIN	396.4
403	1901	5	17	7	0	0	38.95	-82.66	0	4.4	4.3	4.2	4.1	0.3	EPRI	1399	39.3	-82.5	5	MAIN	555.2
404	1901	12	2	0	26	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	1401	32.9	-80	4	MAIN	584.8
405	1902	3	5	8	0	0	38.14	-83.76	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		428.9
406	1902	3	10	6	0	0	39.9	-85.2	0	3.34	3	3.17	2.81	0.56	EPRI	1404	39.9	-85.2	3.5	MAIN	581.7
407	1902	5	18	4	0	0	37.3	-80.6	0	3.74	3.4	4.06	3.7	0.56	EPRI	1406	37.3	-80.6	5	MAIN	560.6
408	1902	5	29	7	30	0	35.1	-85.3	0	4.54	4.2	4.06	3.7	0.56	EPRI	1407	35.1	-85.3	5	MAIN	72.6
409	1902	5	30	6	0	0	34.85	-82.4	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		323.4
410	1902	6	14	7	0	0	40.3	-81.4	0	3.64	3.3	3.76	3.4	0.56	EPRI	1408	40.3	-81.4	4.5	MAIN	740.3
411	1902	8	25	12	48	0	40.57	-75.09	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		1159.7
412	1902	10	18	22	0	0	35	-85.3	0	3.54	3.2	4.06	3.7	0.56	EPRI	1413	35	-85.3	5	1026	66.5
413	1903	1	24	1	0	0	32.9	-80	0	4.44	4.1	3.47	3.11	0.56	EPRI	1422	32.9	-80	4	MAIN	584.8
414	1903	2	9	0	21	0	37.8	-89.3	0	4.9	4.8	4.8	4.7	0.3	EPRI	1426	37.8	-89.3	7	MAIN	458.2
415	1903	3	10	6	0	0	34.8	-84.97	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		88.7
416	1903	3	17	11	50	0	39.1	-89.5	0	3.34	3	3.17	2.81	0.56	EPRI	1427	39.1	-89.5	3.5	MAIN	583.1
417	1903	8	16	9	54	0	38.77	-90.2	0	5.12	4.78	0	0	0.56	Added	0	0	0	0		591.3
418	1903	9	14	7	30	0	33.46	-81.99	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		389.1
419	1903	9	20	0	0	0	39.4	-86.3	0	3.44	3.1	3.47	3.11	0.56	EPRI	1430	39.4	-86.3	4	MAIN	523.5
420	1903	9	21	0	0	0	38.7	-88.1	0	3.44	3.1	3.47	3.11	0.56	EPRI	1431	38.7	-88.1	4	MAIN	484.8
421	1903	10	5	2	56	0	38.3	-90.2	0	3.8	3.7	3.9	3.8	0.3	EPRI	1432	38.3	-90.2	5	MAIN	553.1
422	1903	11	3	18	0	0	37.8	-89.3	0	3.34	3	3.17	2.81	0.56	EPRI	1433	37.8	-89.3	3.5	MAIN	458.2
423	1903	11	4	19	14	0	36.5	-89.8	0	5	4.9	4.8	4.7	0.3	EPRI	1435	36.5	-89.8	7	1046	403

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
424	1903	11	27	7	0	0	37	-89.5	0	4	3.9	4	3.9	0.3	EPRI	1440	37	-89.5	5	MAIN	410.9
425	1903	12	2	15	0	0	39.12	-88.54	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		543.3
426	1904	3	5	0	30	0	35.7	-83.5	0	3.5	3.4	4	3.9	0.3	EPRI	1446	35.7	-83.5	5	MAIN	247.4
427	1904	10	21	12	0	0	38.65	-90.25	0	3.64	3.3	0	0	0.56	Added	0	0	0	0		584.3
428	1905	4	13	16	30	0	40.4	-91.6	0	3.7	3.6	4	3.9	0.3	EPRI	1468	40.4	-91.6	4.5	MAIN	807.5
429	1905	8	22	5	8	0	37.2	-89.3	0	5.3	5.2	5.2	5.1	0.3	EPRI	1481	37.2	-89.3	6.5	MAIN	411.3
430	1905	12	22	24	0	0	39.7	-78.18	5	3.44	3.1	0	0	0.56	Added	0	0	0	0		884.8
431	1906	3	6	0	0	0	39.7	-91.4	0	3.44	3.1	3.47	3.11	0.56	EPRI	1503	39.7	-91.4	4	MAIN	737.7
432	1906	4	23	7	12	0	40.7	-83.6	0	3.74	3.4	4.06	3.7	0.56	EPRI	1506	40.7	-83.6	5	MAIN	698
433	1906	5	8	6	58	0	39.5	-85.8	0	3.7	3.6	3.8	3.7	0.3	EPRI	1507	39.5	-85.8	3.5	MAIN	533.7
434	1906	5	9	6	38	0	39.2	-85.9	0	3.44	3.1	3.47	3.11	0.56	EPRI	1511	39.2	-85.9	4	MAIN	500.2
435	1906	5	11	6	15	0	38.5	-87.2	0	3.4	3.3	3.8	3.7	0.3	EPRI	1522	38.5	-87.2	4	MAIN	437.2
436	1906	5	19	10	0	0	32.25	-87.95	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		331.2
437	1906	5	20	15	0	0	40.25	-75.83	0	4.14	3.8	0	0	0.56	Added	0	0	0	0		1086.9
438	1906	5	21	19	0	0	38.7	-88.4	0	3.74	3.4	4.06	3.7	0.56	EPRI	1524	38.7	-88.4	5	MAIN	496.1
439	1906	6	27	21	10	0	40.4	-81.6	0	3.3	3.2	3.4	3.3	0.3	EPRI	1535	40.4	-81.6	4.5	MAIN	740.2
440	1906	8	13	13	19	0	39.7	-86.8	0	3.44	3.1	3.47	3.11	0.56	EPRI	1538	39.7	-86.8	4	MAIN	561.1
441	1906	9	7	16	33	0	38.2	-87.7	0	3.91	3.8	3.44	3.33	0.31	EPRI	1539	38.2	-87.7	4	MAIN	419.9
442	1906	12	5	6	0	0	38.67	-76.08	6	3.64	3.3	0	0	0.56	Added	0	0	0	0		985.9
443	1907	1	26	6	0	0	37.27	-81.22	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		511.7
444	1907	1	30	5	30	0	39.5	-86.6	0	3.74	3.4	4.06	3.7	0.56	EPRI	1556	39.5	-86.6	5	MAIN	536.8
445	1907	1	31	5	30	0	38.9	-89.5	0	3.7	3.6	3.6	3.5	0.3	EPRI	1555	38.9	-89.5	5	MAIN	564.8
446	1907	2	11	13	22	0	37.7	-78.3	0	4.33	4	4.65	4.3	0.55	EPRI	1557	37.7	-78.3	6	MAIN	763.2
447	1907	4	19	8	30	0	32.9	-80	0	4.24	3.9	4.06	3.7	0.56	EPRI	1561	32.9	-80	5	MAIN	584.8
448	1907	7	4	9	0	0	37.8	-90.4	0	3.3	3.2	3.4	3.3	0.3	EPRI	1563	37.8	-90.4	4.5	MAIN	528.7
449	1907	11	4	3	55	0	37.31	-89.55	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		436
450	1907	12	11	4	32	0	38.6	-90.2	0	3.44	3.1	3.47	3.11	0.56	EPRI	1571	38.6	-90.2	4	MAIN	577.2
451	1908	5	31	17	42	0	40.6	-75.5	0	3.43	3.1	4.65	4.3	0.55	EPRI	1579	40.6	-75.5	6	MAIN	1131.5
452	1908	8	23	9	30	0	37.5	-77.9	0	3.84	3.5	4.06	3.7	0.56	EPRI	1590	37.5	-77.9	5	MAIN	787.6
453	1908	9	28	19	34	0	36.6	-89.6	0	3.6	3.5	4	3.9	0.3	EPRI	1591	36.6	-89.6	4	MAIN	393.1
454	1908	10	28	0	27	0	37	-89.2	0	3.7	3.6	4	3.9	0.3	EPRI	1592	37	-89.2	4.5	MAIN	390
455	1908	12	14	0	0	0	38.63	-83.78	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		477.2
456	1908	12	27	21	15	0	37.5	-88	0	3.8	3.7	4.1	4	0.3	EPRI	1595	37.5	-88	4	MAIN	362.3
457	1909	1	22	0	0	0	39.14	-84.51	0	4.07	3.73	0	0	0.56	Added	0	0	0	0		509.5
458	1909	4	2	7	25	0	39.4	-78	0	3.84	3.5	4.06	3.7	0.56	EPRI	1605	39.4	-78	5	MAIN	878.2
459	1909	5	26	14	42	0	40.6	-88.1	0	5.1	5	5	4.9	0.3	EPRI	1612	40.6	-88.1	7	MAIN	683.2
460	1909	7	19	4	34	0	40.3	-90.7	0	4.4	4.3	4.5	4.4	0.3	EPRI	1626	40.3	-90.7	5.5	MAIN	751.7
461	1909	8	16	22	45	0	38.3	-90.1	0	3.9	3.8	4.3	4.2	0.3	EPRI	1632	38.3	-90.1	4	MAIN	546.9
462	1909	9	22	0	0	0	38.7	-86.5	0	3.8	3.7	3.9	3.8	0.3	EPRI	1633	38.7	-86.5	5	MAIN	447.4
463	1909	9	27	9	45	0	39.5	-87.4	0	4.9	4.8	4.8	4.7	0.3	EPRI	1641	39.5	-87.4	7	MAIN	549.2
464	1909	10	8	10	0	0	34.9	-85	0	3.64	3.3	3.47	3.11	0.56	EPRI	1643	34.9	-85	4	MAIN	88
465	1909	10	22	22	0	0	37.6	-90.6	0	3.44	3.1	3.47	3.11	0.56	EPRI	1645	37.6	-90.6	4	MAIN	529
466	1909	10	23	9	47	0	39	-87.8	0	4	3.9	4.2	4.1	0.3	EPRI	1649	39	-87.8	5	MAIN	506
467	1909	10	23	7	10	0	37	-89.5	0	4.4	4.3	4.6	4.5	0.3	EPRI	1647	37	-89.5	5.5	MAIN	410.9
468	1909	12	23	0	0	0	38.55	-75.57	0	4.86	4.52	0	0	0.56	Added	0	0	0	0		1022.1
469	1910	2	8	14	0	0	38.8	-78.7	0	3.3	3.2	3.59	3.49	0.3	EPRI	1660	38.8	-78.7	4	MAIN	790.5
470	1910	5	8	21	10	0	37.7	-78.4	0	3.84	3.5	3.47	3.11	0.56	EPRI	1670	37.7	-78.4	4	MAIN	755.1

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
471	1910	6	9	23	0	0	34.77	-84.98	0	4.58	4.24	0	0	0.56	Added	0	0	0	0		87.4
472	1911	1	20	6	0	0	34.85	-85.04	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		83.2
473	1911	2	10	10	22	0	36.6	-79.4	0	3.64	3.3	3.47	3.11	0.56	EPRI	1682	36.6	-79.4	4	MAIN	627.9
474	1911	2	28	9	0	0	38.7	-90.3	0	3.44	3.1	3.47	3.11	0.56	EPRI	1683	38.7	-90.3	4	MAIN	591.3
475	1911	3	31	16	57	0	34	-91.8	0	4.7	4.6	4.2	4.1	0.3	EPRI	1685	34	-91.8	7	MAIN	545.2
476	1911	3	31	18	10	0	33.8	-92.2	0	3.6	3.5	3.8	3.7	0.3	EPRI	1687	33.8	-92.2	4.5	MAIN	585.9
477	1911	4	20	22	0	0	35.1	-82.7	0	3.84	3.5	4.06	3.7	0.56	EPRI	1690	35.1	-82.7	5	MAIN	298.4
478	1912	1	31	22	5	0	31.94	-81.11	0	4.32	3.98	0	0	0.56	Added	0	0	0	0		544.2
479	1912	6	12	10	30	0	32.9	-80	0	5.24	4.9	5.26	4.9	0.56	EPRI	1704	32.9	-80	7	MAIN	584.8
480	1912	6	20	0	0	0	32	-81	0	3.84	3.5	4.06	3.7	0.56	EPRI	1707	32	-81	5	MAIN	548.9
481	1912	8	8	1	0	0	37.7	-78.4	0	3.64	3.3	3.47	3.11	0.56	EPRI	1709	37.7	-78.4	4	1203	755.1
482	1912	10	23	1	15	0	32.7	-83.5	0	3.64	3.3	3.47	3.11	0.56	EPRI	1712	32.7	-83.5	4	MAIN	317.1
483	1912	11	17	12	30	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	120325	32.9	-80	4	1201	584.8
484	1913	1	1	18	28	0	34.7	-81.7	0	5.1	5	5.04	4.94	0.3	EPRI	1722	34.7	-81.7	7.5	MAIN	387.5
485	1913	3	13	5	0	0	34.5	-85	0	3.64	3.3	3.47	3.11	0.56	EPRI	1725	34.5	-85	4	MAIN	88.5
486	1913	3	28	21	50	0	36.2	-83.7	0	4.1	4	4	3.9	0.3	EPRI	1726	36.2	-83.7	7	MAIN	262
487	1913	4	17	16	30	0	35.3	-84.2	0	3.8	3.7	3.9	3.8	0.3	EPRI	1728	35.3	-84.2	5.5	MAIN	171.3
488	1913	6	9	15	30	0	35.8	-88.9	0	3.8	3.7	3.9	3.8	0.3	EPRI	1735	35.8	-88.9	3	MAIN	295.9
489	1913	8	3	16	45	0	36	-84	0	4.14	3.8	3.47	3.11	0.56	EPRI	1738	36	-84	4	MAIN	227
490	1913	11	11	14	0	0	38.2	-85.8	0	3.44	3.1	3.47	3.11	0.56	EPRI	1744	38.2	-85.8	4	MAIN	389.1
491	1914	1	24	3	24	0	35.6	-84.5	0	3.6	3.5	3.8	3.7	0.3	EPRI	1750	35.6	-84.5	5	MAIN	164.1
492	1914	3	5	20	5	0	33.5	-83.5	0	4.93	4.6	4.65	4.3	0.55	EPRI	1765	33.5	-83.5	6	MAIN	261.3
493	1914	3	7	1	20	0	34.2	-79.8	0	3.64	3.3	3.47	3.11	0.56	EPRI	1766	34.2	-79.8	4	MAIN	566.2
494	1914	6	26	0	0	0	33.29	-83.96	0	3.36	3.02	0	0	0.56	Added	0	0	0	0		240.7
495	1914	9	22	7	4	0	32.9	-80	0	4.64	4.3	4.06	3.7	0.56	EPRI	1770	32.9	-80	5	1201	584.8
496	1915	1	14	9	20	0	36.6	-82.2	0	3.94	3.6	3.17	2.81	0.56	EPRI	1774	36.6	-82.2	3.5	MAIN	398.1
497	1915	2	5	6	55	0	37.7	-88.6	0	3.2	3.1	3.4	3.3	0.3	EPRI	1776	37.7	-88.6	4	MAIN	410.4
498	1915	2	19	4	35	0	37.1	-89.2	0	3.2	3.1	3.4	3.3	0.3	EPRI	1777	37.1	-89.2	4	MAIN	397.2
499	1915	4	15	13	20	0	38.7	-88.1	0	3.8	3.7	3.8	3.7	0.3	EPRI	1783	38.7	-88.1	2.5	MAIN	484.8
500	1915	4	28	23	40	0	36.5	-89.5	0	3.2	3.1	3.2	3.1	0.3	EPRI	1784	36.5	-89.5	4.5	*	379.7
501	1915	10	26	7	40	0	36.7	-88.6	0	3.5	3.4	3.8	3.7	0.3	EPRI	1797	36.7	-88.6	5	MAIN	327.7
502	1915	12	7	18	40	0	36	-90	0	4.5	4.4	4.6	4.5	0.3	EPRI	1801	36	-90	6	MAIN	396.4
503	1916	1	7	19	45	0	39.1	-87	0	3.8	3.7	3.8	3.7	0.3	EPRI	1804	39.1	-87	3	MAIN	498.2
504	1916	2	21	22	39	0	35.62	-83.55	0	5.54	5.2	5.26	4.9	0.56	EPRI	1812	35.5	-82.5	7	MAIN	239.5
505	1916	3	2	5	2	0	34.5	-82.7	0	3.64	3.3	3.47	3.11	0.56	EPRI	1819	34.5	-82.7	4	MAIN	297.1
506	1916	5	21	18	24	0	36.6	-89.5	0	3.7	3.6	4.1	4	0.3	EPRI	1822	36.6	-89.5	4	MAIN	385.5
507	1916	8	24	9	0	0	37	-89.2	0	3.6	3.5	3.9	3.8	0.3	EPRI	1827	37	-89.2	4	MAIN	390
508	1916	8	26	19	36	0	36	-81	0	3.94	3.6	4.06	3.7	0.56	EPRI	1828	36	-81	5	MAIN	470.6
509	1916	10	18	22	3	40	33.5	-86.2	0	5.54	5.2	5.26	4.9	0.56	EPRI	1829	33.5	-86.2	7	MAIN	136.3
510	1916	12	19	5	42	0	36.6	-89.2	0	3.8	3.7	3.8	3.7	0.3	EPRI	1837	36.6	-89.2	5.5	MAIN	363
511	1917	1	25	21	15	0	36.1	-83.5	0	3.76	3.4	2.88	2.51	0.57	EPRI	1838	36.1	-83.5	3	*	269.8
512	1917	3	25	19	15	0	36.1	-83.5	0	3.94	3.6	3.17	2.81	0.56	EPRI	1854	36.1	-83.5	3.5	MAIN	269.8
513	1917	4	9	20	52	0	37	-90	0	5	4.9	5	4.9	0.3	EPRI	1860	37	-90	7	MAIN	447.1
514	1917	4	9	23	38	0	38.1	-90.2	0	3.44	3.1	3.47	3.11	0.56	EPRI	1862	38.1	-90.2	4	MAIN	537.6
515	1917	6	9	13	14	0	36.8	-89.4	0	3.9	3.8	4.3	4.2	0.3	EPRI	1867	36.8	-89.4	4	MAIN	390.5
516	1917	6	21	0	0	0	36	-83	0	4.14	3.8	3.47	3.11	0.56	EPRI	1870	36	-83	4	1300	302.8
517	1917	6	30	1	23	0	32.7	-87.5	0	3.74	3.4	4.06	3.7	0.56	EPRI	1873	32.7	-87.5	5	MAIN	266.1

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
518	1918	1	16	15	45	0	35.9	-83.9	0	3.64	3.3	4.06	3.7	0.56	EPRI	1881	35.9	-83.9	5	MAIN	227.5
519	1918	2	17	8	10	0	37	-89.2	0	3.8	3.7	3.8	3.7	0.3	EPRI	1882	37	-89.2	3	MAIN	390
520	1918	4	10	2	9	0	38.7	-78.4	0	4.8	4.7	4.89	4.79	0.3	EPRI	1885	38.7	-78.4	6	MAIN	806.8
521	1918	6	22	1	0	0	36.1	-84.1	0	3.6	3.5	3.8	3.7	0.3	EPRI	1887	36.1	-84.1	5	MAIN	227.5
522	1918	7	1	19	2	0	39.7	-91.4	0	3.44	3.1	3.47	3.11	0.56	EPRI	1888	39.7	-91.4	4	MAIN	737.7
523	1918	10	4	9	21	0	35	-91.1	0	4.1	4	4.4	4.3	0.3	EPRI	1901	35	-91.1	4.5	MAIN	473.3
524	1918	10	13	9	30	0	36.1	-91	0	3.6	3.5	3.8	3.7	0.3	EPRI	1903	36.1	-91	5	MAIN	485.4
525	1918	10	16	2	15	0	36	-90	0	4.3	4.2	4.6	4.5	0.3	EPRI	1904	36	-90	5	MAIN	396.4
526	1919	2	11	3	37	0	37.8	-87.5	0	3.6	3.5	3.8	3.7	0.3	EPRI	1907	37.8	-87.5	3.5	MAIN	372
527	1919	4	8	12	30	0	36.2	-91.3	0	3.34	3	3.17	2.81	0.56	EPRI	1908	36.2	-91.3	3.5	MAIN	514.5
528	1919	5	23	12	30	0	36.6	-89.2	0	3.8	3.7	3.9	3.8	0.3	EPRI	1909	36.6	-89.2	3	MAIN	363
529	1919	5	25	9	45	0	38.3	-87.5	0	3.9	3.8	4.4	4.3	0.3	EPRI	1911	38.3	-87.5	5	MAIN	423.9
530	1919	9	6	2	46	0	38.8	-78.2	0	4.13	3.8	4.65	4.3	0.55	EPRI	1926	38.8	-78.2	6	1324	827.5
531	1919	11	3	20	40	0	36.3	-91	0	3.7	3.6	3.6	3.5	0.3	EPRI	1930	36.3	-91	4.5	MAIN	492.5
532	1920	4	7	20	45	0	36.3	-88.2	0	3.8	3.7	3.8	3.7	0.3	EPRI	1934	36.3	-88.2	2	MAIN	271.5
533	1920	4	30	15	12	0	38.6	-89.1	0	3.6	3.5	3.9	3.8	0.3	EPRI	1935	38.6	-89.1	4	MAIN	517.6
534	1920	5	1	15	15	0	38	-89.6	0	4	3.9	4.1	4	0.3	EPRI	1936	38	-89.6	5	MAIN	492.5
535	1920	7	24	0	0	0	38.7	-78.4	0	3.64	3.3	3.47	3.11	0.56	EPRI	1943	38.7	-78.4	4	1352	806.8
536	1920	12	24	7	30	0	36	-85	0	3.74	3.4	4.06	3.7	0.56	EPRI	1949	36	-85	5	MAIN	167.1
537	1921	1	9	21	54	0	36.4	-89.5	0	3.4	3.3	3.8	3.7	0.3	EPRI	1951	36.4	-89.5	4	MAIN	374.1
538	1921	2	27	22	16	0	37	-89.2	0	3.8	3.7	3.8	3.7	0.3	EPRI	1958	37	-89.2	3	MAIN	390
539	1921	3	14	12	15	0	40	-88	0	4.1	4	4.5	4.4	0.3	EPRI	1959	40	-88	4	MAIN	616.9
540	1921	3	31	20	3	0	37.9	-87.8	0	3.44	3.1	3.47	3.11	0.56	EPRI	1961	37.9	-87.8	4	MAIN	393
541	1921	7	15	0	0	0	36.7	-82.3	0	4.33	4	4.65	4.3	0.55	EPRI	1962	36.6	-82.3	6	MAIN	396.4
542	1921	8	7	6	30	0	37.8	-78.4	0	4.13	3.8	4.65	4.3	0.55	EPRI	1965	37.8	-78.4	6	MAIN	759.7
543	1921	10	1	9	0	0	37.7	-88.6	0	3.6	3.5	3.9	3.8	0.3	EPRI	1975	37.7	-88.6	4	MAIN	410.4
544	1921	10	9	7	50	0	38.3	-90.1	0	3.8	3.7	3.8	3.7	0.3	EPRI	1976	38.3	-90.1	3	1382	546.9
545	1921	12	15	13	20	0	35.8	-84.6	0	3.74	3.4	4.06	3.7	0.56	EPRI	1980	35.8	-84.6	5	MAIN	171.8
546	1922	1	11	3	42	0	37.9	-87.8	0	3.8	3.7	4.2	4.1	0.3	EPRI	1982	37.9	-87.8	4.5	MAIN	393
547	1922	3	22	22	30	0	37.9	-88.4	0	4.7	4.6	4.2	4.1	0.3	EPRI	19852	37.9	-88.4	7	MAIN	418.8
548	1922	3	28	16	42	0	36.7	-90.4	0	3.9	3.8	4.1	4	0.3	EPRI	1988	36.7	-90.4	3	MAIN	460.9
549	1922	3	30	1	20	0	35.5	-86.7	0	3.44	3.1	3.47	3.11	0.56	EPRI	1989	35.5	-86.7	4	MAIN	112.7
550	1922	3	30	3	21	0	36.8	-82.3	0	3.64	3.3	3.47	3.11	0.56	EPRI	1990	36.8	-82.3	4	1377	402.6
551	1922	3	30	16	53	0	36.1	-89.6	0	4	3.9	4.2	4.1	0.3	EPRI	1991	36.1	-89.6	4.5	MAIN	367.2
552	1922	11	27	3	31	0	37.4	-88.2	0	4.7	4.6	4.1	4	0.3	EPRI	2002	37.4	-88.2	7	MAIN	362.7
553	1923	3	9	2	45	0	38.9	-89.4	0	4	3.9	3.9	3.8	0.3	EPRI	2008	38.9	-89.4	3.5	MAIN	559.9
554	1923	3	27	8	0	0	34.6	-89.7	0	3.8	3.7	3.9	3.8	0.3	EPRI	2009	34.6	-89.7	3.5	MAIN	345.2
555	1923	5	6	7	50	0	37	-89.2	0	3.8	3.7	3.9	3.8	0.3	EPRI	2010	37	-89.2	3.5	MAIN	390
556	1923	10	18	19	30	0	35.3	-82.5	0	3.44	3.1	0	0	0.56	Added	0	0	0	0	320	
557	1923	10	28	17	10	0	35.3	-90	0	4.2	4.1	3.9	3.8	0.3	EPRI	2015	35.3	-90	5	MAIN	376.8
558	1923	11	10	4	0	0	40	-89.9	0	3.4	3.3	3.5	3.4	0.3	EPRI	2016	40	-89.9	5	MAIN	685.9
559	1923	11	26	23	25	0	35.5	-90.4	0	3.7	3.6	4.1	4	0.3	EPRI	2017	35.5	-90.4	4	MAIN	416.4
560	1923	11	29	23	20	0	37	-89.2	0	3.44	3.1	3.47	3.11	0.56	EPRI	2019	37	-89.2	4	1413	390
561	1923	12	31	0	0	0	39.09	-78.06	0	3.84	3.5	0	0	0.56	Added	0	0	0	0	854.9	
562	1923	12	31	20	6	0	34.8	-82.5	0	3.64	3.3	3.47	3.11	0.56	EPRI	2020	34.8	-82.5	4	MAIN	314.2
563	1924	1	1	3	5	0	36	-90	0	4.4	4.3	4.5	4.4	0.3	EPRI	2024	36	-90	6	MAIN	396.4
564	1924	4	2	11	15	0	37	-88.8	0	4.1	4	3.89	3.79	0.3	EPRI	2028	37	-88.8	5	MAIN	363.5

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
565	1924	6	7	5	42	0	36.5	-89.8	0	3.8	3.7	3.9	3.8	0.3	EPRI	2031	36.5	-89.8	5	MAIN	403
566	1924	10	20	8	30	0	35	-82.6	0	4.74	4.4	4.06	3.7	0.56	EPRI	2047	35	-82.6	5	MAIN	306.2
567	1924	11	13	10	30	0	36.6	-82.2	0	3.44	3.1	3.76	3.4	0.56	EPRI	2048	36.6	-82.2	4.5	MAIN	398.1
568	1924	12	26	4	30	0	37.3	-79.9	0	3.84	3.5	4.06	3.7	0.56	EPRI	2051	37.3	-79.9	5	MAIN	615.6
569	1925	1	27	22	42	0	36.2	-91.7	0	3.7	3.6	3.8	3.7	0.3	EPRI	2056	36.2	-91.7	3	MAIN	549.1
570	1925	3	27	4	6	0	39.5	-83.9	0	3.74	3.4	4.06	3.7	0.56	EPRI	2082	39.5	-83.9	5	MAIN	563.3
571	1925	4	27	4	5	0	38	-88.2	0	5	4.9	5	4.9	0.3	EPRI	2092	38	-88.2	7	MAIN	419.2
572	1925	5	13	12	0	0	36.7	-88.6	0	3.7	3.6	3.8	3.7	0.3	EPRI	2098	36.7	-88.6	4.5	MAIN	327.7
573	1925	5	16	1	30	0	37.3	-77.5	0	3.84	3.5	4.06	3.7	0.56	EPRI	2099	37.3	-77.5	5	MAIN	813.7
574	1925	7	13	0	0	0	38.8	-90	0	3.9	3.8	3.8	3.7	0.3	EPRI	2108	38.8	-90	5	MAIN	582.5
575	1925	7	14	21	20	0	37.6	-77.5	0	3.64	3.3	3.47	3.11	0.56	EPRI	2109	37.6	-77.5	4	MAIN	824.8
576	1925	9	2	11	55	0	37.9	-87.2	0	4.6	4.5	4.7	4.6	0.3	EPRI	2119	37.9	-87.2	6	MAIN	373.2
577	1926	3	22	14	30	0	37.8	-88.6	0	3.6	3.5	3.9	3.8	0.3	EPRI	2163	37.8	-88.6	4	MAIN	419.4
578	1926	4	28	2	16	0	36.2	-89	0	4	3.9	3.9	3.8	0.3	EPRI	2164	36.2	-89	4	MAIN	324.1
579	1926	7	8	9	50	0	35.9	-82.1	0	3.84	3.5	5.26	4.9	0.56	EPRI	2173	35.9	-82.1	7	MAIN	372.8
580	1926	10	27	16	22	0	36.7	-90.4	0	3.6	3.5	3.9	3.8	0.3	EPRI	2184	36.7	-90.4	4	MAIN	460.9
581	1926	11	5	16	53	0	39.1	-82.1	0	3.9	3.8	3.4	3.3	0.3	EPRI	2193	39.1	-82.1	6.5	MAIN	596.4
582	1926	12	13	23	3	0	36.7	-89.4	0	3.8	3.7	3.8	3.7	0.3	EPRI	2202	36.7	-89.4	3	MAIN	384.1
583	1926	12	17	0	0	0	36.4	-89.5	0	3.6	3.5	3.9	3.8	0.3	EPRI	2203	36.4	-89.5	4	MAIN	374.1
584	1927	2	2	1	30	0	37.4	-89.7	0	4	3.9	3.9	3.8	0.3	EPRI	2211	37.4	-89.7	4	MAIN	452.7
585	1927	2	3	8	0	0	36.7	-90.4	0	3.9	3.8	3.8	3.7	0.3	EPRI	2212	36.7	-90.4	4	1533	460.9
586	1927	2	17	5	30	0	40.7	-82.5	0	3.44	3.1	3.47	3.11	0.56	EPRI	2219	40.7	-82.5	4	MAIN	732.5
587	1927	4	18	10	30	0	36.3	-89.5	0	3.6	3.5	3.9	3.8	0.3	EPRI	2236	36.3	-89.5	4	1542	368.8
588	1927	5	7	8	28	0	36	-90.2	0	4.8	4.7	4.7	4.6	0.3	EPRI	2239	36	-90.2	6	MAIN	413.4
589	1927	6	10	7	16	0	38	-79	0	3.94	3.6	4.06	3.7	0.56	EPRI	2250	38	-79	5	MAIN	722.2
590	1927	6	16	12	0	0	34.7	-86	0	3.7	3.6	3.8	3.7	0.3	EPRI	2251	34.7	-86	5	MAIN	6.2
591	1927	7	20	9	58	0	36	-83.9	0	3.84	3.5	0	0	0.56	Added	0	0	0	0		234.1
592	1927	8	13	16	10	0	36.4	-89.5	0	4.2	4.1	4.4	4.3	0.3	EPRI	2254	36.4	-89.5	5	1542	374.1
593	1927	10	8	12	56	0	35.1	-85.3	0	3.64	3.3	4.06	3.7	0.56	EPRI	2258	35	-85.3	5	MAIN	72.6
594	1927	10	29	0	0	0	40.9	-81.2	0	3.74	3.4	4.06	3.7	0.56	EPRI	2264	40.9	-81.2	5	MAIN	805.4
595	1927	11	13	16	21	0	32.3	-90.2	0	3.5	3.4	3.9	3.8	0.3	EPRI	2267	32.3	-90.2	4	MAIN	478.1
596	1927	11	23	0	50	0	33.9	-78	0	3.64	3.3	3.47	3.11	0.56	EPRI	2268	33.9	-78	4	MAIN	736.1
597	1928	3	7	2	45	0	35.6	-87	0	3.6	3.5	3.7	3.6	0.3	EPRI	2285	35.6	-87	2.5	MAIN	139.1
598	1928	3	17	21	15	0	38.6	-90.2	0	3.4	3.3	3.3	3.2	0.3	EPRI	2286	38.6	-90.2	2	MAIN	577.2
599	1928	4	15	11	0	0	36.6	-89.5	0	3.44	3.1	3.47	3.11	0.56	EPRI	2296	36.6	-89.5	4	1542	385.5
600	1928	4	15	15	5	0	37.3	-89.5	0	3.44	3.1	3.47	3.11	0.56	EPRI	2297	37.3	-89.5	4	MAIN	432
601	1928	4	23	11	0	0	36.5	-89.2	0	3.44	3.1	3.47	3.11	0.56	EPRI	2298	36.5	-89.2	4	MAIN	356.8
602	1928	5	31	22	40	0	36.6	-89.5	0	3.44	3.1	3.47	3.11	0.56	EPRI	2305	36.6	-89.5	4	1542	385.5
603	1928	10	27	0	0	0	40.4	-84.1	0	3.1	3	3.2	3.1	0.3	EPRI	2312	40.4	-84.1	3	*	654
604	1928	10	30	11	45	0	37.5	-77.5	0	3.74	3.4	3.47	3.11	0.56	EPRI	2313	37.5	-77.5	4	MAIN	821
605	1928	11	3	4	2	49	36.11	-82.83	0	4.93	4.6	4.65	4.3	0.55	EPRI	2316	36.11	-82.83	6	MAIN	322
606	1928	11	8	14	15	0	39.5	-89.1	0	3.2	3.1	3.4	3.3	0.3	EPRI	2318	39.5	-89.1	4	MAIN	603.1
607	1928	11	10	6	20	0	36.1	-91.1	0	3.44	3.1	3.47	3.11	0.56	EPRI	2319	36.1	-91.1	4	MAIN	494.1
608	1928	12	23	2	30	0	35.3	-80.3	0	3.64	3.3	3.47	3.11	0.56	EPRI	2331	35.3	-80.3	4	MAIN	518.2
609	1928	12	26	3	25	0	36.1	-91.1	0	3.44	3.1	3.47	3.11	0.56	EPRI	2335	36.1	-91.1	4	1620	494.1
610	1929	1	3	12	5	0	33.9	-80.3	0	3.64	3.3	3.47	3.11	0.56	EPRI	2336	33.9	-80.3	4	MAIN	526
611	1929	2	14	20	12	0	38.3	-87.6	0	3.3	3.2	3.6	3.5	0.3	EPRI	2342	38.3	-87.6	4	MAIN	426.9

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
612	1929	2	26	8	15	0	37.6	-90.6	0	3.44	3.1	3.47	3.11	0.56	EPRI	2343	37.6	-90.6	4	MAIN	529
613	1929	3	8	9	6	0	40.4	-84.2	0	3.8	3.7	4	3.9	0.3	EPRI	2344	40.4	-84.2	5	MAIN	651.9
614	1929	5	13	3	50	0	36.4	-89.5	0	3.6	3.5	3.7	3.6	0.3	EPRI	2350	36.4	-89.5	3	1542	374.1
615	1929	10	28	2	15	0	34.3	-82.4	0	3.64	3.3	3.47	3.11	0.56	EPRI	2375	34.3	-82.4	4	MAIN	327.2
616	1929	12	26	2	56	0	38.1	-78.5	0	3.93	3.6	4.65	4.3	0.55	EPRI	2403	38.1	-78.5	6	MAIN	766.4
617	1930	1	26	21	0	0	36.1	-91.1	0	3.44	3.1	3.47	3.11	0.56	EPRI	2415	36.1	-91.1	4	MAIN	494.1
618	1930	2	25	12	45	0	37	-90.2	0	3.34	3	3.17	2.81	0.56	EPRI	2422	37	-90.2	3.5	MAIN	462.1
619	1930	3	26	8	56	0	35.1	-90	0	3.6	3.5	3.5	3.4	0.3	EPRI	2426	35.1	-90.1	4	MAIN	373.9
620	1930	4	2	9	39	0	36.1	-89.7	0	3.44	3.1	3.47	3.11	0.56	EPRI	2428	36.1	-89.7	4	MAIN	375.4
621	1930	6	26	21	45	0	40.5	-84	0	3.54	3.2	3.47	3.11	0.56	EPRI	2432	40.5	-84	4	MAIN	667
622	1930	7	11	0	15	0	40.6	-83.2	0	3.44	3.1	3.47	3.11	0.56	EPRI	2436	40.6	-83.2	4	MAIN	698.8
623	1930	8	8	18	31	0	39.7	-91.4	0	3.44	3.1	3.47	3.11	0.56	EPRI	2441	39.7	-91.4	4	MAIN	737.7
624	1930	8	29	6	26	54	37	-89.1	0	3.6	3.5	3.9	3.8	0.3	EPRI	2443	37	-89.1	4	MAIN	383.2
625	1930	8	30	9	28	0	35.9	-84.4	0	3.84	3.5	4.06	3.7	0.56	EPRI	2445	35.9	-84.4	5	MAIN	192.5
626	1930	9	1	20	27	24	36.6	-89.4	0	3.8	3.7	3.9	3.8	0.3	EPRI	2446	36.6	-89.4	5	MAIN	377.9
627	1930	9	30	20	40	0	40.3	-84.3	0	3.6	3.5	4.2	4.1	0.3	EPRI	2451	40.3	-84.3	7	MAIN	639.1
628	1930	10	16	21	50	0	36	-83.9	0	3.94	3.6	3.17	2.81	0.56	EPRI	2460	36	-83.9	3.5	MAIN	234.1
629	1930	11	16	12	30	0	34.3	-92.8	0	3.4	3.3	3.3	3.2	0.3	EPRI	2465	34.3	-92.8	5	MAIN	632.2
630	1930	12	23	14	44	0	38.5	-90.7	0	3.3	3.2	3.6	3.5	0.3	EPRI	2471	38.5	-90.7	4	MAIN	600
631	1930	12	26	3	0	0	34.5	-80.3	0	3.44	3.1	3.47	3.11	0.56	EPRI	2474	34.5	-80.3	4	MAIN	516.9
632	1931	1	6	2	51	0	39	-87	0	3.6	3.5	3.5	3.4	0.3	EPRI	2476	39	-87	5	MAIN	487.3
633	1931	3	21	15	48	0	40.4	-84.2	0	3.36	3	2.88	2.51	0.57	EPRI	2487	40.4	-84.2	3	*	651.9
634	1931	4	1	23	20	9	36.9	-88.3	0	3.6	3.5	3.8	3.7	0.3	EPRI	2490	36.9	-88.3	3	MAIN	324.5
635	1931	4	6	15	37	3	36.8	-89	0	3.2	3.1	3.5	3.4	0.3	EPRI	2491	36.8	-89	4	MAIN	362.1
636	1931	5	5	12	18	0	33.7	-86.6	0	4.53	4.2	4.65	4.3	0.55	EPRI	2501	33.7	-86.6	6	MAIN	127.6
637	1931	7	18	14	52	0	36.6	-89.5	0	3.4	3.3	3.8	3.7	0.3	EPRI	2507	36.6	-89.5	4	MAIN	385.5
638	1931	9	20	23	4	54	40.43	-84.27	5	4.8	4.7	4.6	4.5	0.3	EPRI	2529	40.43	-84.27	7	MAIN	653.7
639	1931	12	10	8	11	36	35.9	-89.9	0	3.4	3.3	3.8	3.7	0.3	EPRI	2549	35.9	-89.9	4	MAIN	384.2
640	1931	12	17	3	36	0	34.1	-89.8	0	4.8	4.7	4.7	4.6	0.3	EPRI	2550	34.1	-89.8	6.5	MAIN	361.5
641	1932	1	5	4	5	0	37.6	-78.4	0	3.44	3.1	3.47	3.11	0.56	EPRI	2554	37.6	-78.4	4	MAIN	750.6
642	1932	11	22	7	56	42	36	-90.2	0	3.5	3.4	3.6	3.5	0.3	EPRI	2568	36	-90.2	3	MAIN	413.4
643	1933	2	23	3	20	0	40.3	-84.2	0	3.4	3.3	3.8	3.7	0.3	EPRI	2587	40.3	-84.2	4	MAIN	641.1
644	1933	3	11	12	48	0	36.7	-90.4	0	3.44	3.1	3.47	3.11	0.56	EPRI	2591	36.7	-90.4	4	MAIN	460.9
645	1933	5	28	15	10	0	38.6	-83.7	0	3.5	3.4	3.6	3.5	0.3	EPRI	2594	38.6	-83.7	5	MAIN	477.1
646	1933	6	9	11	30	0	33.3	-83.5	0	3.64	3.3	3.47	3.11	0.56	EPRI	2596	33.3	-83.5	4	MAIN	273.6
647	1933	7	13	14	42	39	37.9	-89.9	0	3.4	3.3	3.31	3.2	0.3	EPRI	2599	37.9	-89.9	3	MAIN	503.1
648	1933	8	4	4	34	15	37.9	-89.9	0	3.2	3.1	3.5	3.4	0.3	EPRI	2602	37.9	-89.9	4	1811	503.1
649	1933	11	16	9	29	1	38.6	-90.6	0	3.4	3.3	3.7	3.6	0.3	EPRI	2613	38.6	-90.6	4	MAIN	601.4
650	1933	12	9	8	50	0	35.8	-90.2	0	4.1	4	3.2	3.1	0.3	EPRI	2616	35.8	-90.2	6	*	406.6
651	1933	12	23	9	40	0	32.9	-80	0	3.84	3.5	4.06	3.7	0.56	EPRI	2618	32.9	-80	5	MAIN	584.8
652	1934	5	15	14	28	0	37.9	-89.9	0	3.34	3	3.17	2.81	0.56	EPRI	2635	37.9	-89.9	3.5	1811	503.1
653	1934	7	3	3	10	41	35.2	-90	0	3.44	3.1	3.47	3.11	0.56	EPRI	2639	35.2	-90	4	MAIN	375.2
654	1934	8	20	0	47	0	36.9	-89.2	0	4.4	4.3	4.73	4.63	0.3	EPRI	2651	36.9	-89.2	6	MAIN	383
655	1934	10	30	2	25	47	37.5	-88.5	0	3.4	3.3	3.7	3.6	0.3	EPRI	2665	37.5	-88.5	4	MAIN	387.3
656	1934	12	9	9	0	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	2670	32.9	-80	4	1823	584.8
657	1935	1	1	8	15	0	35.1	-83.6	0	3.74	3.4	4.06	3.7	0.56	EPRI	2671	35.1	-83.6	5	MAIN	217.4
658	1935	2	10	23	45	0	37.2	-77.4	0	3.64	3.3	3.47	3.11	0.56	EPRI	2681	37.2	-77.4	4	MAIN	818.8

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
659	1935	7	24	1	38	0	36.4	-89.5	0	3.44	3.1	3.47	3.11	0.56	EPRI	2695	36.4	-89.5	4	MAIN	374.1
660	1935	11	1	8	30	0	38.9	-78.9	0	3.64	3.3	3.47	3.11	0.56	EPRI	2701	38.9	-78.9	4	MAIN	782.2
661	1936	2	17	5	5	8	36.2	-89.7	0	3.44	3.1	3.47	3.11	0.56	EPRI	2749	36.2	-89.7	4	MAIN	380
662	1936	8	2	22	16	25	36.7	-89	0	4	3.9	4.1	4	0.3	EPRI	2768	36.7	-89	3	MAIN	355.2
663	1936	10	8	16	30	0	39.3	-84.4	0	3.4	3.3	3.5	3.4	0.3	EPRI	2772	39.3	-84.4	3	MAIN	529.2
664	1937	1	30	8	57	9	36.2	-89.7	2	3.4	3.3	3.7	3.6	0.3	EPRI	2789	36.2	-89.7	4	MAIN	380
665	1937	2	3	1	26	0	37.7	-78.7	0	3.94	3.6	3.47	3.11	0.56	EPRI	2790	37.7	-78.7	4	MAIN	730.9
666	1937	3	9	5	44	35	40.47	-84.28	0	4.9	4.8	4.9	4.8	0.3	EPRI	2807	40.47	-84.28	7.5	1937	657.9
667	1937	5	17	0	49	46	36.1	-90.6	0	4.1	4	4.3	4.2	0.3	EPRI	2827	36.1	-90.6	4.5	MAIN	451.1
668	1937	11	17	17	4	0	38.6	-89.1	0	4.1	4	4.2	4.1	0.3	EPRI	2866	38.6	-89.1	5	MAIN	517.6
669	1938	3	31	10	10	0	35.6	-83.5	0	3.94	3.6	3.47	3.11	0.56	EPRI	2879	35.6	-83.5	4	MAIN	242.8
670	1938	7	15	22	46	12	40.68	-78.43	1	3.3	3.2	3.3	3.2	0.3	EPRI	2905	40.68	-78.43	6	MAIN	938.1
671	1938	9	18	3	34	28	35.413	-90.254	1	4.9	4.8	4.8	4.7	0.3	EPRI	2930	35.41	-90.25	4.5	MAIN	401.6
672	1939	3	18	14	3	0	40.4	-84	0	3.4	3.3	3.6	3.5	0.3	EPRI	2964	40.4	-84	3.5	1937	656.3
673	1939	4	15	17	25	0	36.8	-89.4	0	3.3	3.2	3.4	3.3	0.3	EPRI	2966	36.8	-89.4	3	MAIN	390.5
674	1939	5	5	2	45	0	33.7	-85.8	0	3.64	3.3	4.06	3.7	0.56	EPRI	2967	33.7	-85.8	5	MAIN	112.5
675	1939	6	18	3	20	0	40.3	-84	0	3.2	3.1	3.4	3.3	0.3	EPRI	2973	40.3	-84	4	2037	645.6
676	1939	6	19	21	43	12	34.1	-92.6	0	4.2	4.1	4.4	4.3	0.3	EPRI	2974	34.1	-92.6	5	MAIN	616.6
677	1939	6	24	10	27	0	34.7	-86.6	0	3.5	3.4	3.5	3.4	0.3	EPRI	2977	34.7	-86.6	4	MAIN	61
678	1939	11	23	15	14	52	38.18	-90.14	0	5	4.9	4.9	4.8	0.3	EPRI	3018	38.18	-90.14	5	MAIN	539.9
679	1940	3	26	0	1	0	38.8	-78.5	0	3.84	3.5	4.06	3.7	0.56	EPRI	3041	38.8	-78.5	5	2088	805.2
680	1940	5	31	19	3	0	37.1	-88.6	0	3.5	3.4	3.6	3.5	0.3	EPRI	3056	37.1	-88.6	5	MAIN	359
681	1940	6	16	4	30	0	40.9	-82.3	0	3.44	3.1	3.47	3.11	0.56	EPRI	3058	40.9	-82.3	4	MAIN	759.9
682	1940	10	19	5	54	0	34.7	-85.1	0	3.4	3.3	3.5	3.4	0.3	EPRI	3076	34.7	-85.1	4.5	MAIN	76.2
683	1940	11	23	21	15	0	38.2	-90.1	0	5.12	5	4.95	4.82	0.33	EPRI	3078	38.2	-90.1	6	MAIN	539
684	1940	12	25	6	5	0	35.9	-82.9	0	3.54	3.2	3.47	3.11	0.56	EPRI	120425	35.9	-82.9	4	MAIN	305.9
685	1940	12	29	2	30	0	37.9	-87.3	0	3.7	3.6	3.6	3.5	0.3	EPRI	3110	37.9	-87.3	3	MAIN	376.1
686	1941	3	4	6	15	0	36	-83.9	0	3.76	3.4	2.88	2.51	0.57	EPRI	3115	36	-83.9	3	*	234.1
687	1941	5	10	11	12	0	35.6	-82.6	0	3.64	3.3	3.47	3.11	0.56	EPRI	3121	35.6	-82.6	4	MAIN	319.3
688	1941	6	28	18	30	0	32.3	-90.8	0	3.34	3	3.17	2.81	0.56	EPRI	3127	32.3	-90.8	3.5	MAIN	525.3
689	1941	9	8	9	45	0	35	-85.3	0	3.1	3	3.2	3.1	0.3	EPRI	3135	35	-85.3	4	*	66.5
690	1941	10	8	7	51	0	36.2	-89.7	0	3.4	3.3	3.7	3.6	0.3	EPRI	3138	36.2	-89.7	4.5	MAIN	380
691	1941	10	21	16	53	0	37	-89.1	0	3.4	3.3	3.7	3.6	0.3	EPRI	3148	37	-89.1	4	MAIN	383.2
692	1941	11	15	3	7	0	35.1	-90	0	3.44	3.1	3.47	3.11	0.56	EPRI	3151	35.1	-90	4	MAIN	373.9
693	1941	11	17	3	8	0	35.5	-89.7	0	4.3	4.2	4.7	4.6	0.3	EPRI	3153	35.5	-89.7	6	MAIN	354.3
694	1942	1	14	18	5	0	38.4	-90.3	0	3.4	3.3	3.6	3.5	0.3	EPRI	3156	38.4	-90.3	3	MAIN	567.1
695	1942	3	29	12	43	0	37.7	-88.6	0	3.1	3	3.2	3.1	0.3	EPRI	3167	37.7	-88.6	4	*	410.4
696	1942	8	31	9	28	0	37	-89.2	0	3.44	3.1	3.47	3.11	0.56	EPRI	3178	37	-89.2	4	MAIN	390
697	1942	10	7	2	15	0	37.6	-78.4	0	3.64	3.3	3.47	3.11	0.56	EPRI	3187	37.6	-78.4	4	MAIN	750.6
698	1942	11	17	18	18	0	38.6	-90.2	0	3.1	3	3.2	3.1	0.3	EPRI	3191	38.6	-90.2	4	*	577.2
699	1943	4	13	17	0	0	38.3	-85.8	0	3.44	3.1	3.47	3.11	0.56	EPRI	3219	38.3	-85.8	4	MAIN	400.2
700	1943	6	8	19	50	0	38.6	-90.4	0	3.34	3	3.17	2.81	0.56	EPRI	3225	38.6	-90.4	3.5	MAIN	589.2
701	1943	12	28	10	25	0	33	-80.2	0	3.64	3.3	3.47	3.11	0.56	EPRI	3241	33	-80.2	4	MAIN	563.3
702	1944	1	7	5	18	0	37.5	-89.7	0	3.3	3.2	3.6	3.5	0.3	EPRI	3243	37.5	-89.7	4	MAIN	459.9
703	1944	9	25	11	37	23	37.9	-90	0	4	3.9	4.4	4.3	0.3	EPRI	3298	37.9	-90	4	MAIN	509.5
704	1944	11	13	11	52	0	40.4	-84.4	0	4.2	4.1	4.3	4.2	0.3	EPRI	3309	40.4	-84.4	3	MAIN	648
705	1944	12	23	7	23	0	36.2	-89.7	0	3.44	3.1	3.47	3.11	0.56	EPRI	3314	36.2	-89.7	4	MAIN	380

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
706	1945	1	16	2	0	0	37.8	-90.2	0	3.3	3.2	3.6	3.5	0.3	EPRI	3315	37.8	-90.2	4	MAIN	515.2
707	1945	1	30	20	20	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	3316	32.9	-80	4	2218	584.8
708	1945	3	28	1	45	58	38.6	-90.2	0	3.8	3.7	3.9	3.8	0.3	EPRI	3318	38.6	-90.2	3	MAIN	577.2
709	1945	5	2	11	22	0	36.5	-89.7	0	3.4	3.3	3.7	3.6	0.3	EPRI	3320	36.5	-89.7	4	MAIN	395.2
710	1945	5	21	7	51	0	38.6	-90.2	0	3.44	3.1	3.47	3.11	0.56	EPRI	3322	38.6	-90.2	4	2261	577.2
711	1945	6	14	3	25	0	35	-84.5	0	3.7	3.6	4	3.9	0.3	EPRI	3326	35	-84.5	5	MAIN	134.9
712	1945	7	26	10	32	16	33.75	-81.38	5	4.1	4	4.4	4.3	0.3	EPRI	3339	33.75	-81.38	4.5	MAIN	432.4
713	1945	9	23	6	22	0	37	-89.8	0	3.44	3.1	3.47	3.11	0.56	EPRI	3345	37	-89.8	4	MAIN	432.4
714	1945	10	12	19	0	0	37.5	-78.5	0	3.64	3.3	3.47	3.11	0.56	EPRI	3349	37.5	-78.5	4	MAIN	738.1
715	1945	11	13	8	21	0	37	-89.2	0	3.8	3.7	4.1	4	0.3	EPRI	3354	37	-89.2	4	MAIN	390
716	1946	2	25	0	52	0	38.6	-89.1	0	3.4	3.3	3.6	3.5	0.3	EPRI	3358	38.6	-89.1	4	MAIN	517.6
717	1946	4	7	5	0	0	35.2	-84.9	0	4.14	3.8	3.47	3.11	0.56	EPRI	3361	35.2	-84.9	4	MAIN	109.1
718	1946	5	15	6	10	0	36.6	-90.8	0	4.1	4	4.2	4.1	0.3	EPRI	3364	36.6	-90.8	3.5	MAIN	488.3
719	1946	10	8	1	12	2	37.5	-90.6	0	4.1	4	4.4	4.3	0.3	EPRI	3375	37.5	-90.6	4.5	MAIN	522.5
720	1947	3	26	0	0	0	37	-88.4	0	4.1	4	3.8	3.7	0.3	EPRI	3394	37	-88.4	6	MAIN	338.8
721	1947	6	6	12	55	0	36	-84	0	3.76	3.4	2.88	2.51	0.57	EPRI	3402	36	-84	3	*	227
722	1947	6	30	4	23	53	38.4	-90.2	0	4.3	4.2	4.2	4.1	0.3	EPRI	3403	38.4	-90.2	6	MAIN	561
723	1947	9	20	21	30	0	31.9	-92.6	0	3.64	3.3	3.76	3.4	0.56	EPRI	3413	31.9	-92.6	4.5	MAIN	695.1
724	1947	11	2	4	30	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	3416	32.9	-80	4	MAIN	584.8
725	1947	12	1	7	47	33	36.7	-90.6	0	3.8	3.7	4.2	4.1	0.3	EPRI	3419	36.7	-90.6	4	MAIN	476.8
726	1947	12	16	3	27	0	35.6	-90.1	0	4.1	4	4	3.9	0.3	EPRI	3420	35.6	-90.1	5	MAIN	392.2
727	1947	12	27	19	0	0	35	-85.3	0	3.54	3.2	3.47	3.11	0.56	EPRI	3421	35	-85.3	4	MAIN	66.5
728	1948	1	5	3	20	0	37.5	-78.5	0	3.84	3.5	4.06	3.7	0.56	EPRI	3432	37.5	-78.5	5	MAIN	738.1
729	1948	1	6	1	34	0	38.6	-89.1	0	3.2	3.1	3.3	3.2	0.3	EPRI	3434	38.6	-89.1	4.5	MAIN	517.6
730	1948	2	10	0	4	0	36.4	-84.1	0	3.73	3.4	4.35	4	0.55	EPRI	3441	36.4	-84.1	5.5	MAIN	251.2
731	1949	1	14	3	49	0	36.4	-89.7	0	3.6	3.5	3.6	3.5	0.3	EPRI	3470	36.4	-89.7	5	MAIN	389.9
732	1949	2	2	10	52	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	3472	32.9	-80	4	MAIN	584.8
733	1949	5	8	11	1	0	37.6	-77.6	0	3.94	3.6	4.06	3.7	0.56	EPRI	3479	37.6	-77.6	5	MAIN	816.5
734	1949	6	27	6	53	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	3484	32.9	-80	4	2372	584.8
735	1949	9	17	9	30	0	36.7	-83	0	3.54	3.2	3.47	3.11	0.56	EPRI	3490	36.7	-83	4	MAIN	345.8
736	1950	2	8	10	37	0	37.7	-92.7	0	3.8	3.7	4	3.9	0.3	EPRI	3501	37.7	-92.7	5	MAIN	693.8
737	1950	4	20	0	0	0	39.8	-84.2	0	3.44	3.1	3.47	3.11	0.56	EPRI	3512	39.8	-84.2	4	MAIN	587.4
738	1950	6	19	4	19	0	35.8	-84	0	3.6	3.5	4.2	4.1	0.3	EPRI	3514	35.8	-84	4	MAIN	213.8
739	1950	9	17	5	48	0	35.7	-89.9	0	3.34	3	3.17	2.81	0.56	EPRI	3523	35.7	-89.9	3.5	MAIN	377.5
740	1950	11	26	7	45	0	37.7	-78.3	0	3.64	3.3	4.06	3.7	0.56	EPRI	3525	37.7	-78.3	5	MAIN	763.2
741	1951	3	4	2	55	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	3528	32.9	-80	4	MAIN	584.8
742	1951	3	9	7	0	0	37.6	-77.6	0	3.84	3.5	4.06	3.7	0.56	EPRI	3529	37.6	-77.6	5	MAIN	816.5
743	1951	9	20	2	38	0	38.7	-89.9	0	3.4	3.3	3.6	3.5	0.3	EPRI	3551	38.7	-89.9	4	MAIN	568.4
744	1951	12	30	7	55	0	32.9	-80	0	3.64	3.3	3.47	3.11	0.56	EPRI	3571	32.9	-80	4	MAIN	584.8
745	1952	2	6	16	12	0	33.5	-86.8	0	3.44	3.1	0	0	0.56	Added	0	0	0	0		156.1
746	1952	2	20	22	34	39	36.4	-89.5	0	4	3.9	4.2	4.1	0.3	EPRI	3583	36.4	-89.5	5	MAIN	374.1
747	1952	5	28	9	54	14	36.6	-89.7	0	3.4	3.3	3.6	3.5	0.3	EPRI	3628	36.6	-89.7	4	MAIN	400.7
748	1952	6	11	20	20	0	36.3	-82.3	0	3.64	3.3	3.47	3.11	0.56	EPRI	3629	36.3	-82.3	4	MAIN	374
749	1952	6	20	9	38	8	39.64	-82.02	9	4	3.9	4.1	4	0.3	EPRI	3634	39.64	-82.02	6	MAIN	649.7
750	1952	7	16	23	48	10	36.2	-89.6	0	4.33	4	4.65	4.3	0.55	EPRI	3637	36.2	-89.6	6	MAIN	371.8
751	1952	10	17	4	16	18	36.2	-89.6	0	3.2	3.1	3.4	3.3	0.3	EPRI	3664	36.2	-89.6	4	2474	371.8
752	1952	11	19	0	0	0	32.9	-80	0	3.44	3.1	4.06	3.7	0.56	EPRI	3672	32.9	-80	5	MAIN	584.8

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
753	1952	12	25	4	23	24	35.9	-89.8	0	3.7	3.6	4.1	4	0.3	EPRI	3677	35.9	-89.8	4	2474	375.7
754	1953	2	7	7	5	0	37.7	-78.1	0	3.64	3.3	3.47	3.11	0.56	EPRI	3686	37.7	-78.1	4	MAIN	779.5
755	1953	2	11	10	50	54	36.5	-89.5	0	3.4	3.3	3.6	3.5	0.3	EPRI	3687	36.5	-89.5	4	2474	379.7
756	1953	5	12	18	50	0	35.6	-90.3	0	3.44	3.1	3.47	3.11	0.56	EPRI	3712	35.6	-90.3	4	MAIN	409.8
757	1953	9	11	18	26	28	38.8	-90.1	0	4	3.9	4.1	4	0.3	EPRI	3720	38.8	-90.1	6	MAIN	588.1
758	1953	10	11	4	0	0	36	-83.9	0	3.64	3.3	3.47	3.11	0.56	EPRI	3727	36	-83.9	4	MAIN	234.1
759	1953	12	30	22	0	0	38.6	-89.1	0	3.4	3.3	3.6	3.5	0.3	EPRI	3731	38.6	-89.1	4	MAIN	517.6
760	1954	1	1	2	30	0	37.3	-83.2	0	4.14	3.8	3.47	3.11	0.56	EPRI	3733	37.3	-83.2	4	MAIN	379.4
761	1954	1	2	3	25	0	36.6	-83.7	0	4.73	4.4	4.65	4.3	0.55	EPRI	3734	36.6	-83.7	6	MAIN	292
762	1954	1	7	7	25	0	40.3	-76	0	3.53	3.2	4.65	4.3	0.55	EPRI	3737	40.3	-76	6	MAIN	1077.4
763	1954	1	17	7	15	0	36	-89.4	0	3.2	3.1	3.5	3.4	0.3	EPRI	3741	36	-89.4	4	MAIN	346.2
764	1954	1	23	1	0	0	35.3	-84.4	0	3.44	3.1	4.06	3.7	0.56	EPRI	3745	35.3	-84.4	5	MAIN	154.6
765	1954	2	2	16	53	0	36.7	-90.3	0	4.4	4.3	4.4	4.3	0.3	EPRI	3749	36.7	-90.3	6	MAIN	453
766	1954	4	27	4	9	0	35.1	-90	0	4	3.9	4.4	4.3	0.3	EPRI	3784	35.1	-90	5	2561	373.9
767	1954	8	9	0	0	0	38.5	-87.3	0	3.44	3.1	3.47	3.11	0.56	EPRI	3794	38.5	-87.3	4	MAIN	439.6
768	1955	1	6	20	30	0	36.6	-82.2	0	3.44	3.1	3.47	3.11	0.56	EPRI	3817	36.6	-82.2	4	MAIN	398.1
769	1955	1	17	12	37	0	37.3	-78.4	0	3.64	3.3	3.47	3.11	0.56	EPRI	3820	37.3	-78.4	4	MAIN	738.1
770	1955	1	25	19	34	0	36	-83.9	0	3.44	3.1	3.47	3.11	0.56	EPRI	3832	36	-83.9	4	2584	234.1
771	1955	1	25	7	24	39	36.07	-89.83	8	4.4	4.3	4.5	4.4	0.3	EPRI	3831	36.07	-89.83	6	MAIN	384.9
772	1955	4	9	13	1	23	38.23	-89.78	11	4.4	4.3	4.3	4.2	0.3	EPRI	3851	38.23	-89.78	5.5	MAIN	522
773	1955	9	6	1	45	0	36	-89.5	0	3.74	3.4	4.06	3.7	0.56	EPRI	3861	36	-89.5	5	2605	354.5
774	1955	9	24	18	45	0	36.4	-89.5	0	3.44	3.1	3.47	3.11	0.56	EPRI	3863	36.4	-89.5	4	MAIN	374.1
775	1955	9	28	7	1	41	36.6	-81.3	0	3.84	3.5	4.06	3.7	0.56	EPRI	3864	36.6	-81.3	5	MAIN	469.2
776	1955	12	13	7	43	0	36	-89.5	0	3.74	3.4	4.06	3.7	0.56	EPRI	3876	36	-89.5	5	2605	354.5
777	1956	1	5	8	0	0	34.3	-82.4	0	3.64	3.3	3.47	3.11	0.56	EPRI	3878	34.3	-82.4	4	MAIN	327.2
778	1956	1	27	11	3	27	40.5	-84	0	3.88	3.7	4.42	4.23	0.41	EPRI	3886	40.5	-84	0	MAIN	667
779	1956	1	29	4	44	15	35.76	-89.8	16	4	3.9	4	3.9	0.3	EPRI	3889	35.76	-89.8	6	MAIN	370.7
780	1956	3	13	15	5	0	40.5	-90.4	0	3.8	3.7	3.7	3.6	0.3	EPRI	3897	40.5	-90.4	4	MAIN	755.8
781	1956	5	19	19	0	0	34.3	-82.4	0	3.64	3.3	3.47	3.11	0.56	EPRI	3901	34.3	-82.4	4	2629	327.2
782	1956	9	7	13	35	50	36.44	-83.79	5	4.04	4	4.06	4.01	0.2	EPRI	3918	36.44	-83.79	6	MAIN	273.7
783	1956	9	7	13	49	29	35.5	-84	0	4.3	4.2	4.1	4	0.3	EPRI	3921	35.5	-84	6	MAIN	197
784	1956	9	9	22	45	0	35.8	-86.7	0	3.3	3.2	3.2	3.1	0.3	EPRI	3922	35.8	-86.7	4	*	140.4
785	1956	9	27	14	15	0	31.9	-88.4	0	4.14	3.8	3.47	3.11	0.56	EPRI	3924	31.9	-88.4	4	MAIN	387.4
786	1956	10	29	9	23	44	36.1	-89.7	0	3.74	3.4	4.06	3.7	0.56	EPRI	3929	36.1	-89.7	5	2605	375.4
787	1956	11	26	4	12	43	36.91	-90.39	1	4.4	4.3	4.4	4.3	0.3	EPRI	3938	36.91	-90.39	6	MAIN	471.4
788	1957	1	25	18	15	0	36.6	-83.7	0	4.1	4	4	3.9	0.3	EPRI	3942	36.6	-83.7	6	2660	292
789	1957	3	26	8	27	6	37	-88.4	0	3.2	3.1	3.3	3.2	0.3	EPRI	3955	37	-88.4	4	MAIN	338.8
790	1957	4	23	9	23	39	33.77	-86.72	5	4.34	4.3	4.16	4.11	0.2	EPRI	3957	33.77	-86.72	6	MAIN	126.8
791	1957	5	13	14	24	51	35.8	-82.14	5	4.14	4.1	4.06	4.01	0.2	EPRI	3964	35.8	-82.14	6	MAIN	365.7
792	1957	6	23	6	34	16	35.95	-84.1	5	3.64	3.3	4.06	3.7	0.56	EPRI	3967	35.95	-84.1	5	MAIN	216.5
793	1957	7	2	9	33	1	35.6	-82.7	0	3.94	3.9	4.56	4.51	0.2	EPRI	3971	35.6	-82.7	6	MAIN	310.6
794	1957	8	17	23	0	0	36.2	-89.5	0	3.44	3.1	3.47	3.11	0.56	EPRI	3978	36.2	-89.5	4	MAIN	363.7
795	1957	11	7	17	15	0	36	-84	0	3.64	3.3	3.47	3.11	0.56	EPRI	121475	36	-84	4	2693	227
796	1957	11	24	20	6	17	35	-83.5	0	4	3.9	4	3.9	0.3	EPRI	3991	35	-83.5	6	MAIN	224.6
797	1958	1	8	2	41	43	38.4	-87.9	0	4.84	4.5	0	0	0.56	Added	0	0	0	0		447.2
798	1958	1	26	16	55	37	36.1	-89.7	0	3.9	3.8	4.1	4	0.3	EPRI	3999	36.1	-89.7	5	MAIN	375.4
799	1958	1	28	5	56	40	37.1	-89.2	0	4	3.9	4.2	4.1	0.3	EPRI	4000	37.1	-89.2	5	MAIN	397.2

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
800	1958	3	5	11	53	43	34.2	-77.8	0	3.74	3.4	4.06	3.7	0.56	EPRI	4005	34.2	-77.8	5	MAIN	749.9
801	1958	4	8	22	25	33	36.3	-89.2	0	3.5	3.4	3.6	3.5	0.3	EPRI	4009	36.3	-89.2	5	MAIN	345.2
802	1958	4	26	7	30	0	36.4	-89.5	0	3.3	3.2	3.6	3.5	0.3	EPRI	4010	36.4	-89.5	4	MAIN	374.1
803	1958	5	16	22	30	0	35.6	-82.6	0	3.64	3.3	3.47	3.11	0.56	EPRI	4023	35.6	-82.6	4	2695	319.3
804	1958	5	20	1	25	0	35.5	-90.4	0	3.44	3.1	3.47	3.11	0.56	EPRI	4024	35.5	-90.4	4	MAIN	416.4
805	1958	10	20	6	16	0	34.5	-82.7	0	3.84	3.5	4.06	3.7	0.56	EPRI	4056	34.5	-82.7	5	MAIN	297.1
806	1958	10	23	2	29	44	37.2	-81.9	5	3.04	3	3	2.95	0.2	EPRI	4061	37.2	-81.9	0	*	457.4
807	1958	11	8	2	41	12	38.44	-88.01	5	4.5	4.4	4.4	4.3	0.3	EPRI	4064	38.44	-88.01	6	MAIN	455.2
808	1959	1	21	15	35	0	36.3	-89.5	0	3.44	3.1	3.47	3.11	0.56	EPRI	4072	36.3	-89.5	4	2767	368.8
809	1959	2	13	8	37	0	36.1	-89.5	0	3.3	3.2	3.3	3.2	0.3	EPRI	4076	36.1	-89.5	5	MAIN	359
810	1959	4	23	20	58	39	37.39	-80.68	1	3.8	3.7	3.8	3.7	0.3	EPRI	4080	37.39	-80.68	6	MAIN	559.5
811	1959	6	13	1	15	0	35.4	-84.3	0	3.7	3.6	3.6	3.5	0.3	EPRI	4088	35.4	-84.3	4	MAIN	167.7
812	1959	7	7	23	17	0	37.3	-80.7	0	3.44	3.1	3.47	3.11	0.56	EPRI	4094	37.3	-80.7	4	2770	552.9
813	1959	8	3	6	8	36	33.05	-80.13	1	4.64	4.6	4.36	4.31	0.2	EPRI	4098	33.05	-80.13	6	MAIN	567.4
814	1959	8	12	18	6	1	34.79	-86.56	5	3.94	3.9	3.76	3.71	0.2	EPRI	4102	34.79	-86.56	6	MAIN	58.1
815	1959	8	21	17	20	0	37.3	-80.7	0	3.54	3.2	3.47	3.11	0.56	EPRI	4103	37.3	-80.7	4	2770	552.9
816	1959	10	27	2	7	28	34.5	-80.2	0	4.33	4	4.65	4.3	0.55	EPRI	4109	34.5	-80.2	6	MAIN	526.1
817	1959	12	21	16	23	39	36.03	-89.34	5	3.44	3.4	3.36	3.31	0.2	EPRI	4110	36.03	-89.34	5	MAIN	342.6
818	1960	1	28	21	38	0	36	-89.5	0	3.3	3.2	3.3	3.2	0.3	EPRI	4117	36	-89.5	5	2790	354.5
819	1960	2	9	14	0	0	35.4	-82.4	0	3.44	3.1	0	0	0.56	Added	0	0	0	0		331.1
820	1960	3	12	12	47	44	33.07	-80.12	9	4.24	4.2	3.96	3.91	0.2	EPRI	4119	33.07	-80.12	5	2781	567.5
821	1960	4	15	10	10	10	35.8	-84	0	3.6	3.5	3.8	3.7	0.3	EPRI	4124	35.8	-84	5	MAIN	213.8
822	1960	4	21	10	45	0	36	-89.5	0	3.5	3.4	3.3	3.2	0.3	EPRI	4125	36	-89.5	5	2790	354.5
823	1960	5	4	16	31	32	34.2	-92	0	3.44	3.1	3.47	3.11	0.56	EPRI	4129	34.2	-92	4	MAIN	560.2
824	1960	7	24	3	37	30	32.9	-80	0	4.04	3.7	4.06	3.7	0.56	EPRI	121485	32.9	-80	5	2781	584.8
825	1960	9	4	18	40	0	37.4	-79.3	0	3.64	3.3	3.47	3.11	0.56	EPRI	4133	37.4	-79.3	4	MAIN	668.6
826	1961	9	9	22	42	55	35.96	-90.19	5	3.84	3.8	3.76	3.71	0.2	EPRI	4160	35.96	-90.19	4	MAIN	411.1
827	1962	2	2	6	43	30	36.37	-89.51	4	4.34	4.3	4.26	4.21	0.2	EPRI	4195	36.37	-89.51	6	MAIN	373.3
828	1962	2	16	0	0	0	37	-88.7	0	3.34	3	3.17	2.81	0.56	EPRI	4196	37	-88.7	3.5	MAIN	357.1
829	1962	5	24	0	0	0	36.5	-89.5	0	3.04	3	2.96	2.91	0.2	EPRI	4210	36.5	-89.5	0	*	379.7
830	1962	6	1	11	23	38	35.38	-90.39	1	3.24	3.2	3.16	3.11	0.2	EPRI	4212	35.38	-90.39	0	*	413.2
831	1962	6	27	1	28	59	37.9	-88.64	0	5.44	5.4	5.36	5.31	0.2	EPRI	4219	37.9	-88.64	6	MAIN	430.6
832	1962	7	14	2	23	44	36.56	-89.82	1	3.24	3.2	3.16	3.11	0.2	EPRI	4221	36.56	-89.82	2.5	*	407.8
833	1962	7	23	6	5	15	36.04	-89.4	8	3.64	3.6	3.56	3.51	0.2	EPRI	4223	36.04	-89.4	6	MAIN	348
834	1962	9	4	23	40	0	39.5	-77.7	0	3.64	3.3	3.47	3.11	0.56	EPRI	4234	39.5	-77.7	4	MAIN	906
835	1962	9	7	14	0	0	39.7	-78.2	0	3.64	3.3	3.47	3.11	0.56	EPRI	4235	39.7	-78.2	4	MAIN	883.4
836	1963	1	17	14	26	50	37.3	-80.1	0	3.64	3.3	3.47	3.11	0.56	EPRI	121495	37.3	-80.1	4	2876	599.7
837	1963	2	7	21	18	36	34.4	-92.1	0	3.44	3.4	3.36	3.31	0.2	EPRI	4248	34.4	-92.1	0	MAIN	566.9
838	1963	3	3	17	30	10	36.64	-90.05	15	4.84	4.8	4.76	4.71	0.2	EPRI	4254	36.64	-90.05	6	MAIN	430.1
839	1963	4	6	8	12	22	36.46	-89.58	6	3.14	3.1	3.06	3.01	0.2	EPRI	4261	36.46	-89.58	0	*	383.6
840	1963	5	2	1	9	21	36.67	-89.54	10	3.14	3.1	3.06	3.01	0.2	EPRI	4266	36.67	-89.54	0	*	392.7
841	1963	5	4	21	1	50	32.97	-80.19	5	3.34	3.3	3.26	3.21	0.2	EPRI	4269	32.97	-80.19	4	*	565.4
842	1963	7	8	23	51	42	36.97	-90.47	0	3.14	3.1	3.06	3.01	0.2	EPRI	4282	36.97	-90.47	0	*	480.9
843	1963	8	3	0	37	49	36.98	-88.77	7	4.44	4.4	3.76	3.71	0.2	EPRI	4286	36.98	-88.77	5	MAIN	360
844	1963	10	8	6	1	43	33.9	-82.5	0	3.19	3.2	0	0	0.1	Added	0	0	0	0		328.2
845	1963	10	10	14	59	52	39.655	-78.197	0	3.59	3.6	0	0	0.1	Added	0	0	0	0		880.6
846	1963	10	28	22	38	0	36.7	-81	0	3.8	3.7	2.9	2.8	0.3	EPRI	4311	36.7	-81	5	*	498.3

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
847	1963	12	5	6	51	0	37.15	-86.97	1	3.24	3.2	3.16	3.11	0.2	EPRI	4325	37.15	-86.97	2.5	*	287.7
848	1964	1	16	5	9	58	36.84	-89.46	0	3.29	3.3	3.29	3.28	0.1	EPRI	4333	36.84	-89.46	2.5	*	397.4
849	1964	1	25	19	54	10	36.5	-89.5	0	2.99	3	2.99	2.98	0.1	EPRI	4339	36.5	-89.5	0	*	379.7
850	1964	2	13	19	46	40	40.38	-77.96	1	3.29	3.3	3.29	3.28	0.1	EPRI	4350	40.38	-77.96	6	*	946.3
851	1964	2	18	9	31	0	34.67	-85.39	0	4.39	4.4	4.19	4.18	0.1	EPRI	4353	34.67	-85.39	5	MAIN	49.8
852	1964	3	7	18	2	58	33.72	-82.39	5	3.29	3.3	3.29	3.28	0.1	EPRI	4354	33.72	-82.39	0	*	344.1
853	1964	3	13	1	20	17	33.19	-83.31	1	3.89	3.9	4.39	4.38	0.1	EPRI	4355	33.19	-83.31	5	MAIN	295.1
854	1964	3	17	2	16	6	36.2	-89.6	0	3.49	3.5	3.49	3.48	0.1	EPRI	4358	36.2	-89.6	4	MAIN	371.8
855	1964	4	20	19	4	44	33.84	-81.1	3	3.69	3.7	3.49	3.48	0.1	EPRI	4379	33.84	-81.1	5	MAIN	455
856	1964	5	23	11	25	34	36.58	-90.02	3	3.89	3.9	3.39	3.38	0.1	EPRI	4406	36.58	-90.02	4.5	MAIN	424.6
857	1964	7	28	0	0	0	36	-83.9	0	3.37	3	2.3	1.91	0.58	EPRI	4425	36	-83.9	2	*	234.1
858	1964	9	24	8	9	34	37.1	-91.1	0	2.99	3	2.99	2.98	0.1	EPRI	4443	37.1	-91.1	0	*	536.9
859	1964	10	13	16	30	0	36	-83.9	0	3.56	3.2	2.58	2.21	0.57	EPRI	4450	36	-83.9	2.5	*	234.1
860	1965	2	11	3	40	24	36.52	-89.59	3	3.29	3.3	3.29	3.28	0.1	EPRI	4469	36.52	-89.59	3	*	387.7
861	1965	3	6	21	8	50	37.4	-91.03	7	3.99	4	3.99	3.98	0.1	EPRI	4478	37.4	-91.03	3	MAIN	548.2
862	1965	3	25	12	59	27	36.46	-89.52	3	3.69	3.7	3.69	3.68	0.1	EPRI	4483	36.46	-89.52	3	MAIN	379
863	1965	5	25	7	15	43	36.1	-89.9	0	3.29	3.3	3.29	3.28	0.1	EPRI	4490	36.1	-89.9	0	*	392
864	1965	6	1	7	24	57	36.5	-89.5	0	2.99	3	2.99	2.98	0.1	EPRI	4491	36.5	-89.5	0	*	379.7
865	1965	7	8	7	3	50	36.5	-89.5	0	3.29	3.3	3.29	3.28	0.1	EPRI	4492	36.5	-89.5	0	*	379.7
866	1965	8	14	13	13	56	37.23	-89.31	1	3.79	3.8	3.79	3.78	0.1	EPRI	4504	37.23	-89.31	7	MAIN	414.2
867	1965	9	9	14	42	20	34.7	-81.2	0	3.38	3.2	4.01	3.82	0.41	EPRI	4515	34.7	-81.2	0	MAIN	433.3
868	1965	10	8	2	17	27	40.08	-79.75	0	3.48	3.3	3.53	3.34	0.41	EPRI	4534	40.08	-79.75	0	MAIN	810.8
869	1965	10	21	2	4	39	37.48	-90.94	5	4.89	4.9	4.89	4.88	0.1	EPRI	4537	37.48	-90.94	6	MAIN	546.2
870	1965	11	4	7	43	37	37.03	-90.92	4	3.39	3.4	3.39	3.38	0.1	EPRI	4545	37.03	-90.92	0	3021	519.1
871	1965	11	8	12	58	1	33.2	-83.2	0	3.29	3.3	0	0	0.1	Added	0	0	0	0		302.9
872	1965	12	19	22	19	12	36.03	-89.76	1	3.79	3.8	3.79	3.78	0.1	EPRI	4571	36.03	-89.76	0	MAIN	377.4
873	1966	2	12	4	32	12	35.95	-89.87	1	3.59	3.6	3.59	3.58	0.1	EPRI	4587	35.95	-89.87	4	3079	383.5
874	1966	2	13	6	29	43	33.6	-87	0	3.49	3.5	0	0	0.1	Added*	0	0	0	0		157.4
875	1966	2	13	23	19	37	37.04	-90.9	6	3.89	3.9	3.59	3.58	0.1	EPRI	4589	37.04	-90.9	4	3021	518.1
876	1966	3	13	14	24	42	36.2	-90	0	2.99	3	2.99	2.98	0.1	EPRI	4594	36.2	-90	0	*	404.6
877	1966	5	31	6	18	59	37.66	-78.13	2	4.29	4.3	3.69	3.68	0.1	EPRI	4603	37.66	-78.13	5	MAIN	775.3
878	1966	6	22	11	27	53	38.6	-88.2	0	3.09	3.1	3.09	3.08	0.1	EPRI	4606	38.6	-88.2	0	*	478.4
879	1966	8	24	6	0	0	35.8	-84	0	3.34	3	3.47	3.11	0.56	EPRI	4643	35.8	-84	4	MAIN	213.8
880	1966	9	28	0	0	0	39.3	-80.3	0	3.44	3.1	3.47	3.11	0.56	EPRI	4654	39.3	-80.3	4	MAIN	715.9
881	1966	12	6	8	0	47	38.9	-92.8	0	2.99	3	2.99	2.98	0.1	EPRI	4672	38.9	-92.8	0	*	770.3
882	1967	2	12	0	0	0	36	-90	0	3.09	3.1	3.09	3.08	0.1	EPRI	4682	36	-90	0	*	396.4
883	1967	4	8	5	40	30	39.65	-82.53	1	3.8	3.7	3.5	3.4	0.3	EPRI	4691	39.65	-82.53	5	MAIN	627.6
884	1967	4	11	23	44	45	36.1	-89.7	0	2.99	3	2.99	2.98	0.1	EPRI	4697	36.1	-89.7	0	*	375.4
885	1967	6	4	16	14	12	33.55	-90.84	6	4.29	4.3	4.29	4.28	0.1	EPRI	4706	33.55	-90.84	6	MAIN	470.3
886	1967	7	6	16	43	51	35.8	-90.4	0	3.39	3.4	3.39	3.38	0.1	EPRI	4724	35.8	-90.4	0	MAIN	424
887	1967	7	21	9	14	48	37.44	-90.44	15	4.59	4.6	4.59	4.58	0.1	EPRI	4731	37.44	-90.44	6	MAIN	507.1
888	1967	8	25	19	15	18	37.1	-91.1	0	3.09	3.1	3.09	3.08	0.1	EPRI	4744	37.1	-91.1	0	*	536.9
889	1967	10	18	5	8	36	36.5	-89.5	0	2.99	3	2.99	2.98	0.1	EPRI	4751	36.5	-89.5	0	*	379.7
890	1967	10	23	9	4	2	32.8	-80.22	19	3.39	3.4	3.79	3.78	0.1	EPRI	4753	32.8	-80.22	5	MAIN	570
891	1968	1	23	16	16	0	36.2	-89.8	0	3.29	3.3	3.29	3.28	0.1	EPRI	4781	36.2	-89.8	0	*	388.1
892	1968	2	10	1	34	30	36.52	-89.86	7	3.79	3.8	3.79	3.78	0.1	EPRI	4785	36.52	-89.86	3	MAIN	408.8
893	1968	3	8	5	38	15	37.28	-80.77	8	3.39	3.4	4.09	4.08	0.1	EPRI	4787	37.28	-80.77	4	MAIN	546.4

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
894	1968	3	31	17	58	9	38.02	-89.85	1	4.49	4.5	2.99	2.98	0.1	EPRI	4791	38.02	-89.85	5	*	509.3
895	1968	5	30	1	59	33	36.5	-89.5	0	3.49	3.5	3.49	3.48	0.1	EPRI	4799	36.5	-89.5	0	MAIN	379.7
896	1968	7	14	4	21	25	36.5	-89.5	0	3.09	3.1	0	0	0.1	Added*	0	0	0	0		379.7
897	1968	7	15	4	21	25	35.7	-90.8	0	2.99	3	2.99	2.98	0.1	EPRI	4807	35.7	-90.8	0	*	456.5
898	1968	7	26	15	2	53	40.4	-84.2	0	2.99	3	0	0	0.1	Added	0	0	0	0		651.9
899	1968	9	22	21	41	18	34.11	-81.48	1	3.09	3.1	3.69	3.68	0.1	EPRI	4811	34.11	-81.48	4	MAIN	414.4
900	1968	11	9	17	1	40	37.91	-88.37	21	5.49	5.5	5.49	5.48	0.1	EPRI	4842	37.91	-88.37	7	MAIN	418.3
901	1968	11	25	20	0	0	34.1	-77.9	0	3.64	3.3	3.47	3.11	0.56	EPRI	4857	34.1	-77.9	4	MAIN	742.1
902	1968	12	11	16	0	0	38.3	-85.8	0	3.1	3	3	2.9	0.3	EPRI	4861	38.3	-85.8	5	*	400.2
903	1969	1	1	23	35	38	34.99	-92.69	7	4.39	4.4	4.39	4.38	0.1	EPRI	4864	34.99	-92.69	6	MAIN	618.7
904	1969	1	20	19	25	0	37.8	-90.4	0	3.39	3.4	3.39	3.38	0.1	EPRI	4866	37.8	-90.4	3	MAIN	528.7
905	1969	5	18	0	0	0	33.95	-82.58	0	3.68	3.5	3.69	3.5	0.41	EPRI	4886	33.95	-82.58	0	MAIN	319.5
906	1969	5	22	14	59	51	39.61	-78.245	0	3.09	3.1	0	0	0.1	Added	0	0	0	0		874.3
907	1969	7	13	21	51	9	36.12	-83.69	1	4.09	4.1	4.29	4.28	0.1	EPRI	4894	36.12	-83.69	5	MAIN	257.3
908	1969	7	27	0	0	0	36.5	-89.5	0	3.09	3.1	0	0	0.1	Added	0	0	0	0		379.7
909	1969	11	20	1	0	9	37.45	-80.93	5	4.59	4.6	4.69	4.68	0.1	EPRI	4918	37.45	-80.93	6	MAIN	544.1
910	1969	12	11	23	44	37	37.84	-77.67	1	3.59	3.6	3.39	3.38	0.1	EPRI	4922	37.84	-77.67	5	MAIN	820.6
911	1969	12	13	10	19	29	35.04	-82.85	6	3.69	3.7	3.69	3.68	0.1	EPRI	4925	35.04	-82.85	5	MAIN	284
912	1970	1	7	17	45	0	35.2	-89.9	0	3.44	3.1	3.47	3.11	0.56	EPRI	4927	35.2	-89.9	4	MAIN	366.1
913	1970	2	6	4	53	2	37.9	-90.6	0	3.39	3.4	3.39	3.38	0.1	EPRI	4936	37.9	-90.6	2	MAIN	549.4
914	1970	3	27	3	44	29	36.6	-89.54	5	3.29	3.3	3.29	3.28	0.1	EPRI	4941	36.6	-89.54	3	*	388.5
915	1970	5	27	17	59	41	39.619	-78.275	0	3.19	3.2	0	0	0.1	Added	0	0	0	0		872.8
916	1970	7	30	15	15	16	36.99	-82.206	12	3.69	3.7	0	0	0.1	Added	0	0	0	0		421.6
917	1970	7	31	0	31	0	37.7	-83.4	0	3.49	3.5	0	0	0.1	Added	0	0	0	0		403.5
918	1970	8	11	6	14	25	38.23	-82.05	10	3.54	3.2	3.47	3.11	0.56	EPRI	4967	38.23	-82.05	4	MAIN	524.2
919	1970	9	10	1	41	5	36.02	-81.42	1	3.09	3.1	4.19	4.18	0.1	EPRI	4972	36.02	-81.42	5	MAIN	435.1
920	1970	11	5	10	25	35	36	-90	0	2.99	3	2.99	2.98	0.1	EPRI	4979	36	-90	0	*	396.4
921	1970	11	17	2	13	54	35.86	-89.95	16	4.39	4.4	4.39	4.38	0.1	EPRI	4982	35.86	-89.95	6	MAIN	387
922	1970	11	30	4	46	53	36.3	-89.5	0	2.99	3	2.99	2.98	0.1	EPRI	4985	36.3	-89.5	3.5	*	368.8
923	1970	12	8	23	16	0	36	-89	0	2.99	3	2.99	2.98	0.1	EPRI	4986	36	-89	0	*	313.5
924	1970	12	24	10	17	56	36.71	-89.55	15	3.39	3.4	3.39	3.38	0.1	EPRI	4990	36.71	-89.55	4	MAIN	395.8
925	1971	2	12	12	44	27	38.5	-87.85	15	3.09	3.1	3.09	3.08	0.1	EPRI	4998	38.5	-87.85	4	*	455.7
926	1971	2	19	23	11	42	37.1	-83.2	0	2.99	3	2.99	2.98	0.1	EPRI	5002	37.1	-83.2	0	*	363
927	1971	3	14	17	27	54	33.18	-87.84	12	3.59	3.6	3.89	3.88	0.1	EPRI	5007	33.18	-87.84	3	MAIN	244.5
928	1971	3	16	2	37	28	32.8	-88.3	0	3.69	3.7	3.69	3.68	0.1	EPRI	5009	32.8	-88.3	0	3376	304.8
929	1971	4	1	5	5	11	37.4	-81.6	0	2.99	3	2.99	2.98	0.1	EPRI	5016	37.4	-81.6	0	*	492
930	1971	4	13	14	0	51	35.8	-90.1	0	2.99	3	2.99	2.98	0.1	EPRI	5017	35.8	-90.1	0	*	398
931	1971	5	19	12	54	3	33.36	-80.66	1	3.69	3.7	4.09	4.08	0.1	EPRI	5022	33.36	-80.66	4	MAIN	509.2
932	1971	7	13	3	3	0	36	-84.3	0	3.39	3.4	0	0	0.1	Added	0	0	0	0		206.7
933	1971	7	13	11	42	26	34.8	-83	0	3.59	3.6	3.79	3.78	0.1	EPRI	5058	34.8	-83	5	MAIN	268.4
934	1971	7	31	20	16	55	33.34	-80.63	4	3.79	3.8	4.29	4.28	0.1	EPRI	5064	33.34	-80.63	3	3389	512.6
935	1971	9	12	0	6	27	38.15	-77.59	5	3.59	3.6	3.39	3.38	0.1	EPRI	5073	38.15	-77.59	5	MAIN	841
936	1971	10	1	18	49	38	35.77	-90.49	9	4.09	4.1	4.09	4.08	0.1	EPRI	5081	35.77	-90.49	5.5	MAIN	431
937	1971	10	9	16	43	32	35.8	-83.37	8	3.69	3.7	3.39	3.38	0.1	EPRI	5084	35.8	-83.37	5	MAIN	262.9
938	1971	10	18	6	39	31	36.7	-89.6	0	2.99	3	2.99	2.98	0.1	EPRI	5086	36.7	-89.6	0	*	399
939	1971	10	22	21	55	0	36	-83	0	3.29	3.3	0	0	0.1	Added	0	0	0	0		302.8
940	1972	1	9	23	24	29	37.4	-81.6	0	3.69	3.7	2.99	2.98	0.1	EPRI	5107	37.4	-81.6	0	*	492

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
941	1972	2	1	5	42	9	36.37	-90.85	3	3.69	3.7	3.69	3.68	0.1	EPRI	5110	36.37	-90.85	0	MAIN	482.5
942	1972	2	3	23	11	9	33.31	-80.58	2	4.49	4.5	4.49	4.48	0.1	EPRI	5112	33.31	-80.58	5	3389	518.1
943	1972	2	11	0	16	0	39.7	-75.6	0	3.64	3.3	4.06	3.7	0.56	EPRI	120625	39.7	-75.6	5	MAIN	1073.7
944	1972	3	29	20	38	31	36.12	-89.74	7	3.69	3.7	3.69	3.68	0.1	EPRI	5116	36.12	-89.74	5	MAIN	379.6
945	1972	5	7	2	12	8	35.93	-89.97	1	3.39	3.4	3.39	3.38	0.1	EPRI	5120	35.93	-89.97	0	MAIN	391.2
946	1972	5	20	19	39	6	37	-82.2	0	3.89	3.9	2.99	2.98	0.1	EPRI	5121	37	-82.2	0	*	422.7
947	1972	6	9	19	15	18	37.62	-90.37	12	3.09	3.1	3.09	3.08	0.1	EPRI	5125	37.62	-90.37	3.5	*	514.1
948	1972	6	19	16	15	18	37	-89.08	13	4.6	4.5	3.2	3.1	0.3	EPRI	120635	37	-89.08	4	*	381.9
949	1972	8	14	15	5	19	33.2	-81.4	0	3.12	3	3.27	3.14	0.33	EPRI	120655	33.2	-81.4	3	MAIN	451
950	1972	9	5	16	0	0	37.6	-77.7	0	3.39	3.4	3.39	3.38	0.1	EPRI	5141	37.6	-77.7	4	MAIN	808.2
951	1973	1	7	22	56	6	37.4	-87.22	14	3.19	3.2	3.19	3.18	0.1	EPRI	5175	37.4	-87.22	0	*	321.5
952	1973	1	8	9	11	37	33.8	-90.6	0	3.49	3.5	3.49	3.48	0.1	EPRI	5176	33.8	-90.6	3	MAIN	441.2
953	1973	1	12	11	56	56	37.89	-90.48	17	3.19	3.2	3.19	3.18	0.1	EPRI	5179	37.89	-90.48	4	*	540.5
954	1973	4	9	23	11	0	37.3	-77.7	0	3.74	3.4	3.47	3.11	0.56	EPRI	5191	37.3	-77.7	4	MAIN	796.8
955	1973	5	25	14	40	14	33.9	-90.8	0	3.39	3.4	3.39	3.38	0.1	EPRI	5192	33.9	-90.8	3	3479	456.6
956	1973	10	3	3	50	19	35.87	-90.05	6	3.39	3.4	3.39	3.38	0.1	EPRI	5225	35.87	-90.05	4	MAIN	396
957	1973	10	9	20	15	26	36.49	-89.62	3	3.79	3.8	3.79	3.78	0.1	EPRI	5228	36.49	-89.62	4	MAIN	388.4
958	1973	11	30	7	48	40	35.89	-83.99	12	4.59	4.6	4.59	4.58	0.1	EPRI	5243	35.89	-83.99	6	MAIN	220.3
959	1973	12	19	10	16	8	32.97	-80.27	6	2.99	3	2.99	2.98	0.1	EPRI	5246	32.97	-80.27	3	*	558.4
960	1973	12	20	10	45	0	36.14	-89.69	10	3.09	3.1	3.09	3.08	0.1	EPRI	5247	36.14	-89.69	4	*	376.4
961	1974	1	8	1	12	38	36.18	-89.47	7	3.89	3.9	3.89	3.88	0.1	EPRI	5254	36.18	-89.47	5	MAIN	360.3
962	1974	3	4	14	24	28	35.69	-90.41	5	2.99	3	2.99	2.98	0.1	EPRI	5273	35.69	-90.41	0	*	421.8
963	1974	3	12	12	30	29	35.64	-89.8	5	3.19	3.2	0	0	0.1	Added	0	0	0	0		367
964	1974	4	3	23	5	2	38.55	-88.07	15	4.69	4.7	4.69	4.68	0.1	EPRI	5284	38.55	-88.07	6	MAIN	468.5
965	1974	5	13	6	52	18	36.74	-89.36	4	3.79	3.8	3.79	3.78	0.1	EPRI	5293	36.74	-89.36	6	MAIN	383.7
966	1974	5	30	21	28	35	37.46	-80.54	5	3.59	3.6	3.59	3.58	0.1	EPRI	5295	37.46	-80.54	5	MAIN	574.1
967	1974	6	5	0	16	40	38.48	-84.75	10	3.19	3.2	3.59	3.58	0.1	EPRI	5296	38.48	-84.75	6	MAIN	433.2
968	1974	6	5	8	6	10	38.65	-89.91	12	3.19	3.2	3.19	3.18	0.1	EPRI	5299	38.65	-89.91	5	*	564.7
969	1974	8	2	8	52	11	33.91	-82.53	4	4.09	4.1	4.29	4.28	0.1	EPRI	5346	33.91	-82.53	6	MAIN	325.2
970	1974	8	11	14	29	45	36.93	-91.16	6	3.19	3.2	3.19	3.18	0.1	EPRI	5361	36.93	-91.16	5	*	533
971	1974	10	8	23	22	28	33.9	-82.4	0	3.2	3.1	3.1	3	0.3	EPRI	120695	33.9	-82.4	3	*	337
972	1974	10	20	15	13	55	39.06	-81.61	4	3.9	3.8	3.8	3.7	0.3	EPRI	5422	39.06	-81.61	5	MAIN	619
973	1974	10	28	11	33	0	33.79	-81.92	0	2.99	3	2.99	2.98	0.1	EPRI	5427	33.79	-81.92	4	*	383.1
974	1974	11	5	3	0	0	33.73	-82.22	0	3.69	3.7	3.69	3.68	0.1	EPRI	5432	33.73	-82.22	3	MAIN	358.6
975	1974	11	22	5	25	56	32.92	-80.16	6	4.29	4.3	4.29	4.28	0.1	EPRI	5451	32.92	-80.16	6	MAIN	570.1
976	1974	12	3	8	25	0	33.95	-82.5	0	3.59	3.6	3.59	3.58	0.1	EPRI	5465	33.95	-82.5	3	3596	326.6
977	1974	12	10	6	1	35	31.23	-87.46	18	3.19	3.2	2.99	2.98	0.1	EPRI	5473	31.23	-87.46	4	*	412.1
978	1974	12	13	5	3	55	34.49	-91.86	3	3.09	3.1	3.09	3.08	0.1	EPRI	5476	34.49	-91.86	5	*	544
979	1975	1	2	9	19	0	34.9	-90.9	0	2.99	3	2.99	2.98	0.1	EPRI	5507	34.9	-90.9	2.5	*	454.7
980	1975	2	13	19	43	58	36.55	-89.59	3	3.39	3.4	3.39	3.38	0.1	EPRI	5542	36.55	-89.59	5	MAIN	389.4
981	1975	2	16	23	21	34	38.88	-82.35	4	2.99	3	2.99	2.98	0.1	EPRI	5546	38.88	-82.35	4	*	563.8
982	1975	3	1	11	50	0	33.55	-87.98	18	3.49	3.5	3.19	3.18	0.1	EPRI	5557	33.55	-87.98	2	*	228.2
983	1975	3	7	12	45	13	37.32	-80.48	5	3.1	3	3	2.9	0.3	EPRI	120705	37.32	-80.48	2	*	571
984	1975	4	28	5	46	52	33	-80.22	10	3.12	3	3.48	3.35	0.33	EPRI	5594	33	-80.22	4	3694	561.6
985	1975	6	13	22	40	27	36.54	-89.68	9	3.89	3.9	3.89	3.88	0.1	EPRI	5634	36.54	-89.68	5	3773	395.8
986	1975	6	20	7	29	6	36.21	-89.44	7	3.49	3.5	0	0	0.1	Added	0	0	0	0		359.4
987	1975	6	24	11	11	36	33.7	-87.84	4	3.69	3.7	3.79	3.78	0.1	EPRI	5648	33.7	-87.84	4	MAIN	208.1

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
988	1975	8	25	7	11	8	36.05	-89.84	11	2.99	3	2.99	2.98	0.1	EPRI	5699	36.05	-89.84	0	*	384.9
989	1975	8	29	4	22	52	33.66	-86.59	4	4.39	4.4	3.49	3.48	0.1	EPRI	5704	33.66	-86.59	6	MAIN	131.1
990	1975	10	18	4	31	0	34.9	-83	0	3.64	3.3	3.47	3.11	0.56	EPRI	5761	34.9	-83	4	MAIN	268.9
991	1975	11	7	23	39	31	33.31	-87.33	4	3.49	3.5	3.49	3.48	0.1	EPRI	5786	33.31	-87.33	0	MAIN	201.8
992	1975	11	11	8	10	37	37.22	-80.89	1	3.19	3.2	3.19	3.18	0.1	EPRI	5791	37.22	-80.89	4	*	533.8
993	1975	11	25	15	17	34	34.93	-82.9	10	3.19	3.2	3.19	3.18	0.1	EPRI	5802	34.93	-82.9	4	*	278.3
994	1976	1	16	19	42	56	35.9	-92.16	7	3.39	3.4	3.39	3.38	0.1	EPRI	5870	35.9	-92.16	5	MAIN	581.6
995	1976	1	19	6	20	39	36.87	-83.86	1	3.79	3.8	3.79	3.78	0.1	EPRI	5875	36.87	-83.86	6	MAIN	305.1
996	1976	2	4	19	53	53	34.97	-84.7	14	3.59	3.6	3.59	3.58	0.1	EPRI	5895	34.97	-84.7	6	MAIN	116.4
997	1976	3	25	0	41	20	35.58	-90.48	17	4.89	4.9	4.89	4.88	0.1	EPRI	5933	35.58	-90.48	6	MAIN	425.3
998	1976	4	8	7	38	53	39.3	-86.7	0	2.99	3	2.99	2.98	0.1	EPRI	5961	39.3	-86.7	5	*	515.8
999	1976	4	15	7	3	34	37.38	-87.31	4	3.29	3.3	3.29	3.28	0.1	EPRI	5970	37.38	-87.31	5	*	322.4
1000	1976	5	6	18	46	8	39.6	-79.9	0	3.44	3.1	3.47	3.11	0.56	EPRI	120715	39.6	-79.9	4	MAIN	764
1001	1976	5	22	7	40	46	36.03	-89.83	9	3.19	3.2	3.19	3.18	0.1	EPRI	6010	36.03	-89.83	5	*	383.3
1002	1976	6	19	5	54	13	37.34	-81.6	1	3.29	3.3	4.69	4.68	0.1	EPRI	6034	37.34	-81.6	5	MAIN	488.1
1003	1976	9	13	18	54	38	36.62	-80.77	9	4.29	4.3	3.29	3.28	0.1	EPRI	6097	36.62	-80.77	6	*	513.5
1004	1976	9	25	14	6	55	35.58	-90.47	8	3.49	3.5	3.49	3.48	0.1	EPRI	6104	35.58	-90.47	5	4101	424.4
1005	1976	10	23	0	40	59	32	-88.98	10	3.09	3.1	3.09	3.08	0.1	EPRI	6128	32	-88.98	0	*	413.4
1006	1976	12	11	7	5	1	38.1	-91.04	0	4.19	4.2	4.19	4.18	0.1	EPRI	6189	38.1	-91.04	0	MAIN	593.5
1007	1976	12	13	8	35	55	37.81	-90.26	9	3.49	3.5	3.49	3.48	0.1	EPRI	6193	37.81	-90.26	5	MAIN	519.9
1008	1976	12	27	6	57	15	32.06	-82.5	14	3.69	3.7	3.69	3.68	0.1	EPRI	6204	32.06	-82.5	5	MAIN	434.2
1009	1977	1	3	22	56	48	37.58	-89.71	5	3.59	3.6	3.59	3.58	0.1	EPRI	6213	37.58	-89.71	6	MAIN	466.5
1010	1977	1	18	18	29	14	33.06	-80.17	1	2.99	3	2.99	2.98	0.1	EPRI	6233	33.06	-80.17	6	*	563.5
1011	1977	2	27	20	5	34	37.9	-78.63	0	3.39	3.4	2.39	2.38	0.1	EPRI	6266	37.9	-78.63	5	*	746.1
1012	1977	5	4	2	0	24	31.96	-88.44	0	3.29	3.3	3.59	3.58	0.1	EPRI	6308	31.96	-88.44	5	MAIN	384.3
1013	1977	6	17	15	39	46	40.71	-84.71	1	3.19	3.2	3.19	3.18	0.1	EPRI	6361	40.71	-84.71	6	*	676.8
1014	1977	7	27	22	3	20	35.42	-84.41	5	3.49	3.5	3.49	3.48	0.1	EPRI	6404	35.42	-84.41	5	MAIN	159.9
1015	1977	8	4	4	20	7	33.37	-80.7	9	3.09	3.1	3.09	3.08	0.1	EPRI	6409	33.37	-80.7	0	*	505.3
1016	1977	11	4	11	21	10	33.928	-89.173	16	3.39	3.4	0	0	0.1	Added	0	0	0	0	310.2	
1017	1977	11	26	4	18	18	34.39	-92.91	10	3.09	3.1	3.09	3.08	0.1	EPRI	6552	34.39	-92.91	4	*	641.4
1018	1977	12	15	19	16	43	32.88	-80.18	9	2.99	3	2.99	2.98	0.1	EPRI	6592	32.88	-80.18	5	*	570
1019	1978	1	8	11	34	23	32.7	-88.21	1	3.09	3.1	3.09	3.08	0.1	EPRI	6681	32.7	-88.21	0	*	307
1020	1978	1	28	16	40	58	38.244	-88.01	5	2.99	3	0	0	0.1	Added	0	0	0	0	435.5	
1021	1978	4	3	12	24	21	36.63	-90	9	3.09	3.1	3.09	3.08	0.1	EPRI	7130	36.63	-90	0	*	425.7
1022	1978	4	26	19	30	23	39.7	-78.24	15	3.09	3.1	0	0	0.1	Added	0	0	0	0	880.7	
1023	1978	6	2	2	7	28	38.41	-88.46	20	3.19	3.2	3.19	3.18	0.1	EPRI	7299	38.41	-88.46	5	*	470.1
1024	1978	6	9	23	15	19	32.042	-88.595	2	3.29	3.3	0	0	0.1	Added	0	0	0	0	386.1	
1025	1978	8	31	0	31	0	36.09	-89.44	1	3.49	3.5	3.49	3.48	0.1	EPRI	7526	36.09	-89.44	5	MAIN	353.6
1026	1978	9	20	12	24	8	38.58	-90.28	1	2.99	3	2.99	2.98	0.1	EPRI	7577	38.58	-90.28	0	*	580.3
1027	1978	9	23	7	34	3	33.96	-91.92	33	3.09	3.1	3.09	3.08	0.1	EPRI	7585	33.96	-91.92	5	*	557
1028	1978	12	5	1	48	2	38.56	-88.37	23	3.49	3.5	3.49	3.48	0.1	EPRI	7759	38.56	-88.37	5	MAIN	481
1029	1978	12	11	2	6	50	31.91	-88.47	3	3.49	3.5	3.49	3.48	0.1	EPRI	7775	31.91	-88.47	5	MAIN	390.4
1030	1979	2	5	5	31	9	35.84	-90.1	10	3.19	3.2	3.19	3.18	0.1	EPRI	7903	35.84	-90.1	4	*	399.3
1031	1979	2	27	22	54	54	35.96	-91.2	10	3.39	3.4	3.39	3.38	0.1	EPRI	7951	35.96	-91.2	5	MAIN	498.5
1032	1979	6	11	4	12	17	36.15	-89.64	15	3.79	3.8	3.79	3.78	0.1	EPRI	8173	36.15	-89.64	4	MAIN	372.7
1033	1979	6	25	17	11	13	35.56	-90.45	7	2.99	3	2.99	2.98	0.1	EPRI	8204	35.56	-90.45	0	*	422.2
1034	1979	7	8	12	35	15	36.91	-89.31	2	3.09	3.1	3.09	3.08	0.1	EPRI	8246	36.91	-89.31	4	*	391.3

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
1035	1979	8	13	5	18	56	35.21	-84.36	10	3.69	3.7	3.69	3.68	0.1	EPRI	8344	35.21	-84.36	5	MAIN	154.1
1036	1979	8	26	1	31	45	34.916	-82.956	1	3.69	3.7	0	0	0.1	Added	0	0	0	0		273.1
1037	1979	8	26	11	28	0	36.3	-91.5	0	3.79	3.8	0	0	0.1	Added	0	0	0	0		535.1
1038	1979	9	6	20	38	16	35.3	-83.24	10	3.38	3.2	3.44	3.25	0.41	EPRI	8421	35.3	-83.24	0	MAIN	254.3
1039	1979	9	12	6	24	4	35.58	-83.91	12	3.19	3.2	3.19	3.18	0.1	EPRI	8427	35.58	-83.91	5	*	208.3
1040	1979	10	8	8	53	52	36.44	-82.08	5	3.59	3.6	0	0	0.1	Added	0	0	0	0		398.8
1041	1979	11	5	16	35	25	36.46	-91.04	6	3.19	3.2	3.19	3.18	0.1	EPRI	8542	36.46	-91.04	4	*	502.1
1042	1979	11	9	21	29	59	38.49	-82.81	1	3.59	3.6	3.59	3.58	0.1	EPRI	8557	38.49	-82.81	5	MAIN	505.3
1043	1980	3	13	2	23	13	37.89	-88.44	20	2.99	3	2.99	2.98	0.1	EPRI	8782	37.89	-88.44	0	*	419.8
1044	1980	3	23	21	38	16	37.6	-86.76	9	3.29	3.3	3.29	3.28	0.1	EPRI	8805	37.6	-86.76	4	*	330.6
1045	1980	4	24	6	16	57	34.329	-81.324	3	2.99	3	0	0	0.1	Added	0	0	0	0		424.9
1046	1980	6	10	23	47	32	35.46	-82.81	1	2.99	3	2.99	2.98	0.1	EPRI	8966	35.46	-82.81	0	*	296.6
1047	1980	6	25	18	2	1	35.73	-84.03	1	3.29	3.3	3.29	3.28	0.1	EPRI	8988	35.73	-84.03	4	*	207.2
1048	1980	7	5	8	54	40	36.56	-89.6	4	3.49	3.5	3.49	3.48	0.1	EPRI	9021	36.56	-89.6	4	MAIN	390.8
1049	1980	7	25	15	30	12	33.94	-87.44	0	3.09	3.1	0	0	0.1	Added	0	0	0	0		162.6
1050	1980	7	27	18	52	21	38.19	-83.89	16	5.19	5.2	5.09	5.08	0.1	EPRI	9069	38.19	-83.89	7	MAIN	428.8
1051	1980	8	23	3	49	3	37.98	-84.87	1	3.09	3.1	3.09	3.08	0.1	EPRI	9147	37.98	-84.87	3	*	376.7
1052	1980	11	5	21	48	14	38.18	-79.9	4	2.99	3	2.99	2.98	0.1	EPRI	9334	38.18	-79.9	1	*	664.7
1053	1980	12	2	8	59	29	36.17	-89.43	5	3.79	3.8	3.79	3.78	0.1	EPRI	9410	36.17	-89.43	6	MAIN	356.6
1054	1981	2	11	13	44	16	37.72	-78.44	6	3.39	3.4	3.39	3.38	0.1	EPRI	9528	37.72	-78.44	4	MAIN	752.8
1055	1981	4	8	1	53	13	38.87	-89.38	1	3.49	3.5	0	0	0.1	Added	0	0	0	0		556.1
1056	1981	4	9	7	10	31	35.51	-82.05	0	3.29	3.3	2.99	2.98	0.1	EPRI	9641	35.51	-82.05	5	*	364.8
1057	1981	5	5	21	21	56	35.33	-82.42	10	3.49	3.5	3.49	3.48	0.1	EPRI	9694	35.33	-82.42	5	MAIN	327.7
1058	1981	5	25	22	50	18	36.76	-91.63	1	2.99	3	0	0	0.1	Added	0	0	0	0		563.6
1059	1981	6	3	20	54	22	36.18	-81.67	1	2.99	3	0	0	0.1	Added	0	0	0	0		420.1
1060	1981	6	9	14	15	47	37.82	-89.03	19	3.39	3.4	3.39	3.38	0.1	EPRI	9757	37.82	-89.03	5	MAIN	444.3
1061	1981	6	26	8	33	27	35.85	-90.07	9	3.49	3.5	3.49	3.48	0.1	EPRI	9805	35.85	-90.07	5	MAIN	397
1062	1981	8	7	11	53	44	36.03	-89.18	11	3.99	4	3.99	3.98	0.1	EPRI	9923	36.03	-89.18	6	MAIN	329.6
1063	1981	9	4	17	21	44	34.63	-85.17	3	3.1	3	3.07	2.97	0.3	EPRI	10015	34.63	-85.17	0	*	70.3
1064	1981	11	8	17	11	19	36.09	-89.39	12	2.99	3	2.99	2.98	0.1	EPRI	10128	36.09	-89.39	4	*	349.5
1065	1982	1	2	2	0	26	35.18	-86.43	13	3.18	3.1	3.32	3.24	0.27	EPRI	10219	35.18	-86.43	4	MAIN	69.6
1066	1982	1	21	0	33	54	35.18	-92.25	3	4.19	4.2	4.19	4.18	0.1	EPRI	10317	35.18	-92.25	5	MAIN	579.3
1067	1982	1	28	4	52	51	32.98	-81.39	7	3.39	3.4	0	0	0.1	Added	0	0	0	0		461.9
1068	1982	2	2	9	26	46	35.92	-90.06	10	3.09	3.1	3.09	3.08	0.1	EPRI	10366	35.92	-90.06	4	*	398.6
1069	1982	4	13	13	4	13	36.51	-82.04	3	3.1	3	3.07	2.97	0.3	EPRI	10572	36.51	-82.04	0	*	405.6
1070	1982	4	21	21	17	55	35.18	-92.24	0	3.49	3.5	3.49	3.48	0.1	EPRI	10587	35.18	-92.24	0	7658	578.4
1071	1982	5	12	18	29	33	40.41	-77.96	0	2.99	3	0	0	0.1	Added	0	0	0	0		948.5
1072	1982	5	31	18	21	19	35.2	-92.23	2	3.49	3.5	3.49	3.48	0.1	EPRI	10663	35.2	-92.23	0	MAIN	577.6
1073	1982	7	5	4	13	52	35.22	-92.21	6	3.49	3.5	3.49	3.48	0.1	EPRI	10752	35.22	-92.21	0	7658	576
1074	1982	7	16	14	16	2	34.32	-81.55	2	3.09	3.1	0	0	0.1	Added	0	0	0	0		404.4
1075	1982	8	9	11	12	31	35.19	-92.24	4	3.19	3.2	0	0	0.1	Added	0	0	0	0		578.5
1076	1982	8	11	10	32	38	37.25	-88.73	5	3.09	3.1	3.09	3.08	0.1	EPRI	10840	37.25	-88.73	4	*	379.1
1077	1982	9	5	10	11	9	35.19	-84.51	13	3.3	3.2	3.25	3.15	0.3	EPRI	10902	35.19	-84.51	0	MAIN	140.6
1078	1982	9	24	22	19	16	35.68	-84.25	8	3.39	3.4	3.39	3.38	0.1	EPRI	10949	35.68	-84.25	5	MAIN	187.6
1079	1982	9	25	23	17	5	35.21	-92.23	5	3.49	3.5	0	0	0.1	Added	0	0	0	0		577.7
1080	1982	10	31	3	12	12	32.64	-84.89	0	3.09	3.1	3.09	3.08	0.1	EPRI	11062	32.64	-84.89	0	*	249.3
1081	1982	11	21	16	35	31	35.25	-92.08	0	3.49	3.5	3.49	3.48	0.1	EPRI	11102	35.25	-92.08	0	7658	564.4

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S	
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)	
1082	1982	12	11	0	25	0	32.85	-83.53	0	3.1	3	3.07	2.97	0.3	EPRI	11152	32.85	-83.53	0	*		303.4
1083	1983	1	19	2	30	42	35.28	-92.16	0	3.89	3.9	3.89	3.88	0.1	EPRI	11248	35.28	-92.16	0		7658	571.9
1084	1983	1	26	14	7	44	32.85	-83.56	0	3.49	3.5	3.49	3.48	0.1	EPRI	11266	32.85	-83.56	0	MAIN		301.3
1085	1983	1	27	22	9	35	36.06	-83.63	13	3.2	3.1	3.17	3.07	0.3	EPRI	11267	36.06	-83.63	0	*		257.7
1086	1983	2	5	13	8	19	34.73	-88.31	0	3.19	3.2	3.19	3.18	0.1	EPRI	11289	34.73	-88.31	0	*		217.5
1087	1983	2	23	8	51	27	36.19	-89.6	1	3.59	3.6	3.59	3.58	0.1	EPRI	120802	36.19	-89.6	0	MAIN		371.4
1088	1983	3	25	2	47	11	35.33	-82.46	12	3.29	3.3	3.19	3.18	0.1	EPRI	11387	35.33	-82.46	5	*		324.2
1089	1983	3	30	4	15	26	35.2	-92.15	0	3.19	3.2	3.19	3.18	0.1	EPRI	11392	35.2	-92.15	0	*		570.3
1090	1983	5	15	5	16	22	38.77	-89.57	0	4.29	4.3	4.29	4.28	0.1	EPRI	11451	38.77	-89.57	4	MAIN		556.7
1091	1983	5	16	14	3	4	38.48	-92.36	0	2.99	3	2.99	2.98	0.1	EPRI	11454	38.48	-92.36	0	*		712.1
1092	1983	7	8	9	41	40	37.1	-90.94	0	2.99	3	2.99	2.98	0.1	EPRI	11543	37.1	-90.94	0	*		524.4
1093	1983	7	8	19	29	5	35.55	-84.15	10	3.5	3.4	3.44	3.34	0.3	EPRI	120835	35.55	-84.15	0	MAIN		187.6
1094	1983	8	17	14	3	15	38.47	-82.77	10	3.62	3.5	3.95	3.82	0.33	EPRI	11608	38.47	-82.77	5	MAIN		505.4
1095	1983	8	28	22	45	7	36.68	-83.82	18	3.09	3.1	3.09	3.08	0.1	EPRI	11627	36.68	-83.82	4	*		291.2
1096	1983	11	6	9	2	19	32.94	-80.16	10	3.38	3.3	3.59	3.51	0.27	EPRI	120885	32.94	-80.16	5	MAIN		569.2
1097	1983	12	9	20	52	10	33.183	-92.704	5	2.99	3	0	0	0.1	Added	0	0	0	0			648.5
1098	1984	1	12	2	48	15	37.59	-89.75	2	2.99	3	0	0	0.1	Added	0	0	0	0			469.9
1099	1984	1	28	21	29	22	36.61	-89.92	1	3.19	3.2	0	0	0.1	Added	0	0	0	0			418.3
1100	1984	2	14	22	56	10	37.21	-89	0	3.59	3.6	3.59	3.58	0.1	EPRI	12044	37.21	-89	4	MAIN		392.5
1101	1984	2	14	20	54	30	36.13	-83.74	10	3.59	3.6	3.59	3.58	0.1	EPRI	120965	36.13	-83.74	5	MAIN		254.4
1102	1984	3	17	23	26	11	35.83	-84.05	7	3.08	3	3.25	3.17	0.27	EPRI	120985	35.83	-84.05	4	*		212
1103	1984	4	17	4	44	44	38.38	-88.44	0	3.39	3.4	3.39	3.38	0.1	EPRI	12046	38.38	-88.44	4	MAIN		466.4
1104	1984	4	23	1	36	0	39.95	-76.37	0	4.15	4.1	4.45	4.39	0.22	EPRI	120994	39.95	-76.37	5.5	MAIN		1029.8
1105	1984	6	26	15	15	19	36.1	-89.39	12	3.19	3.2	3.19	3.18	0.1	EPRI	12047	36.1	-89.39	0	*		350
1106	1984	6	29	7	58	29	37.7	-88.47	2	3.79	3.8	3.79	3.78	0.1	EPRI	12048	37.7	-88.47	6	MAIN		403.7
1107	1984	7	16	3	50	53	36.5	-89.53	7	2.99	3	2.99	2.98	0.1	EPRI	12049	36.5	-89.53	0	*		382
1108	1984	7	28	23	39	27	39.22	-87.07	10	3.99	4	3.99	3.98	0.1	EPRI	12050	39.22	-87.07	5	MAIN		512.5
1109	1984	7	30	7	33	46	37.82	-90.92	7	2.99	3	2.99	2.98	0.1	EPRI	12051	37.82	-90.92	3	*		566.3
1110	1984	8	9	2	42	35	34.62	-86.3	8	3.3	3.2	3.25	3.15	0.3	EPRI	121005	34.62	-86.3	0	MAIN		34.9
1111	1984	8	17	18	5	46	37.868	-78.324	8	4.19	4.2	0	0	0.1	Added	0	0	0	0			769
1112	1984	8	29	6	50	59	39.11	-87.45	10	3.09	3.1	3.09	3.08	0.1	EPRI	12052	39.11	-87.45	5	*		508.4
1113	1984	8	30	16	26	28	35.57	-84.34	13	3.2	3.1	3.17	3.07	0.3	EPRI	121015	35.57	-84.34	0	*		174
1114	1984	9	27	13	16	22	35.72	-91.7	5	2.99	3	2.99	2.98	0.1	EPRI	12054	35.72	-91.7	0	*		536.8
1115	1984	9	27	13	3	6	35.25	-92.21	5	3.39	3.4	3.39	3.38	0.1	EPRI	12053	35.25	-92.21	4	MAIN		576.2
1116	1984	10	9	11	54	26	34.75	-85.2	12	4.19	4.2	4.19	4.18	0.1	EPRI	121035	34.75	-85.2	6	MAIN		67.2
1117	1984	10	22	18	58	41	36.36	-81.68	11	3.3	3.2	3.25	3.15	0.3	EPRI	121045	36.36	-81.68	0	MAIN		427.1
1118	1984	12	3	11	55	44	36.16	-89.7	11	2.99	3	2.99	2.98	0.1	EPRI	12059	36.16	-89.7	4	*		378.1
1119	1985	1	30	9	35	12	35.93	-89.91	9	2.99	3	0	0	0.1	Added	0	0	0	0			386.1
1120	1985	2	7	23	44	35	36.29	-89.51	7	3.09	3.1	3.09	3.08	0.1	EPRI	12060	36.29	-89.51	0	*		369.1
1121	1985	2	13	10	22	24	38.42	-87.5	3	2.99	3	0	0	0.1	Added	0	0	0	0			436.5
1122	1985	2	15	15	56	9	37.23	-89.34	6	3.29	3.3	3.29	3.28	0.1	EPRI	12061	37.23	-89.34	3	*		416.1
1123	1985	5	4	7	7	12	36.27	-90.77	9	3.09	3.1	0	0	0.1	Post	0	0	0	0			471.9
1124	1985	6	10	12	22	38	37.248	-80.485	11	3.19	3.2	0	0	0.1	Post	0	0	0	0			566.8
1125	1985	7	12	18	20	28	35.198	-85.156	3	2.99	3	0	0	0.1	Post	0	0	0	0			89.6
1126	1985	8	3	4	23	11	35.219	-92.202	5	3.29	3.3	0	0	0.1	Post	0	0	0	0			575.2
1127	1985	11	8	19	56	48	35.223	-92.188	4	3.29	3.3	0	0	0.1	Post	0	0	0	0			574
1128	1985	12	5	22	59	41	35.88	-89.99	5	3.79	3.8	0	0	0.1	Post	0	0	0	0			391.2

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
1129	1985	12	22	0	56	5	35.701	-83.72	13	3.29	3.3	0	0	0.1	Post	0	0	0	0		229.8
1130	1985	12	29	8	56	56	38.552	-88.965	5	3.49	3.5	0	0	0.1	Post	0	0	0	0		506.6
1131	1986	1	7	1	26	43	35.609	-84.762	22	3.19	3.2	0	0	0.1	Post	0	0	0	0		146.5
1132	1986	4	19	7	40	53	35.187	-85.51	27	2.99	3	0	0	0.1	Post	0	0	0	0		66.1
1133	1986	5	24	8	16	1	35.178	-92.217	5	2.99	3	0	0	0.1	Post	0	0	0	0		576.3
1134	1986	5	24	12	48	13	36.58	-89.88	10	3.39	3.4	0	0	0.1	Post	0	0	0	0		413.6
1135	1986	7	11	14	26	14	34.937	-84.987	13	3.79	3.8	0	0	0.1	Post	0	0	0	0		90.2
1136	1986	7	12	8	19	37	40.537	-84.371	10	4.49	4.5	0	0	0.1	Post	0	0	0	0		663.4
1137	1986	8	26	16	41	24	38.32	-89.79	5	3.69	3.7	0	0	0.1	Post	0	0	0	0		530
1138	1986	12	30	7	15	19	36.42	-89.58	14	3.49	3.5	0	0	0.1	Post	0	0	0	0		381.4
1139	1987	1	16	3	25	35	35.893	-89.978	5	2.99	3	0	0	0.1	Post	0	0	0	0		390.6
1140	1987	3	16	13	9	27	34.56	-80.94	0	3.09	3.1	0	0	0.1	Post	0	0	0	0		457.8
1141	1987	3	27	7	29	30	35.567	-84.229	19	4.19	4.2	0	0	0.1	Post	0	0	0	0		182.3
1142	1987	6	10	23	48	54	38.713	-87.954	10	5.19	5.2	0	0	0.1	Post	0	0	0	0		481.1
1143	1987	6	13	21	17	12	36.605	-89.686	5	4.09	4.1	0	0	0.1	Post	0	0	0	0		399.9
1144	1987	7	11	0	4	29	36.103	-83.817	25	3.39	3.4	0	0	0.1	Post	0	0	0	0		247.1
1145	1987	8	31	17	12	35	38.308	-89.688	5	3.09	3.1	0	0	0.1	Post	0	0	0	0		523.1
1146	1987	9	22	17	23	50	35.623	-84.311	19	3.29	3.3	0	0	0.1	Post	0	0	0	0		179.5
1147	1987	9	29	0	4	57	36.84	-89.21	5	4.49	4.5	0	0	0.1	Post	0	0	0	0		379.5
1148	1987	10	14	15	49	39	37.049	-88.793	5	3.79	3.8	0	0	0.1	Post	0	0	0	0		366.8
1149	1987	11	27	18	58	29	36.848	-83.099	14	3.49	3.5	0	0	0.1	Post	0	0	0	0		349.8
1150	1988	1	9	1	7	40	35.275	-84.201	12	3.29	3.3	0	0	0.1	Post	0	0	0	0		170.2
1151	1988	1	23	1	57	16	32.935	-80.157	7	3.29	3.3	0	0	0.1	Post	0	0	0	0		569.7
1152	1988	1	31	0	12	43	35.681	-90.465	10	3.49	3.5	0	0	0.1	Post	0	0	0	0		426.4
1153	1988	2	16	15	26	54	36.561	-82.304	5	3.19	3.2	0	0	0.1	Post	0	0	0	0		387.9
1154	1988	2	18	0	37	45	35.366	-83.853	5	3.49	3.5	0	0	0.1	Post	0	0	0	0		203.3
1155	1988	5	20	23	6	22	37.288	-92.77	5	3.29	3.3	0	0	0.1	Post	0	0	0	0		680.1
1156	1988	9	7	2	28	9	38.143	-83.878	10	4.59	4.6	0	0	0.1	Post	0	0	0	0		424.5
1157	1988	10	5	0	38	52	38.69	-87.931	5	3.49	3.5	0	0	0.1	Post	0	0	0	0		477.9
1158	1988	12	25	15	57	57	34.189	-92.702	13	3.29	3.3	0	0	0.1	Post	0	0	0	0		624.7
1159	1988	12	31	14	24	20	36.185	-89.428	5	3.49	3.5	0	0	0.1	Post	0	0	0	0		357.2
1160	1989	4	15	16	39	51	36.557	-89.711	5	2.99	3	0	0	0.1	Post	0	0	0	0		399.2
1161	1989	4	27	16	47	49	36.006	-89.768	10	4.39	4.4	0	0	0.1	Post	0	0	0	0		377.1
1162	1989	5	14	0	16	9	36.74	-89.71	2	3.69	3.7	0	0	0.1	Post	0	0	0	0		409.7
1163	1989	7	15	0	8	2	38.607	-83.569	10	3.09	3.1	0	0	0.1	Post	0	0	0	0		482.8
1164	1989	8	20	0	3	17	34.736	-87.645	10	3.89	3.9	0	0	0.1	Post	0	0	0	0		156.6
1165	1989	9	14	17	31	28	36.545	-89.62	11	3.39	3.4	0	0	0.1	Post	0	0	0	0		391.5
1166	1989	12	25	8	29	26	35.245	-90.744	5	3.19	3.2	0	0	0.1	Post	0	0	0	0		443.1
1167	1990	1	24	18	20	24	38.133	-86.434	5	3.89	3.9	0	0	0.1	Post	0	0	0	0		384.1
1168	1990	3	2	7	1	47	38.868	-89.219	10	3.59	3.6	0	0	0.1	Post	0	0	0	0		548.1
1169	1990	3	18	16	22	33	36.72	-91.49	5	2.99	3	0	0	0.1	Post	0	0	0	0		550.3
1170	1990	4	17	10	27	34	40.46	-84.852	5	2.99	3	0	0	0.1	Post	0	0	0	0		647.5
1171	1990	4	24	9	41	24	39.556	-88.23	10	2.99	3	0	0	0.1	Post	0	0	0	0		577
1172	1990	6	23	20	44	2	33.72	-87.946	0	3.09	3.1	0	0	0.1	Post	0	0	0	0		215.3
1173	1990	8	7	5	5	56	36.85	-89.24	6	2.99	3	0	0	0.1	Post	0	0	0	0		382.3
1174	1990	8	17	21	1	17	36.794	-83.34	10	3.79	3.8	0	0	0.1	Post	0	0	0	0		330
1175	1990	8	29	19	34	59	35.83	-89.66	13	3.49	3.5	0	0	0.1	Post	0	0	0	0		361.1

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
1176	1990	9	8	0	3	57	38.061	-83.731	5	3.29	3.3	0	0	0.1	Post	0	0	0	0		422.4
1177	1990	9	26	13	18	51	37.165	-89.577	12	4.89	4.9	0	0	0.1	Post	0	0	0	0		427.6
1178	1990	10	24	8	20	4	38.31	-88.99	5	3.29	3.3	0	0	0.1	Post	0	0	0	0		485.5
1179	1990	11	9	3	39	15	36.54	-89.62	8	3.49	3.5	0	0	0.1	Post	0	0	0	0		391.2
1180	1990	11	13	15	22	13	32.947	-80.136	3	3.19	3.2	0	0	0.1	Post	0	0	0	0		571
1181	1990	12	17	5	24	59	40.068	-87.044	10	3.19	3.2	0	0	0.1	Post	0	0	0	0		604.8
1182	1990	12	20	14	4	17	39.57	-86.671	10	3.59	3.6	0	0	0.1	Post	0	0	0	0		545.3
1183	1991	1	23	9	25	23	37.946	-88.86	5	2.99	3	0	0	0.1	Post	0	0	0	0		446.1
1184	1991	2	11	0	0	6	35.98	-89.95	14	2.99	3	0	0	0.1	Post	0	0	0	0		391.4
1185	1991	3	15	6	54	8	37.746	-77.916	17	3.79	3.8	0	0	0.1	Post	0	0	0	0		796.5
1186	1991	4	22	1	1	20	37.941	-80.207	14	3.49	3.5	0	0	0.1	Post	0	0	0	0		627.5
1187	1991	5	4	1	18	54	36.564	-89.823	5	4.69	4.7	0	0	0.1	Post	0	0	0	0		408.3
1188	1991	6	28	18	34	51	38.276	-81.668	5	3.19	3.2	0	0	0.1	Post	0	0	0	0		551.1
1189	1991	7	2	3	49	1	37.49	-91.71	5	3.29	3.3	0	0	0.1	Post	0	0	0	0		605.3
1190	1991	7	7	21	24	2	36.658	-91.643	5	3.89	3.9	0	0	0.1	Post	0	0	0	0		560.5
1191	1991	7	8	23	49	7	36.14	-89.44	12	2.99	3	0	0	0.1	Post	0	0	0	0		356
1192	1991	8	15	7	16	7	40.786	-77.657	1	2.99	3	0	0	0.1	Post	0	0	0	0		995.2
1193	1991	9	24	7	21	6	35.711	-84.095	5	3.09	3.1	0	0	0.1	Post	0	0	0	0		201.2
1194	1991	10	3	11	46	4	36.841	-89.432	5	3.09	3.1	0	0	0.1	Post	0	0	0	0		395.4
1195	1991	10	30	14	54	13	34.904	-84.713	0	3.09	3.1	0	0	0.1	Post	0	0	0	0		113.7
1196	1991	11	11	9	20	47	38.713	-87.894	10	3.79	3.8	0	0	0.1	Post	0	0	0	0		479.1
1197	1991	11	13	9	43	15	35.72	-90.27	9	2.99	3	0	0	0.1	Post	0	0	0	0		410.4
1198	1992	1	3	4	21	22	33.946	-82.465	5	3.19	3.2	0	0	0.1	Post	0	0	0	0		329.8
1199	1992	4	3	3	6	3	35.828	-89.479	12	3.29	3.3	0	0	0.1	Post	0	0	0	0		345.7
1200	1992	4	30	0	1	30	36.92	-90.41	5	3.09	3.1	0	0	0.1	Post	0	0	0	0		473.5
1201	1992	8	21	16	31	55	33.05	-80.116	10	4.19	4.2	0	0	0.1	Post	0	0	0	0		568.7
1202	1992	8	26	5	41	38	37.63	-89.68	5	3.29	3.3	0	0	0.1	Post	0	0	0	0		468.4
1203	1992	9	11	16	34	12	33.171	-87.501	0	2.99	3	0	0	0.1	Post	0	0	0	0		223.8
1204	1992	11	10	17	16	47	35.644	-84.132	0	2.99	3	0	0	0.1	Post	0	0	0	0		194.3
1205	1992	12	27	10	12	58	37.5	-89.63	5	3.19	3.2	0	0	0.1	Post	0	0	0	0		455.3
1206	1993	1	1	5	8	5	35.877	-82.09	3	2.99	3	0	0	0.1	Post	0	0	0	0		372.8
1207	1993	1	8	13	1	18	35.83	-90.03	21	3.49	3.5	0	0	0.1	Post	0	0	0	0		392.9
1208	1993	1	15	2	2	51	35.075	-84.974	1	3.09	3.1	0	0	0.1	Post	0	0	0	0		96.7
1209	1993	1	21	19	46	19	36.222	-89.617	13	2.99	3	0	0	0.1	Post	0	0	0	0		374.3
1210	1993	1	29	13	56	23	39.038	-89.04	5	3.19	3.2	0	0	0.1	Post	0	0	0	0		555.9
1211	1993	2	6	2	9	45	36.66	-89.73	7	3.49	3.5	0	0	0.1	Post	0	0	0	0		406.5
1212	1993	3	2	0	29	11	36.67	-89.49	8	3.09	3.1	0	0	0.1	Post	0	0	0	0		388.9
1213	1993	3	16	7	38	10	35.67	-90.55	10	3.19	3.2	0	0	0.1	Post	0	0	0	0		433.7
1214	1993	3	31	20	23	21	36.79	-89.42	5	3.29	3.3	0	0	0.1	Post	0	0	0	0		391.3
1215	1993	4	28	22	40	1	36.19	-89.44	7	3.59	3.6	0	0	0.1	Post	0	0	0	0		358.4
1216	1993	7	16	10	54	32	31.747	-88.341	5	3.69	3.7	0	0	0.1	Post	0	0	0	0		398.3
1217	1993	8	5	7	21	37	36	-89.88	11	2.99	3	0	0	0.1	Post	0	0	0	0		386.3
1218	1993	8	8	9	24	31	33.633	-81.595	5	3.19	3.2	0	0	0.1	Post	0	0	0	0		417.1
1219	1993	8	27	0	8	34	38.09	-90.36	16	3.29	3.3	0	0	0.1	Post	0	0	0	0		547.1
1220	1994	1	16	1	49	16.21	40.33	-76.037	5	4.59	4.6	0	0	0.1	Post	0	0	0	0		1076.5
1221	1994	2	5	14	55	37	37.37	-89.18	16	4.19	4.2	0	0	0.1	Post	0	0	0	0		416.4
1222	1994	4	5	22	21	59	34.961	-85.493	5	3.19	3.2	0	0	0.1	Post	0	0	0	0		49.3

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
1223	1994	4	6	17	38	55	38.123	-89.27	10	3.09	3.1	0	0	0.1	Post	0	0	0	0		483.8
1224	1994	5	4	9	12	2	34.198	-87.174	5	2.99	3	0	0	0.1	Post	0	0	0	0		127.1
1225	1994	6	10	23	34	2	33.013	-92.671	5	3.19	3.2	0	0	0.1	Post	0	0	0	0		651.4
1226	1994	8	6	19	54	12	35.101	-76.786	0	3.79	3.8	0	0	0.1	Post	0	0	0	0		838
1227	1994	8	20	10	45	44	36.136	-91.058	5	3.49	3.5	0	0	0.1	Post	0	0	0	0		491.6
1228	1994	9	26	14	23	22	36.929	-88.935	5	3.59	3.6	0	0	0.1	Post	0	0	0	0		367
1229	1995	2	19	12	57	6	39.12	-83.47	10	3.59	3.6	0	0	0.1	Post	0	0	0	0		538
1230	1995	3	18	22	6	21	35.425	-84.922	17	3.29	3.3	0	0	0.1	Post	0	0	0	0		122.1
1231	1995	4	17	13	45	57	32.947	-80.068	10	3.89	3.9	0	0	0.1	Post	0	0	0	0		577
1232	1995	5	27	19	51	10	36.17	-89.43	6	3.49	3.5	0	0	0.1	Post	0	0	0	0		356.6
1233	1995	6	26	0	36	17	36.747	-81.452	5	3.49	3.5	0	0	0.1	Post	0	0	0	0		464.4
1234	1995	7	5	14	16	44	35.366	-84.212	10	3.69	3.7	0	0	0.1	Post	0	0	0	0		173.2
1235	1995	7	7	21	1	2	36.515	-81.873	11	2.99	3	0	0	0.1	Post	0	0	0	0		419.1
1236	1995	7	20	2	10	34	36.528	-89.632	5	2.99	3	0	0	0.1	Post	0	0	0	0		391.4
1237	1995	8	17	23	18	50	36.102	-89.409	5	3.09	3.1	0	0	0.1	Post	0	0	0	0		351.6
1238	1996	3	25	14	15	50	32.131	-88.671	5	3.29	3.3	0	0	0.1	Post	0	0	0	0		383.1
1239	1996	4	11	21	54	57	34.969	-91.162	5	3.29	3.3	0	0	0.1	Post	0	0	0	0		478.9
1240	1996	8	11	18	17	49	33.577	-90.874	10	3.39	3.4	0	0	0.1	Post	0	0	0	0		472.4
1241	1996	11	29	10	47	9	36.29	-89.37	5	3.59	3.6	0	0	0.1	Post	0	0	0	0		358
1242	1996	11	29	5	41	33	35.919	-89.927	20	4.19	4.2	0	0	0.1	Post	0	0	0	0		387.2
1243	1996	12	16	1	58	31	39.5	-87.4	5	3.09	3.1	0	0	0.1	Post	0	0	0	0		549.2
1244	1997	5	4	3	39	12	31	-87.4	5	3.09	3.1	0	0	0.1	Post	0	0	0	0		434.5
1245	1997	5	19	19	45	36	34.622	-85.353	0	3.09	3.1	0	0	0.1	Post	0	0	0	0		53.9
1246	1997	7	19	17	6	34	35.056	-84.808	10	3.49	3.5	0	0	0.1	Post	0	0	0	0		109.9
1247	1997	7	30	12	29	23	36.436	-83.509	5	3.79	3.8	0	0	0.1	Post	0	0	0	0		292
1248	1997	9	17	18	16	31	35.619	-90.457	5	3.79	3.8	0	0	0.1	Post	0	0	0	0		424.2
1249	1997	9	20	5	55	50	37.179	-90.924	5	3.09	3.1	0	0	0.1	Post	0	0	0	0		527.5
1250	1997	9	24	4	20	24	36.545	-89.817	5	3.19	3.2	0	0	0.1	Post	0	0	0	0		406.8
1251	1997	9	27	12	14	9	36.201	-89.484	5	2.99	3	0	0	0.1	Post	0	0	0	0		362.5
1252	1997	10	24	8	35	17	31.118	-87.339	10	4.89	4.9	0	0	0.1	Post	0	0	0	0		420.2
1253	1998	2	12	9	37	49	36.123	-89.712	10	2.99	3	0	0	0.1	Post	0	0	0	0		377.4
1254	1998	4	8	18	16	49	36.94	-89.02	13	3.19	3.2	0	0	0.1	Post	0	0	0	0		373.5
1255	1998	4	13	9	56	11	34.61	-80.466	5	3.79	3.8	0	0	0.1	Post	0	0	0	0		501
1256	1998	6	5	2	31	1	35.479	-80.821	5	3.19	3.2	0	0	0.1	Post	0	0	0	0		473.7
1257	1998	6	17	8	0	23	35.926	-84.405	10	3.59	3.6	0	0	0.1	Post	0	0	0	0		194.2
1258	1998	6	24	15	20	1	32.501	-87.954	5	3.39	3.4	0	0	0.1	Post	0	0	0	0		308.6
1259	1998	7	15	4	24	51	36.69	-89.52	13	3.09	3.1	0	0	0.1	Post	0	0	0	0		392.4
1260	1998	10	21	5	56	47	37.381	-78.367	13	3.49	3.5	0	0	0.1	Post	0	0	0	0		744.1
1261	1999	1	17	18	38	4	36.854	-83.691	5	2.99	3	0	0	0.1	Post	0	0	0	0		313.3
1262	1999	8	23	12	12	41	36.264	-89.503	9	3.09	3.1	0	0	0.1	Post	0	0	0	0		367.2
1263	1999	10	21	8	18	0	36.49	-91.02	19	3.79	3.8	0	0	0.1	Post	0	0	0	0		501.6
1264	2000	1	18	22	19	31	32.993	-83.214	5	3.49	3.5	0	0	0.1	Post	0	0	0	0		315.4
1265	2000	4	14	3	54	20	39.76	-86.75	5	3.59	3.6	0	0	0.1	Post	0	0	0	0		567.1
1266	2000	5	28	11	32	7	33.809	-87.82	5	2.99	3	0	0	0.1	Post	0	0	0	0		200.2
1267	2000	6	27	6	2	57	37.13	-88.87	4	2.99	3	0	0	0.1	Post	0	0	0	0		378
1268	2000	6	27	1	28	45	35.8	-92.75	0	3.79	3.8	0	0	0.1	Post	0	0	0	0		632.2
1269	2000	8	22	20	12	14	36.492	-91.106	8	3.89	3.9	0	0	0.1	Post	0	0	0	0		508.9

Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR

ID No	Date			Time			Lat	Long	Dep (km)	GG&S		EPRI-SOG		GG&S		EPRI-SOG					GG&S
	Year	Mon	Day	Hr	Min	Sec				mb*	mb	rmb	emb	Sig mb	Type	UNID	Lat	Long	IO	FLAG	R (km)
1270	2000	12	7	14	8	49	37.973	-87.66	5	3.89	3.9	0	0	0.1	Post	0	0	0	0		395.2
1271	2001	3	3	10	46	13	33.19	-92.66	5	2.99	3	0	0	0.1	Post	0	0	0	0		644.3
1272	2001	3	7	17	12	25	35.51	-84.81	6	3.19	3.2	0	0	0.1	Post	0	0	0	0		135.9
1273	2001	3	21	23	35	35	34.857	-85.439	3	3.19	3.2	0	0	0.1	Post	0	0	0	0		48.2
1274	2001	4	13	16	36	20	36.53	-83.34	0	2.99	3	0	0	0.1	Post	0	0	0	0		310.3
1275	2001	5	4	6	42	12	35.205	-92.194	10	4.49	4.5	0	0	0.1	Post	0	0	0	0		574.4
1276	2001	7	7	20	45	42	36.279	-89.396	14	2.99	3	0	0	0.1	Post	0	0	0	0		359.4
1277	2001	7	26	5	26	44	35.932	-83.575	5	3.19	3.2	0	0	0.1	Post	0	0	0	0		254
1278	2001	12	8	1	8	21	34.735	-86.245	5	3.89	3.9	0	0	0.1	Post	0	0	0	0		28.7
1279	2002	3	12	8	30	47	37.25	-89.96	9	3.09	3.1	0	0	0.1	Post	0	0	0	0		460.3
1280	2002	5	21	20	35	34	32.797	-88.102	5	3.09	3.1	0	0	0.1	Post	0	0	0	0		292.2
1281	2002	6	18	17	37	15	37.987	-87.78	5	4.29	4.3	0	0	0.1	Post	0	0	0	0		401
1282	2002	10	26	20	5	55	33.95	-90.72	5	3.09	3.1	0	0	0.1	Post	0	0	0	0		448.2
1283	2002	11	11	23	39	29	32.404	-79.936	2	4.39	4.4	0	0	0.1	Post	0	0	0	0		612.9
1284	2003	3	18	6	4	24	33.689	-82.888	5	3.49	3.5	0	0	0.1	Post	0	0	0	0		302.3
1285	2003	4	29	8	59	39	34.494	-85.629	19	4.39	4.4	0	0	0.1	Post	0	0	0	0		36.4
1286	2003	4	30	4	56	22	35.92	-89.92	23	3.99	4	0	0	0.1	Post	0	0	0	0		386.6
1287	2003	5	2	8	10	13	37.96	-88.65	0	3.19	3.2	0	0	0.1	Post	0	0	0	0		436.5
1288	2003	5	5	16	32	32	37.716	-78.079	5	3.89	3.9	0	0	0.1	Post	0	0	0	0		781.9
1289	2003	6	6	12	29	34	36.87	-88.98	2	3.89	3.9	0	0	0.1	Post	0	0	0	0		365.7
1290	2003	7	8	5	55	5	38.15	-91.5	2	3.09	3.1	0	0	0.1	Post	0	0	0	0		629.2
1291	2003	7	13	20	15	16	32.335	-82.144	5	3.59	3.6	0	0	0.1	Post	0	0	0	0		439.6
1292	2003	8	16	5	9	24	36.82	-91.52	3	3.49	3.5	0	0	0.1	Post	0	0	0	0		557.1
1293	2003	8	26	2	26	58	37.1	-88.68	1	3.09	3.1	0	0	0.1	Post	0	0	0	0		363.8
1294	2003	8	26	18	24	18	40.606	-75.106	3	3.79	3.8	0	0	0.1	Post	0	0	0	0		1160.6
1295	2003	9	30	2	28	3	31.115	-87.52	5	3.29	3.3	0	0	0.1	Post	0	0	0	0		426.1
1296	2003	12	9	20	59	19	37.774	-78.1	12	4.49	4.5	0	0	0.1	Post	0	0	0	0		782.7
1297	2003	12	29	9	2	8.6	38.139	-90.168	5	2.99	3	0	0	0.1	Post	0	0	0	0		538.5
1298	2004	5	9	8	56	10.4	33.231	-86.96	5	3.29	3.3	0	0	0.1	Post	0	0	0	0		189.4
1299	2004	6	15	8	34	21	36.73	-89.68	4	3.39	3.4	0	0	0.1	Post	0	0	0	0		406.8
1300	2004	7	16	3	25	17	36.86	-89.18	4	3.59	3.6	0	0	0.1	Post	0	0	0	0		378.8
1301	2004	7	20	9	13	14.4	32.972	-80.248	10	3.09	3.1	0	0	0.1	Post	0	0	0	0		560.3
1302	2004	8	19	23	51	49.4	33.203	-86.968	5	3.49	3.5	0	0	0.1	Post	0	0	0	0		192.5
1303	2004	9	12	13	5	19.1	39.594	-85.796	6	3.59	3.6	0	0	0.1	Post	0	0	0	0		544.2
1304	2004	9	17	15	21	43.6	36.932	-84.006	1	3.69	3.7	0	0	0.1	Post	0	0	0	0		302.7
1305	2004	11	7	11	20	21.4	32.649	-87.933	5	4.39	4.4	0	0	0.1	Post	0	0	0	0		294.4
1306	2004	12	23	6	54	21	35.43	-84.2	8	2.99	3	0	0	0.1	Post	0	0	0	0		177.3
1307	2005	2	10	14	4	54	35.76	-90.25	15	4.09	4.1	0	0	0.1	Post	0	0	0	0		409.8