APPENDIX 3.1C

Dispersion Modeling Information

AES Highgrove AFC
Table 3.1C-1 (Replaces Table 8.1C-1R, Data Response Set 1B)
Summary Table of Stack Parameters (ISCST3 Input)

97F							97F50L		97F75L		97FBL		97FBL + Evap	
	Source ID	Easting (X) (m)	Northing (Y) (m)	Base Elev. (m)	Stack Height[a] (m)	Stack Diam.[a] (m)	Temp. (K)	Exit Vel. (m/s)	Temp. (K)	Exit Vel. (m/s)	Temp. (K)	Exit Vel. (m/s)	Temp. (K)	Exit Vel. (m/s)
1	CTGSTK1	469380	3764693	286.21	27.43	4.11	688.32	20.732	679.04	25.756	697.37	29.584	690.59	30.66
2	CTGSTK2	469387	3764647	286.21	27.43	4.11	688.32	20.732	679.04	25.756	697.37	29.584	690.59	30.66
3	CTGSTK3	469394	3764600	286.21	27.43	4.11	688.32	20.732	679.04	25.756	697.37	29.584	690.59	30.66
4	CL1	469354	3764649	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA	NA	NA
5	CL2	469358	3764649	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA	NA	NA
6	CL3	469362	3764649	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA	NA	NA
7	CL4	469361	3764603	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA	NA	NA
8	CL5	469366	3764603	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA	NA	NA
9	CL6	469370	3764603	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA	NA	NA
10	CL7	469405	3764553	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA	NA	NA
11	CL8	469410	3764553	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA	NA	NA
12	CL9	469414	3764553	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA	NA	NA

80F							80F50L		80F75L		80FBL		80FBL + Evap	
	Source ID	Easting (X) (m)	Northing (Y) (m)	Base Elev. (m)	Stack Height[a] (m)	Stack Diam.[a] (m)	Temp.[a] (K)	Exit Vel.[a] (m/s)	Temp. (K)	Exit Vel. (m/s)	Temp. (K)	Exit Vel. (m/s)	Temp. (K)	Exit Vel. (m/s)
1	CTGSTK1	469380	3764693	286.21	27.43	4.11	689.26	24.12	679.26	29.97	693.71	35.23	690.93	35.66
2	CTGSTK2	469387	3764647	286.21	27.43	4.11	689.26	24.12	679.26	29.97	693.71	35.23	690.93	35.66
3	CTGSTK3	469394	3764600	286.21	27.43	4.11	689.26	24.12	679.26	29.97	693.71	35.23	690.93	35.66
4	CL1	469354	3764649	286.21	6.04	3.66	308.92	12.12	NA	NA	NA	NA	NA	NA
5	CL2	469358	3764649	286.21	6.04	3.66	308.92	12.12	NA	NA	NA	NA	NA	NA
6	CL3	469362	3764649	286.21	6.04	3.66	308.92	12.12	NA	NA	NA	NA	NA	NA
7	CL4	469361	3764603	286.21	6.04	3.66	308.92	12.12	NA	NA	NA	NA	NA	NA
8	CL5	469366	3764603	286.21	6.04	3.66	308.92	12.12	NA	NA	NA	NA	NA	NA
9	CL6	469370	3764603	286.21	6.04	3.66	308.92	12.12	NA	NA	NA	NA	NA	NA
10	CL7	469405	3764553	286.21	6.04	3.66	308.92	12.12	NA	NA	NA	NA	NA	NA
11	CL8	469410	3764553	286.21	6.04	3.66	308.92	12.12	NA	NA	NA	NA	NA	NA
12	CL9	469414	3764553	286.21	6.04	3.66	308.92	12.12	NA	NA	NA	NA	NA	NA

30F							30F50L		30F75L		30FBL	
	Source ID	Easting (X) (m)	Northing (Y) (m)	Base Elev. (m)	Stack Height[a] (m)	Stack Diam.[a] (m)	Temp. (K)	Exit Vel. (m/s)	Temp. (K)	Exit Vel. (m/s)	Temp. (K)	Exit Vel. (m/s)
1	CTGSTK1	469380	3764693	286.21	27.43	4.11	674.82	24.64	664.82	30.76	668.15	36.58
2	CTGSTK2	469387	3764647	286.21	27.43	4.11	674.82	24.64	664.82	30.76	668.15	36.58
3	CTGSTK3	469394	3764600	286.21	27.43	4.11	674.82	24.64	664.82	30.76	668.15	36.58
4	CL1	469354	3764649	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA
5	CL2	469358	3764649	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA
6	CL3	469362	3764649	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA
7	CL4	469361	3764603	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA
8	CL5	469366	3764603	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA
9	CL6	469370	3764603	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA
10	CL7	469405	3764553	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA
11	CL8	469410	3764553	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA
12	CL9	469414	3764553	286.21	6.04	3.66	NA	NA	NA	NA	NA	NA

Notes:
a. Cooling tower stack height, stack diameter, and temperature were lowered (as compared to Data Resonse Set 1B) due to the change in cooling tower design. Cooling tower exit velocity was discovered to be incorrect after the previous modeling and was corrected.

AES Highgrove AFC
Table 3.1C-2 (Replaces Table 8.1C-2aR, Data Response Set 1B)
Summary Table of Building Parameters (ISCST3 Input)

Building Name	Number of Tiers	Tier Number	Base Elevation	Tier Height	Number of Corners	Corner 1 East (X)	Corner 1 North (Y)	Corner 2 East (X)	Corner 2 North (Y)	Corner 3 East (X)	Corner 3 North (Y)	Corner 4 East (X)	Corner 4 North (Y)	Corner 5 East (X)	Corner 5 North (Y)	Corner 6 East (X)	Corner 6 North (Y)	Corner 7 East (X)	Corner 7 North (Y)	Corner 8 East (X)	Corner 8 North (Y)
			(ft)	(m)		(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
AIRIN1	1	1	939	11.97	8	469,354	3,764,673	469,358	3,764,673	469,358	3,764,672	469,369	3,764,672	469,369	3,764,666	469,358	3,764,666	469,358	3,764,664	469,354	3,764,664
AIRIN2	1	1	939	11.97	8	469,361	3,764,627	469,365	3,764,627	469,365	3,764,625	469,376	3,764,625	469,376	3,764,619	469,365	3,764,619	469,365	3,764,618	469,361	3,764,618
AIRIN3	1	1	939	11.97	8	469,368	3,764,580	469,372	3,764,580	469,372	3,764,578	469,383	3,764,578	469,383	3,764,572	469,372	3,764,572	469,372	3,764,571	469,368	3,764,571
CONWAR	1	1	939	7.32	4	469,451	3,764,653	469,469	3,764,653	469,469	3,764,610	469,451	3,764,610								
CAN1	1	1	939	11.58	5	469,375	3,764,677	469,384	3,764,677	469,385	3,764,690	469,380	3,764,693	469,375	3,764,690						
CAN2	1	1	939	11.58	5	469,382	3,764,631	469,391	3,764,631	469,392	3,764,644	469,387	3,764,647	469,382	3,764,643						
CAN3	1	1	939	11.58	5	469,389	3,764,584	469,399	3,764,584	469,399	3,764,597	469,394	3,764,600	469,389	3,764,597						
MISC1	1	1	939	4.00	4	469,403	3,764,665	469,410	3,764,665	469,410	3,764,656	469,403	3,764,656								
MISC2	1	1	939	4.00	4	469,410	3,764,619	469,417	3,764,619	469,417	3,764,609	469,410	3,764,609								
MISC3	1	1	939	4.00	4	469,411	3,764,573	469,419	3,764,573	469,419	3,764,563	469,411	3,764,563								
HeatEx1	1	1	939	4.88	4	469,366	3,764,653	469,366	3,764,656	469,378	3,764,656	469,378	3,764,653								
main1	1	1	939	4.52	4	469,369	3,764,666	469,369	3,764,671	469,377	3,764,671	469,377	3,764,666								
vent1	1	1	939	12.12	4	469,377	3,764,671	469,377	3,764,666	469,383	3,764,666	469,383	3,764,671								
gen1	1	1	939	8.76	4	469,384	3,764,671	469,391	3,764,671	469,391	3,764,667	469,384	3,764,667								
PWRCNTR1	1	1	939	5.79	4	469,410	3,764,648	469,410	3,764,652	469,425	3,764,652	469,425	3,764,648								
Main2	1	1	939	4.52	4	469,376	3,764,620	469,376	3,764,625	469,384	3,764,625	469,384	3,764,620								
Vent2	1	1	939	12.12	4	469,384	3,764,625	469,384	3,764,620	469,390	3,764,620	469,390	3,764,625								
Gen2	1	1	939	8.76	4	469,391	3,764,624	469,398	3,764,624	469,398	3,764,620	469,391	3,764,620								
HeatEx2	1	1	939	4.88	4	469,373	3,764,606	469,373	3,764,610	469,385	3,764,610	469,385	3,764,606								
PwrCntr2	1	1	939	5.79	4	469,405	3,764,628	469,405	3,764,633	469,433	3,764,633	469,433	3,764,628								
Main3	1	1	939	4.52	4	469,383	3,764,573	469,383	3,764,578	469,391	3,764,578	469,391	3,764,573								
Vent3	1	1	939	12.12	4	469,391	3,764,578	469,391	3,764,573	469,397	3,764,573	469,397	3,764,578								
Gen3	1	1	939	8.76	4	469,398	3,764,577	469,405	3,764,577	469,405	3,764,573	469,398	3,764,573								
HeatEx3	1	1	939	4.88	4	469,380	3,764,559	469,380	3,764,563	469,392	3,764,563	469,392	3,764,559								
PwrCntr3[a]	1	1	939	5.79	4	469,403	3,764,582	469,403	3,764,587	469,418	3,764,587	469,418	3,764,582								
BakerTanks	1	1	939	3.56	4	469,443	3,764,707	469,443	3,764,695	469,453	3,764,695	469,453	3,764,707								
WaterTre	1	1	939	6.10	4	469,452	3,764,668	469,452	3,764,656	469,470	3,764,657	469,470	3,764,669								
Cooling1[a]	1	1	939	5.58	4	469,352	3,764,653	469,365	3,764,653	469,365	3,764,646	469,352	3,764,646								
Cooling2[a]	1	1	939	5.58	4	469,359	3,764,606	469,372	3,764,606	469,372	3,764,600	469,359	3,764,600								
Cooling3[a]	1	1	939	5.58	4	469,403	3,764,557	469,416	3,764,557	469,416	3,764,550	469,403	3,764,550								

a. Dimensions and/or locations were changed to reflect the update to the general arrangement.

AES Highgrove AFC
Table 3.1C-3 (Replaces Table 8.1C-3R, Data Response Set 1B)
Screening Commissioning and Operational Modeling Parameters (Turbines only)

		NOx		CO		PM10		SO2		Velocity		Temperature	
	Scenario	(lb/hr)	(g/s)	(lb/hr)	(g/s)	(lb/hr)	(g/s)	(lb/hr)	(g/s)	(m/s)	(ft/s)	F	K
Annual	30F Base Load	7.99	1.01	*	*	3.96	0.50	0.41	0.05	31.36	102.89	743.2	668.3
	30F 75% Load	6.66	0.84	*	*	3.96	0.50	0.33	0.04	26.37	86.53	736.7	664.7
	30F 50% Load	5.36	0.68	*	*	3.96	0.50	0.25	0.03	21.13	69.32	755.1	674.9
	80F Base Load + Evap	7.79	0.98	*	*	3.96	0.50	0.39	0.05	30.57	100.30	784.3	691.1
	80F Base Load	7.69	0.97	*	*	3.96	0.50	0.39	0.05	30.20	99.09	788.5	693.4
	80F 75% Load	6.48	0.82	*	*	3.96	0.50	0.32	0.04	25.69	84.30	763.4	679.5
	80F 50% Load	5.23	0.66	*	*	3.96	0.50	0.24	0.03	20.68	67.84	780.6	689.0
	97F Base Load + Evap	7.81	0.98	*	*	3.96	0.50	0.40	0.05	30.65	100.56	783.4	690.6
	97F Base Load	7.54	0.95	*	*	3.96	0.50	0.38	0.05	29.58	97.06	795.6	697.4
	97F 75% Load	6.50	0.82	*	*	3.96	0.50	0.32	0.04	25.76	84.50	762.6	679.0
	97F 50% Load	5.25	0.66	*	*	3.96	0.50	0.25	0.03	20.73	68.02	779.3	688.3
24-hour	30F Base Load	*	*	*	*	6.21	0.78	0.64	0.08	31.36	102.89	743.2	668.3
	30F 75% Load	*	*	*	*	6.21	0.78	0.51	0.06	26.37	86.53	736.7	664.7
	30F 50% Load	*	*	*	*	6.21	0.78	0.39	0.05	21.13	69.32	755.1	674.9
	80F Base Load + Evap	*	*	*	*	6.21	0.78	0.62	0.08	30.57	100.30	784.3	691.1
	80F Base Load	*	*	*	*	6.21	0.78	0.61	0.08	30.20	99.09	788.5	693.4
	80F 75% Load	*	*	*	*	6.21	0.78	0.49	0.06	25.69	84.30	763.4	679.5
	80F 50% Load	*	*	*	*	6.21	0.78	0.37	0.05	20.68	67.84	780.6	689.0
	97F Base Load + Evap	*	*	*	*	6.21	0.78	0.62	0.08	30.65	100.56	783.4	690.6
	97F Base Load	*	*	*	*	6.21	0.78	0.59	0.07	29.58	97.06	795.6	697.4
	97F 75% Load	*	*	*	*	6.21	0.78	0.49	0.06	25.76	84.50	762.6	679.0
	97F 50% Load	*	*	*	*	6.21	0.78	0.37	0.05	20.73	68.02	779.3	688.3
	Pre- break-in Checkout	*	*	*	*	*	*	*	*	17.22	56.49	818.0	709.8
	Controlled Break-in	*	*	*	*	*	*	*	*	17.22	56.49	818.0	709.8
	Water Injection	*	*	*	*	*	*	*	*	20.68	67.84	781.0	689.3
	Complete AVR	*	*	*	*	*	*	*	*	30.20	99.09	789.0	693.7
	SCR Commissioning	*	*	*	*	*	*	*	*	25.69	84.30	763.0	679.3
	Full load testing &	*	*	*	*	*	*	*	*	30.20	99.09	789.0	693.7
8-hour	30F Base Load	*	*	19.06	2.40	*	*	*	*	31.36	102.89	743.2	668.3
	30F 75% Load	*	*	16.77	2.11	*	*	*	*	26.37	86.53	736.7	664.7
	30F 50% Load	*	*	14.54	1.83	*	*	*	*	21.13	69.32	755.1	674.9
	80F Base Load + Evap	*	*	18.74	2.36	*	*	*	*	30.57	100.30	784.3	691.1
	80F Base Load	*	*	18.56	2.34	*	*	*	*	30.20	99.09	788.5	693.4
	80F 75% Load	*	*	16.48	2.08	*	*	*	*	25.69	84.30	763.4	679.5
	80F 50% Load	*	*	14.34	1.81	*	*	*	*	20.68	67.84	780.6	689.0
	97F Base Load + Evap	*	*	18.73	2.36	*	*	*	*	30.65	100.56	783.4	690.6
	97F Base Load	*	*	18.31	2.31	*	*	*	*	29.58	97.06	795.6	697.4
	97F 75% Load	*	*	16.53	2.08	*	*	*	*	25.76	84.50	762.6	679.0
	97F 50% Load	*	*	14.35	1.81	*	*	*	*	20.73	68.02	779.3	688.3
	Pre- break-in Checkout	*	*	55	6.93	*	*	*	*	17.22	56.49	818.0	709.8
	Controlled Break-in	*	*	60	7.56	*	*	*	*	17.22	56.49	818.0	709.8
	Water Injection	*	*	168	21.17	*	*	*	*	20.68	67.84	781.0	689.3
	Complete AVR	*	*	255	32.13	*	*	*	*	30.20	99.09	789.0	693.7
	SCR Commissioning	*	*	9	1.13	*	*	*	*	25.69	84.30	763.0	679.3
	Full load testing &	*	*	12	1.51	*	*	*	*	30.20	99.09	789.0	693.7
3-hour	30F Base Load	*	*	*	*	*	*	0.60	0.08	31.36	102.89	743.2	668.3
	30F 75% Load	*	*	*	*	*	*	0.54	0.07	26.37	86.53	736.7	664.7
	30F 50% Load	*	*	*	*	*	*	0.48	0.06	21.13	69.32	755.1	674.9
	80F Base Load + Evap	*	*	*	*	*	*	0.59	0.07	30.57	100.30	784.3	691.1
	80F Base Load	*	*	*	*	*	*	0.59	0.07	30.20	99.09	788.5	693.4
	80F 75% Load	*	*	*	*	*	*	0.53	0.07	25.69	84.30	763.4	679.5
	80F 50% Load	*	*	*	*	*	*	0.47	0.06	20.68	67.84	780.6	689.0
	97F Base Load + Evap	*	*	*	*	*	*	0.59	0.07	30.65	100.56	783.4	690.6
	97F Base Load	*	*	*	*	*	*	0.58	0.07	29.58	97.06	795.6	697.4
	97F 75% Load	*	*	*	*	*	*	0.53	0.07	25.76	84.50	762.6	679.0
	97F 50% Load	*	*	*	*	*	*	0.47	0.06	20.73	68.02	779.3	688.3
	Pre- break-in Checkout	*	*	*	*	*	*	*	*	17.22	56.49	818.0	709.8
	Controlled Break-in	*	*	*	*	*	*	*	*	17.22	56.49	818.0	709.8
	Water Injection	*	*	*	*	*	*	*	*	20.68	67.84	781.0	689.3
	Complete AVR	*	*	*	*	*	*	*	*	30.20	99.09	789.0	693.7
	SCR Commissioning	*	*	*	*	*	*	*	*	25.69	84.30	763.0	679.3
	Full load testing &	*	*	*	*	*	*	*	*	30.20	99.09	789.0	693.7
1-hour	30F Base Load	23.24	2.93	41.20	5.19	*	*	0.59	0.07	31.36	102.89	743.2	668.3
	30F 75% Load	22.76	2.87	39.57	4.99	*	*	0.57	0.07	26.37	86.53	736.7	664.7
	30F 50% Load	22.29	2.81	37.97	4.78	*	*	0.54	0.07	21.13	69.32	755.1	674.9
	80F Base Load + Evap	23.16	2.92	40.97	5.16	*	*	0.59	0.07	30.57	100.30	784.3	691.1
	80F Base Load	23.13	2.91	40.84	5.15	*	*	0.59	0.07	30.20	99.09	788.5	693.4
	80F 75% Load	22.70	2.86	39.35	4.96	*	*	0.56	0.07	25.69	84.30	763.4	679.5
	80F 50% Load	22.25	2.80	37.83	4.77	*	*	0.54	0.07	20.68	67.84	780.6	689.0
	97F Base Load + Evap	23.17	2.92	40.96	5.16	*	*	0.59	0.07	30.65	100.56	783.4	690.6
	97F Base Load	23.07	2.91	40.66	5.12	*	*	0.58	0.07	29.58	97.06	795.6	697.4
	97F 75% Load	22.70	2.86	39.39	4.96	*	*	0.56	0.07	25.76	84.50	762.6	679.0
	97F 50% Load	22.25	2.80	37.84	4.77	*	*	0.54	0.07	20.73	68.02	779.3	688.3
	Pre- break-in Checkout	91	11.47	55	6.93	*	*	*	*	17.22	56.49	818.0	709.8
	Controlled Break-in	99	12.47	60	7.56	*	*	*	*	17.22	56.49	818.0	709.8
	Water Injection	175	22.05	168	21.17	*	*	*	*	20.68	67.84	781.0	689.3
	Complete AVR	81	10.21	255	32.13	*	*	*	*	30.20	99.09	789.0	693.7
	SCR Commissioning	35	4.41	9	1.13	*	*	*	*	25.69	84.30	763.0	679.3
	Full load testing &	11	1.41	12	1.51	*	*	*	*	30.20	99.09	789.0	693.7

Note: Changes in emission rates for PM10 and SO2 reflect corrections made to CTG startup times (See Table 3.1B-5 for correct startup times for all criteria pollutants).
Because modeled impacts from SO2 have a linear relationship to emission rates, the screening modeling was not repeated.

AES Highgrove AFC
Table 3.1C-4 (Replaces Table 8.1C-4R, Data Response Set 1B)
Detailed Operational Modeling Parameters (PM10 Only)

Source ID	Source Description	Easting (X) (m)	Northing (Y) (m)	Base Elevation (m)	Stack Height (m)	Temperature (K)	Exit Velocity (m/s)	Stack Diameter (m)	PM10 (24-hr) (lb/hr)	PM10 (24-hr) (g/s)	PM10 Annual (lb/hr)	PM10 Annual (g/s)
CTGSTK1	North CTG Stack	469380	3764693	286.21	27.432	689	20.676	4.115	6.21	0.7822	3.96	0.4987
CTGSTK2	Middle CTG Stack	469387	3764647	286.21	27.432	689	20.676	4.115	6.21	0.7822	3.96	0.4987
CTGSTK3	South CTG STack	469394	3764600	286.21	27.432	689	20.676	4.115	6.21	0.7822	3.96	0.4987
CL1	West Cell for CTGSTK1	469354	3764649	286.21	6.04	308.92	12.119	3.658	0.0528	0.0066	0.0330	0.0042
CL2	Center Cell for CTGSTK1	469358	3764649	286.21	6.04	308.92	12.119	3.658	0.0528	0.0066	0.0330	0.0042
CL3	East Cell for CTGSTK1	469362	3764649	286.21	6.04	308.92	12.119	3.658	0.0528	0.0066	0.0330	0.0042
CL4	West Cell for CTGSTK2	469361	3764603	286.21	6.04	308.92	12.119	3.658	0.0528	0.0066	0.0330	0.0042
CL5	Center Cell for CTGSTK2	469366	3764603	286.21	6.04	308.92	12.119	3.658	0.0528	0.0066	0.0330	0.0042
CL6	East Cell for CTGSTK2	469370	3764603	286.21	6.04	308.92	12.119	3.658	0.0528	0.0066	0.0330	0.0042
CL7	West Cell for CTGSTK3	469405	3764553	286.21	6.04	308.92	12.119	3.658	0.0528	0.0066	0.0330	0.0042
CL8	Center Cell for CTGSTK3	469410	3764553	286.21	6.04	308.92	12.119	3.658	0.0528	0.0066	0.0330	0.0042
CL9	East Cell for CTGSTK3	469414	3764553	286.21	6.04	308.92	12.119	3.658	0.0528	0.0066	0.0330	0.0042

Emission rates of the combustion turbines increased (compared to Data Response Set 1B) due to a correction of the startup and shutdown times (see Table 8.1B-4).
Although TDS concentration increased, emission rates of the cooling tower cells decreased overall due to an increase in the number of cells, a decrease in cycles of concentration, and a correction to the inlet water flow rate (see Table 3.1B-7).

AES Highgrove AFC
Table 3.1C-5 (Replaces Table 8.1C-6R, Data Response Set 1B)
Operational Modeling Results Summary (SCREENING)
Concentrations DO NOT Include Background.

		NOx (ug/m3)				CO (ug/m3)				PM10 (ug/m3)				SO2 (ug/m3)			
	Scenario	**All**	**STK1**	**STK2**	**STK3**	**All**	**STK1**	**STK2**	**STK3**	**All**	**STK1**	**STK2**	**STK3**	**All**	**STK1**	**STK2**	**STK3**
Annual	30F Base Load	0.753	0.254	0.250	0.249	*	*	*	*	0.3730	0.126	0.124	0.123	0.0386	0.126	0.124	0.123
	30F 75% Load	0.668	0.226	0.223	0.221	*	*	*	*	0.3972	0.134	0.133	0.131	0.0331	0.134	0.133	0.131
	30F 50% Load	0.573	0.194	0.193	0.189	*	*	*	*	0.4234	0.143	0.142	0.140	0.0267	0.143	0.142	0.140
	80F Base Load + Evap	0.734	0.248	0.244	0.243	*	*	*	*	0.3730	0.126	0.124	0.123	0.0367	0.126	0.124	0.123
	80F Base Load	0.728	0.246	0.242	0.241	*	*	*	*	0.3745	0.127	0.124	0.124	0.0369	0.127	0.124	0.124
	80F 75% Load	0.652	0.220	0.218	0.216	*	*	*	*	0.3983	0.135	0.133	0.132	0.0322	0.135	0.133	0.132
	80F 50% Load	0.561	0.190	0.189	0.185	*	*	*	*	0.4241	0.143	0.143	0.140	0.0257	0.143	0.143	0.140
	97F Base Load + Evap	0.735	0.249	0.244	0.243	*	*	*	*	0.3726	0.126	0.124	0.123	0.0376	0.126	0.124	0.123
	97F Base Load	0.718	0.243	0.238	0.238	*	*	*	*	0.3768	0.127	0.125	0.125	0.0362	0.127	0.125	0.125
	97F 75% Load	0.653	0.221	0.218	0.216	*	*	*	*	0.3981	0.134	0.133	0.132	0.0322	0.134	0.133	0.132
	97F 50% Load	0.562	0.190	0.189	0.185	*	*	*	*	0.4238	0.143	0.143	0.140	0.0268	0.143	0.143	0.140
24-hour	30F Base Load	*	*	*	*	*	*	*	*	3.6385	1.345	1.216	1.166	0.3737	0.138	0.125	0.120
	30F 75% Load	*	*	*	*	*	*	*	*	4.0307	1.514	1.346	1.289	0.3313	0.124	0.111	0.106
	30F 50% Load	*	*	*	*	*	*	*	*	4.4474	1.707	1.492	1.419	0.2762	0.106	0.093	0.088
	80F Base Load + Evap	*	*	*	*	*	*	*	*	3.6420	1.348	1.218	1.167	0.3626	0.134	0.121	0.116
	80F Base Load	*	*	*	*	*	*	*	*	3.6643	1.357	1.225	1.174	0.3594	0.133	0.120	0.115
	80F 75% Load	*	*	*	*	*	*	*	*	4.0519	1.524	1.354	1.296	0.3219	0.121	0.108	0.103
	80F 50% Load	*	*	*	*	*	*	*	*	4.4598	1.713	1.499	1.423	0.2683	0.103	0.090	0.086
	97F Base Load + Evap	*	*	*	*	*	*	*	*	3.6365	1.346	1.216	1.166	0.3632	0.134	0.121	0.116
	97F Base Load	*	*	*	*	*	*	*	*	3.7024	1.374	1.238	1.186	0.3545	0.132	0.119	0.114
	97F 75% Load	*	*	*	*	*	*	*	*	4.0478	1.522	1.352	1.295	0.3225	0.121	0.108	0.103
	97F 50% Load	*	*	*	*	*	*	*	*	4.4562	1.711	1.497	1.422	0.2689	0.103	0.090	0.086
8-hour	30F Base Load	*	*	*	*	27.363	12.395	10.353	8.849	*	*	*	*	*	*	*	*
	30F 75% Load	*	*	*	*	27.834	12.271	10.453	8.981	*	*	*	*	*	*	*	*
	30F 50% Load	*	*	*	*	28.208	11.992	10.484	9.253	*	*	*	*	*	*	*	*
	80F Base Load + Evap	*	*	*	*	26.960	12.207	10.200	8.719	*	*	*	*	*	*	*	*
	80F Base Load	*	*	*	*	26.926	12.174	10.183	8.707	*	*	*	*	*	*	*	*
	80F 75% Load	*	*	*	*	27.569	12.133	10.349	8.894	*	*	*	*	*	*	*	*
	80F 50% Load	*	*	*	*	27.966	11.868	10.386	9.171	*	*	*	*	*	*	*	*
	97F Base Load + Evap	*	*	*	*	26.882	12.176	10.171	8.694	*	*	*	*	*	*	*	*
	97F Base Load	*	*	*	*	26.950	12.154	10.185	8.712	*	*	*	*	*	*	*	*
	97F 75% Load	*	*	*	*	27.620	12.159	10.369	8.911	*	*	*	*	*	*	*	*
	97F 50% Load	*	*	*	*	27.943	11.864	10.380	9.162	*	*	*	*	*	*	*	*
3-hour	30F Base Load	*	*	*	*	*	*	*	*	*	*	*	*	2.4676	0.854	0.822	0.791
	30F 75% Load	*	*	*	*	*	*	*	*	*	*	*	*	2.3877	0.828	0.795	0.764
	30F 50% Load	*	*	*	*	*	*	*	*	*	*	*	*	2.2528	0.783	0.750	0.719
	80F Base Load + Evap	*	*	*	*	*	*	*	*	*	*	*	*	2.4072	0.834	0.802	0.772
	80F Base Load	*	*	*	*	*	*	*	*	*	*	*	*	2.3905	0.828	0.796	0.766
	80F 75% Load	*	*	*	*	*	*	*	*	*	*	*	*	2.3306	0.809	0.776	0.746
	80F 50% Load	*	*	*	*	*	*	*	*	*	*	*	*	2.2208	0.772	0.740	0.709
	97F Base Load + Evap	*	*	*	*	*	*	*	*	*	*	*	*	2.4036	0.832	0.801	0.771
	97F Base Load	*	*	*	*	*	*	*	*	*	*	*	*	2.3835	0.826	0.794	0.764
	97F 75% Load	*	*	*	*	*	*	*	*	*	*	*	*	2.3282	0.808	0.776	0.745
	97F 50% Load	*	*	*	*	*	*	*	*	*	*	*	*	2.2190	0.772	0.739	0.708
1-hour	30F Base Load	109.349	37.879	36.427	35.056	193.878	67.161	64.585	62.155	*	*	*	*	4.0984	1.420	1.365	1.314
	30F 75% Load	118.563	41.152	39.493	37.929	206.119	71.542	68.658	65.939	*	*	*	*	4.0924	1.420	1.363	1.309
	30F 50% Load	128.067	44.544	42.656	40.878	218.157	75.879	72.662	69.633	*	*	*	*	4.0330	1.403	1.343	1.287
	80F Base Load + Evap	109.179	37.823	36.370	35.000	193.087	66.892	64.321	61.899	*	*	*	*	4.0430	1.401	1.347	1.296
	80F Base Load	109.686	38.003	36.538	35.158	193.662	67.099	64.513	62.076	*	*	*	*	4.0386	1.399	1.345	1.295
	80F 75% Load	118.894	41.273	39.603	38.030	206.150	71.563	68.668	65.940	*	*	*	*	4.0551	1.408	1.351	1.297
	80F 50% Load	128.194	44.592	42.698	40.915	217.970	75.820	72.600	69.568	*	*	*	*	3.9983	1.391	1.332	1.276
	97F Base Load + Evap	109.046	37.776	36.326	34.959	192.743	66.771	64.207	61.791	*	*	*	*	4.0428	1.401	1.347	1.296
	97F Base Load	110.565	38.315	36.831	35.433	194.830	67.517	64.901	62.437	*	*	*	*	4.0338	1.398	1.344	1.293
	97F 75% Load	118.801	41.239	39.572	38.001	206.148	71.560	68.667	65.941	*	*	*	*	4.0560	1.408	1.351	1.297
	97F 50% Load	128.117	44.564	42.672	40.891	217.833	75.771	72.554	69.526	*	*	*	*	3.9997	1.391	1.332	1.277

Changes in the screening results for PM10 and SO2 were caused by a correction to the combustion turbine startup and shutdown times (see Tables 3.1B-4 and 3.1C-4).

AES Highgrove AFC
Table 3.1C-6 (Replaces Table 8.1C-7R, Data Response Set 1B)
Operational Modeling Results Summary (Detailed - PM10 Only)

		PM10 Concentration (ug/m3)				
	Scenario	**All**	**STK1**	**STK2**	**STK3**	**Cooling Tower[a]**
Annual	80F 50% Load	0.441	0.143	0.143	0.140	0.383
24-hour	80F 50% Load	4.592	1.695	1.599	1.412	2.446

a. Although cooling tower emission rates decreased, overall impacts increased due to the change in impact location caused by reduction in exhaust flow rate (see Table 3.1C-1).

AES Highgrove

Table 3.1C-7 (Replaces Table 8.1C-8R, Data Response Set 1B)

Summary of Receptors and the Predicted PM10 and PM2.5 Impacts at Each Receptor

Source of Locations: EDR Offsite Receptor Report (January 20, 2006)

ISC Model Scenario: 80F 50%Load - Actual emissions for Gas Turbines and Cooling Towers - 24 hr and annua

Date: November 28, 2006

EDR Receptor Name	NAME	EDR Receptor Type	UTM (NAD 27) Easting (m)	UTM (NAD 27) Northing (m)	Predicted PM10 Impact (ug/m3) 24-Hour	Predicted PM10 Impact (ug/m3) Annual	Predicted PM2.5 Impact (ug/m3) 24-Hour	Predicted PM2.5 Impact (ug/m3) Annual
A1	RUSD/HIGHGROVE HEADSTART STATE PRESCHOOL	Daycare	469900	3763783	0.6912	0.0623	0.6912	0.0623
A2	HIGHGROVE ELEMENTARY	Public Schools	469900	3763783	0.6912	0.0623	0.6912	0.0623
B3	IMMANUEL BAPTIST SCHOOL	Private School	470178	3764115	0.8584	0.1478	0.8584	0.1478
B4	IMMANUEL BAPTST PRESCHOOL	Daycare	470178	3764115	0.8584	0.1478	0.8584	0.1478
C5	GRAND TERRACE SCHOOL	GNIS Schools	470368	3765889	0.4230	0.0210	0.4230	0.0210
C6	GRAND TERRACE ELEMENTARY	Public Schools	470368	3765889	0.4230	0.0210	0.4230	0.0210
D7	TERRACE HILLS SCHOOL	GNIS Schools	471197	3765332	0.6945	0.0399	0.6945	0.0399
D8	TERRACE HILLS MIDDLE	Public Schools	471197	3765332	0.6945	0.0399	0.6945	0.0399
D9	AZURE HILLS ELEMENTARY SCHOOL	Private School	471105	3765554	0.5472	0.0321	0.5472	0.0321
11	CENTER FOR EMPLOYMENT TRAINING-RIVERSIDE	Colleges	467679	3762349	0.4481	0.0322	0.4481	0.0322
E12	TERRACE VIEW ELEMENTARY - CHILD CARE	Daycare	471570	3766661	0.4779	0.0244	0.4779	0.0244
E13	TERRACE VIEW SCHOOL	GNIS Schools	471570	3766661	0.4779	0.0244	0.4779	0.0244
14	FOUR D SUCCESS ACADEMY	Colleges	471203	3767327	0.4681	0.0168	0.4681	0.0168
15	TERRACE VIEW ELEMENTARY	Public Schools	471570	3766661	0.4779	0.0244	0.4779	0.0244
16	CALIFORNIA SCHOOL OF COURT REPORTING-RIVERSIDE	Colleges	468229	3761128	1.4689	0.0569	1.4689	0.0569
F18	UNITED TRUCK DRIVING SCHOOL	Colleges	468874	3760904	0.8634	0.0943	0.8634	0.0943
F19	UNITED TRUCK DRIVING SCHOOL	Colleges	468874	3760904	0.8634	0.0943	0.8634	0.0943
20	SAN SALVADOR SCHOOL	GNIS Schools	469452	3768220	0.5238	0.0223	0.5238	0.0223
G21	WESTERN HEALTHCARE CENTER	Nursing Homes	472403	3767324	0.2550	0.0104	0.2550	0.0104
G22	KINDER CARE LEARNING CENTER	Private School	472495	3767324	0.2687	0.0107	0.2687	0.0107
23	COMPUTER EDUCATION INSTITUTE-RIVERSIDE	Colleges	467951	3760907	1.2378	0.0565	1.2378	0.0565
H24	CITY OF COLTON/WILSON ELEMENTARY SCHOOL	Daycare	470007	3768440	0.6716	0.0264	0.6716	0.0264
H25	WILSON SCHOOL	GNIS Schools	470007	3768440	0.6716	0.0264	0.6716	0.0264
I26	FREMONT ELEMENTARY	Public Schools	466476	3761688	0.3445	0.0211	0.3445	0.0211
27	UNIVERSITY HEIGHTS MIDDLE	Public Schools	468873	3760571	0.8592	0.0978	0.8592	0.0978
I28	RUSD/FREMONT HEADSTART SITE	Daycare	466476	3761688	0.3445	0.0211	0.3445	0.0211
29	TEMPLE CHRISTIAN SCHOOL	Private School	469176	3768553	0.6805	0.0288	0.6805	0.0288
I30	FREMONT SCHOOL	GNIS Schools	466476	3761688	0.3445	0.0211	0.3445	0.0211
J31	EAST VALLEY COMMUNITY DAY	Public Schools	471390	3767992	0.6137	0.0218	0.6137	0.0218
K32	HIGHLAND ELEMENTARY	Public Schools	469796	3760347	1.7707	0.1614	1.7707	0.1614
J33	SUMMIT CAREER COLLEGE	Colleges	471574	3767992	0.5271	0.0184	0.5271	0.0184
K35	UNIVERSITY CHILDRENS CENTER & PRESCHOOL	Daycare	469796	3760347	1.7707	0.1614	1.7707	0.1614
37	NORTH HIGH SCHOOL	GNIS Schools	468132	3760019	1.1778	0.0554	1.1778	0.0554
M38	ISLAMIC ACADEMY OF RIVERSIDE	Daycare	469055	3759684	0.6945	0.0962	0.6945	0.0962
M39	RIVERSIDE GARDEN SCHOOL	Private School	469055	3759684	0.6945	0.0962	0.6945	0.0962
40	RECHE CANYON REHAB & HEALTH CARE CENTER	Nursing Homes	473510	3767210	0.4289	0.0190	0.4289	0.0190
41	COOLEY RANCH ELEMENTARY	Public Schools	471397	3770431	1.6333	0.0309	1.6333	0.0309
42	COLTON HIGH	Public Schools	469088	3769663	0.5979	0.0254	0.5979	0.0254
N43	UNIVERSITY OF CALIFORNIA-RIVERSIDE	Colleges	469236	3758574	0.9821	0.1218	0.9821	0.1218
44	SLOVER MOUNTAIN HIGH (CONT.)	Public Schools	468165	3769777	0.6986	0.0265	0.6986	0.0265
45	SOMOS HERMANAS UNIDAS	Colleges	470380	3769880	0.8164	0.0246	0.8164	0.0246
O46	PLYMOUTH TOWER	Nursing Homes	465824	3760360	0.4346	0.0231	0.4346	0.0231
P47	APPLE TREE LEARNING CENTER	Daycare	471086	3759345	1.2240	0.1026	1.2240	0.1026
N48	UNIVERSITY OF CALIFORNIA RIVERSIDE	GNIS Schools	469236	3758574	0.9821	0.1218	0.9821	0.1218
P49	BIG SPRINGS SCHOOL	Private School	471086	3759345	1.2240	0.1026	1.2240	0.1026
Q50	RUSD/LONGFELLOW HEADSTART	Daycare	466838	3759580	0.9311	0.0475	0.9311	0.0475
Q51	LONGFELLOW ELEMENTARY	Public Schools	466838	3759580	0.9311	0.0475	0.9311	0.0475
Q52	LONGFELLOW SCHOOL	GNIS Schools	466838	3759580	0.9311	0.0475	0.9311	0.0475
53	RECHE CANYON ELEMENTARY	Public Schools	474984	3765986	0.5226	0.0516	0.5226	0.0516
O54	CONTINUATION SCHOOL	GNIS Schools	466008	3760138	0.4105	0.0260	0.4105	0.0260
55	BRYANT SCHOOL	GNIS Schools	464995	3760918	0.2744	0.0176	0.2744	0.0176
R56	NAACP HEAD START/STATE PRESCHOOL	Daycare	467206	3759246	1.0580	0.0504	1.0580	0.0504
S58	WASHINGTON HIGH (ALTER.)	Public Schools	471119	3769989	1.2129	0.0209	1.2129	0.0209
59	ARROWHEAD REGIONAL MEDICAL CENTER	Medical Center	467428	3770001	0.6425	0.0217	0.6425	0.0217
R60	UNIVERSITY HEIGHTS JUNIOR HIGH SCHOOL	GNIS Schools	467206	3759246	1.0580	0.0504	1.0580	0.0504
S61	WASHINGTON SCHOOL	GNIS Schools	471119	3769989	1.2129	0.0209	1.2129	0.0209
T62	GRANT SCHOOL	GNIS Schools	469552	3770659	0.6035	0.0307	0.6035	0.0307
T63	GRANT (ULYSSES) ELEMENTARY	Public Schools	469552	3770659	0.6035	0.0307	0.6035	0.0307
64	REALTY INSTITUTE	Colleges	473423	3769095	0.2888	0.0097	0.2888	0.0097

AES Highgrove
Table 3.1C-7 (Replaces Table 8.1C-8R, Data Response Set 1B)
Summary of Receptors and the Predicted PM10 and PM2.5 Impacts at Each Receptor
Source of Locations: EDR Offsite Receptor Report (January 20, 2006)
ISC Model Scenario: 80F 50%Load - Actual emissions for Gas Turbines and Cooling Towers - 24 hr and annua
Date: November 28, 2006

EDR Receptor Name	NAME	EDR Receptor Type	UTM (NAD 27) Easting (m)	UTM (NAD 27) Northing (m)	Predicted PM10 Impact (ug/m3) 24-Hour	Predicted PM10 Impact (ug/m3) Annual	Predicted PM2.5 Impact (ug/m3) 24-Hour	Predicted PM2.5 Impact (ug/m3) Annual
U65	ST. JOHN'S LUTHERAN EVANGELICAL CHURCH OF COLTON	Daycare	470383	3770656	0.5272	0.0219	0.5272	0.0219
U66	IMMACULATE CONCEPTION SCHOOL	GNIS Schools	470383	3770656	0.5272	0.0219	0.5272	0.0219
V67	LINCOLN SCHOOL	GNIS Schools	470660	3770655	0.9229	0.0224	0.9229	0.0224
V68	LINCOLN (ABRAHAM) ELEMENTARY	Public Schools	470660	3770655	0.9229	0.0224	0.9229	0.0224
69	HYATT SCHOOL	GNIS Schools	471269	3758568	1.1323	0.0974	1.1323	0.0974
W70	CHESTMORE ELEMENTARY	Public Schools	463727	3767464	0.5029	0.0342	0.5029	0.0342
W71	CJUSD/CRESTMORE SITE	Daycare	463727	3767464	0.5029	0.0342	0.5029	0.0342
W72	CRESTMORE SCHOOL	GNIS Schools	463727	3767464	0.5029	0.0342	0.5029	0.0342
X73	ST. FRANCES DE SALES PRESCHOOL	Daycare	465544	3759363	0.3786	0.0261	0.3786	0.0261
X74	ST FRANCIS DE SALES ELEM SCHOOL	Private School	465544	3759363	0.3786	0.0261	0.3786	0.0261
Y75	CJUSD/ALICE BIRNEY ELEMENTARY SCHOOL	Daycare	471305	3770653	1.1209	0.0198	1.1209	0.0198
X76	SAINT FRANCIS SCHOOL	GNIS Schools	465544	3759363	0.3786	0.0261	0.3786	0.0261
77	UNIVERSITY OF CALIFORNIA EXPERIMENT STATION	GNIS Schools	468957	3758021	0.5857	0.0773	0.5857	0.0773
Y78	BIRNEY SCHOOL	GNIS Schools	471305	3770653	1.1209	0.0198	1.1209	0.0198
79	COLTON MIDDLE	Public Schools	469369	3770992	0.5726	0.0284	0.5726	0.0284
Z80	LINCOLN (ABRAHAM) CONTINUATION	Public Schools	466188	3758807	0.8800	0.0423	0.8800	0.0423
Z81	LEARNING CENTER	GNIS Schools	466188	3758585	0.7991	0.0426	0.7991	0.0426
AA82	ROGERS (PAUL) ELEMENTARY	Public Schools	468723	3771105	0.5047	0.0267	0.5047	0.0267
AA83	CITY OF COLTON/PAUL ROGERS ELEMENTARY SCHOOL	Daycare	468723	3771105	0.5047	0.0267	0.5047	0.0267
Y84	BIRNEY (ALICE) ELEMENTARY	Public Schools	471305	3770653	1.1209	0.0198	1.1209	0.0198
AB85	RIVERSIDE FAITH TEMPLE CHURCH TODDLER CENTER	Daycare	466649	3758472	1.0806	0.0462	1.0806	0.0462
AB86	EASTSIDE CHRISTIAN ACADEMY	Private School	466649	3758472	1.0806	0.0462	1.0806	0.0462
AC87	EMERSON SCHOOL	GNIS Schools	467387	3758248	1.3320	0.0440	1.3320	0.0440
AA88	ROGERS SCHOOL	GNIS Schools	468723	3771105	0.5047	0.0267	0.5047	0.0267
AC89	EMERSON ELEMENTARY	Public Schools	467387	3758248	1.3320	0.0440	1.3320	0.0440
90	INTERNAL CONTROL	Colleges	473059	3770981	0.5034	0.0171	0.5034	0.0171
AD91	GRANT SCHOOL	GNIS Schools	464713	3759588	0.3130	0.0178	0.3130	0.0178
Z92	OUR LADY OF GUADALUPE ACADEMY	GNIS Schools	466188	3758585	0.7991	0.0426	0.7991	0.0426
AD93	RIVERSIDE COMMUNITY HOSPITAL	Medical Center	464897	3759366	0.3842	0.0184	0.3842	0.0184
AD94	RIVERSIDE COMMUNITY HOSPITAL	Nursing Homes	464897	3759366	0.3842	0.0184	0.3842	0.0184
AD95	RUSD/GRANT ELEMENTARY SCHOOL	Daycare	464713	3759588	0.3130	0.0178	0.3130	0.0178
AD96	GRANT ELEMENTARY	Public Schools	464713	3759588	0.3130	0.0178	0.3130	0.0178
AD97	RIVERSIDE COMMUNITY HOSPITAL	AHA Hospitals	464897	3759366	0.3842	0.0184	0.3842	0.0184
98	CRESTVIEW CONVALESCENT HOSPITAL	Nursing Homes	465861	3770339	0.5442	0.0152	0.5442	0.0152
AD100	CALVARY PRESBYTERIAN CHURCH NS	Private School	464804	3759255	0.3814	0.0181	0.3814	0.0181
AD101	CALVARY PRESBYTERIAN CHURCH NURSERY SCHOOL	Daycare	464804	3759255	0.3814	0.0181	0.3814	0.0181
AE102	LOMA LINDA UNIVERSITY	GNIS Schools	475910	3767425	0.5477	0.0240	0.5477	0.0240
103	GARCIA (ERNEST) ELEMENTARY	Public Schools	467894	3771441	0.6831	0.0229	0.6831	0.0229
104	LOMA LINDA UNIVERSITY MED CNTR	AHA Hospitals	475910	3767425	0.5477	0.0240	0.5477	0.0240
AF105	BEVERLY MANOR RIVERSIDE	Nursing Homes	463974	3759480	0.2646	0.0155	0.2646	0.0155
AG106	ARBUCKLE SCHOOL	GNIS Schools	462690	3761813	0.3449	0.0162	0.3449	0.0162
107	MORRIS (GEORGIA) ELEMENTARY	Public Schools	464296	3771454	0.3348	0.0119	0.3348	0.0119
AG108	INA ARBUCKLE ELEMENTARY SCHOOL/HEADSTART	Daycare	462690	3761813	0.3449	0.0162	0.3449	0.0162
AG109	INA ARBUCKLE ELEMENTARY	Public Schools	462690	3761813	0.3449	0.0162	0.3449	0.0162
110	JEHUE (WILLIAM G.) MIDDLE	Public Schools	467063	3771222	0.5215	0.0194	0.5215	0.0194
AH111	ZIMMERMAN (WALTER) ELEMENTARY	Public Schools	467606	3768004	0.8387	0.0178	0.8387	0.0178
AH112	ZIMMERMAN SCHOOL	GNIS Schools	467606	3768004	0.8387	0.0178	0.8387	0.0178
AI113	MCKINLEY SCHOOL	GNIS Schools	469556	3771768	0.5238	0.0268	0.5238	0.0268
AE114	LOMA LINDA UNIVERSITY MEDICAL CENTER	Medical Center	475910	3767425	0.5477	0.0240	0.5477	0.0240
115	SHERIFFS ACADEMY	GNIS Schools	470618	3757350	0.8156	0.1003	0.8156	0.1003
AI116	MCKINLEY (WILLIAM) ELEMENTARY	Public Schools	469556	3771768	0.5238	0.0268	0.5238	0.0268
AF117	COMMUNITY CARE ON PALM	Nursing Homes	463696	3759259	0.2449	0.0147	0.2449	0.0147
AJ118	CENTRAL MIDDLE	Public Schools	464434	3758924	0.3853	0.0179	0.3853	0.0179
AJ119	RIVERSIDE COMMUNITY COLLEGE	Colleges	464526	3758923	0.3867	0.0179	0.3867	0.0179
120	SAN BERNARDINO VALLEY COLLEGE	GNIS Schools	471216	3771652	1.2331	0.0263	1.2331	0.0263
AK121	BLOOMINGTON JUNIOR HIGH SCHOOL	GNIS Schools	463642	3769238	0.4493	0.0199	0.4493	0.0199
AL122	EDEN LUTHERAN SCHOOL	Daycare	464250	3759257	0.3137	0.0167	0.3137	0.0167
AL123	EDEN LUTHERN DAY SCHOOL	Private School	464250	3759257	0.3137	0.0167	0.3137	0.0167
AK124	COLTON JUSD HEAD START BLOOMINGTON	Daycare	463642	3769238	0.4493	0.0199	0.4493	0.0199

AES Highgrove
Table 3.1C-7 (Replaces Table 8.1C-8R, Data Response Set 1B)
Summary of Receptors and the Predicted PM10 and PM2.5 Impacts at Each Receptor
Source of Locations: EDR Offsite Receptor Report (January 20, 2006)
ISC Model Scenario: 80F 50%Load - Actual emissions for Gas Turbines and Cooling Towers - 24 hr and annua
Date: November 28, 2006

EDR Receptor Name	NAME	EDR Receptor Type	UTM (NAD 27) Easting (m)	UTM (NAD 27) Northing (m)	Predicted PM10 Impact (ug/m3) 24-Hour	Predicted PM10 Impact (ug/m3) Annual	Predicted PM2.5 Impact (ug/m3) 24-Hour	Predicted PM2.5 Impact (ug/m3) Annual
AK125	BLOOMINTON MIDDLE	Public Schools	463642	3769238	0.4493	0.0199	0.4493	0.0199
AM126	URBITA SCHOOL	GNIS Schools	471862	3771539	1.4607	0.0273	1.4607	0.0273
AM127	URBITA ELEMENTARY	Public Schools	471862	3771539	1.4607	0.0273	1.4607	0.0273
AJ128	RIVERSIDE COMMUNITY CHILD DEVELOPMENT CENTER	Daycare	464526	3758923	0.3867	0.0179	0.3867	0.0179
AJ129	CITY COLLEGE	GNIS Schools	464710	3758701	0.3798	0.0184	0.3798	0.0184
AN130	GRIMES SCHOOL	GNIS Schools	464199	3770123	0.3954	0.0141	0.3954	0.0141
AJ131	CENTRAL JUNIOR HIGH SCHOOL	GNIS Schools	464434	3758924	0.3853	0.0179	0.3853	0.0179
AN132	GRIMES (RUTH) ELEMENTARY	Public Schools	464199	3770123	0.3954	0.0141	0.3954	0.0141
AL133	FIRST UNITED METHODIST CHURCH NURSERY SCHOOL	Daycare	464250	3759257	0.3137	0.0167	0.3137	0.0167
AO134	KINDER-CARE LEARNING CENTERS	Daycare	469600	3756910	0.9557	0.1016	0.9557	0.1016
AO135	KINDER CARE LEARNING CENTER	Private School	469600	3756910	0.9557	0.1016	0.9557	0.1016
136	LA PETITE ACADEMY	Private School	475270	3769533	0.2573	0.0117	0.2573	0.0117
AP137	UNION ACADEMY	GNIS Schools	475914	3768645	0.3448	0.0180	0.3448	0.0180
138	URBITA SCHOOL (HISTORICAL)	GNIS Schools	471862	3771539	1.4607	0.0273	1.4607	0.0273
AP139	LOMA LINDA ACADEMY	Private School	476005	3768423	0.3831	0.0198	0.3831	0.0198
AQ140	HERITAGE GRADENS HEALTH CARE CENTER	Nursing Homes	476649	3767312	0.4594	0.0263	0.4594	0.0263
AR141	LOMA LINDA CHILDRENS CENTER KI	Private School	476373	3767867	0.4787	0.0221	0.4787	0.0221
142	RIALTO HIGH	Public Schools	467066	3772109	0.4448	0.0187	0.4448	0.0187
AR143	LOMA LINDA INFANT CENTER	Daycare	476373	3767867	0.4787	0.0221	0.4787	0.0221
144	SIMPSON (SAMUEL W.) ELEMENTARY	Public Schools	465033	3771229	0.4426	0.0134	0.4426	0.0134
AQ145	LOMA LINDA UNIV COMMUNITY HOSP	AHA Hospitals	476649	3767312	0.4594	0.0263	0.4594	0.0263
AQ146	JERRY L PETTIS MEM VET HOSP	AHA Hospitals	476649	3767312	0.4594	0.0263	0.4594	0.0263
AS147	MILOR CONTINUATION HIGH	Public Schools	465495	3771449	0.5386	0.0144	0.5386	0.0144
AS148	ZUPANIC (CHARLES) HIGH (ALTER.)	Public Schools	465495	3771449	0.5386	0.0144	0.5386	0.0144
AT150	BLOOMINGTON CHRISTIAN DAY SCHOOL	Daycare	463738	3770236	0.3475	0.0140	0.3475	0.0140
AT151	BLOOMINGTON CHRISTIAN SCHOOL	Private School	463738	3770236	0.3475	0.0140	0.3475	0.0140
AT152	BRIGHT BEGINNINGS PRESCHOOL OF RIALTO	Daycare	463738	3770236	0.3475	0.0140	0.3475	0.0140
153	MULBERRY CHILDCARE	Private School	464108	3770567	0.3807	0.0135	0.3807	0.0135
154	MISSION JUNIOR HIGH SCHOOL	GNIS Schools	461676	3762483	0.3408	0.0238	0.3408	0.0238
AU155	RICHARDSON JUNIOR HIGH SCHOOL	GNIS Schools	471587	3772316	1.0619	0.0231	1.0619	0.0231
AU156	RICHARDSON PREP HI	Public Schools	471587	3772316	1.0619	0.0231	1.0619	0.0231
AV157	JUSD/WEST ELEMENTARY PRESCHOOL/HEADSTART	Daycare	461674	3761817	0.3361	0.0184	0.3361	0.0184
AV158	WEST RIVERSIDE ELEMENTARY	Public Schools	461674	3761817	0.3361	0.0184	0.3361	0.0184
AV159	WEST RIVERSIDE SCHOOL	GNIS Schools	461674	3761817	0.3361	0.0184	0.3361	0.0184
AW160	KELLEY SCHOOL	GNIS Schools	467810	3773769	0.5793	0.0198	0.5793	0.0198
161	METCALF SCHOOL	GNIS Schools	471403	3772427	1.0866	0.0233	1.0866	0.0233
AW162	KELLEY ELEMENTARY	Public Schools	467810	3773769	0.5793	0.0198	0.5793	0.0198
AX163	ALCOTT SCHOOL	GNIS Schools	466366	3756921	0.9546	0.0430	0.9546	0.0430
AX164	ALCOTT ELEMENTARY	Public Schools	466366	3756921	0.9546	0.0430	0.9546	0.0430
AR165	LINDA VALLEY CARE CENTER	Nursing Homes	476835	3767866	0.4802	0.0206	0.4802	0.0206
AZ170	BOYD ELEMENTARY	Public Schools	466237	3772333	0.6995	0.0151	0.6995	0.0151
AZ171	BOYD SCHOOL	GNIS Schools	466237	3772333	0.6995	0.0151	0.6995	0.0151
BA172	RIVERSIDE TEMPLE BETH EL NURSERY SCHOOL	Daycare	465812	3756923	0.9659	0.0405	0.9659	0.0405
BA173	TEMPLE BETH EL CHILD DEV CENTER	Private School	465812	3756923	0.9659	0.0405	0.9659	0.0405
BB174	VISTA PACIFIC CONVALESCENT	Nursing Homes	461123	3762596	0.4090	0.0214	0.4090	0.0214
BB175	VISTA PACIFIC CENTER	Nursing Homes	461123	3762596	0.4090	0.0214	0.4090	0.0214
BC176	SAN BERNARDINO CITY SCHOOL DIST.-ALLDRED CHILD DE	Daycare	471589	3772759	1.0579	0.0223	1.0579	0.0223
177	SENECA ELEMENTARY	Public Schools	472741	3756679	0.7835	0.0655	0.7835	0.0655
BA178	POLYTECHNIC HIGH	Public Schools	465811	3756701	0.9720	0.0399	0.9720	0.0399
179	HARRIS (RUTH O.) MIDDLE	Public Schools	461421	3767695	0.5755	0.0290	0.5755	0.0290
180	BLOOMINGTON HIGH SCHOOL	GNIS Schools	461885	3768469	0.3830	0.0261	0.3830	0.0261
BC181	LYDLE CREEK ELEMENTARY	Public Schools	471589	3772759	1.0579	0.0223	1.0579	0.0223
BC183	LYTLE CREEK SCHOOL	GNIS Schools	471589	3772759	1.0579	0.0223	1.0579	0.0223
BA184	POLYTECHNIC HIGH SCHOOL	GNIS Schools	465996	3756590	0.9651	0.0408	0.9651	0.0408
BD185	MAGNOLIA SCHOOL	GNIS Schools	463690	3757818	0.3777	0.0166	0.3777	0.0166
BE186	CARDEN SCHOOL	GNIS Schools	464797	3757259	0.7634	0.0312	0.7634	0.0312
187	STEPS COMMUNITY DAY	Public Schools	461029	3762153	0.3343	0.0206	0.3343	0.0206
BE188	MONTESSORI ACADEMY	Private School	464612	3757260	0.6480	0.0277	0.6480	0.0277
BF189	BURBANK ELEMENTARY	Public Schools	473524	3772199	0.5536	0.0155	0.5536	0.0155

AES Highgrove

Table 3.1C-7 (Replaces Table 8.1C-8R, Data Response Set 1B)

Summary of Receptors and the Predicted PM10 and PM2.5 Impacts at Each Receptor

Source of Locations: EDR Offsite Receptor Report (January 20, 2006)

ISC Model Scenario: 80F 50%Load - Actual emissions for Gas Turbines and Cooling Towers - 24 hr and annua

Date: November 28, 2006

			UTM (NAD 27)		Predicted PM10 Impact (ug/m3)		Predicted PM2.5 Impact (ug/m3)	
EDR Receptor Name	NAME	EDR Receptor Type	Easting (m)	Northing (m)	24-Hour	Annual	24-Hour	Annual
BD190	ANZA CASTLE PRESCHOOL	Daycare	463690	3757818	0.3777	0.0166	0.3777	0.0166
BD191	MAGNOLIA ELEMENTARY SCHOOL	Daycare	463690	3757818	0.3777	0.0166	0.3777	0.0166
BE192	MONTESSORI ACADEMY	Daycare	464612	3757260	0.6480	0.0277	0.6480	0.0277
BD193	MAGNOLIA ELEMENTARY	Public Schools	463690	3757818	0.3777	0.0166	0.3777	0.0166
BD194	ST PAUL LUTHERAN SCHOOL	Private School	463782	3757707	0.3711	0.0167	0.3711	0.0167
195	MILL SCHOOL	GNIS Schools	474814	3771530	0.2801	0.0084	0.2801	0.0084
BF197	BURBANK SCHOOL	GNIS Schools	473524	3772199	0.5536	0.0155	0.5536	0.0155
BG198	HIDDEN SPRINGS ELEMENTARY	Public Schools	475244	3759666	0.4928	0.0601	0.4928	0.0601
BD199	KNOLLWOOD HOSPITAL	GNIS Schools	463506	3757929	0.3659	0.0162	0.3659	0.0162
BH200	KNOLLWOOD PSYCH & CHEMICAL DEPEND CTR	Medical Center	463513	3759814	0.3138	0.0182	0.3138	0.0182
BG201	VISTA HEIGHTS (MIDDLE)	Public Schools	475980	3758444	0.3602	0.0411	0.3602	0.0411
202	CURTIS (SAM V.) ELEMENTARY	Public Schools	465037	3772338	0.4752	0.0129	0.4752	0.0129
203	CALIFORNIA SOUTHERN LAW SCHOOL	Colleges	463781	3757485	0.3739	0.0168	0.3739	0.0168
204	PACHAPPA SCHOOL	GNIS Schools	464334	3757150	0.4975	0.0236	0.4975	0.0236
205	LEWIS (MARY B.) ELEMENTARY	Public Schools	461732	3770686	0.3239	0.0154	0.3239	0.0154
BI206	RIO VISTA HIGH (CONT.)	Public Schools	460389	3763818	0.4827	0.0248	0.4827	0.0248
BI207	NUEVA VISTA CONTINUATION HIGH	Public Schools	460389	3763818	0.4827	0.0248	0.4827	0.0248
BJ208	SMITH SCHOOL	GNIS Schools	463002	3770904	0.3121	0.0128	0.3121	0.0128
BJ209	SMITH (GERALD A.) ELEMENTARY	Public Schools	463002	3770904	0.3121	0.0128	0.3121	0.0128
BH210	FIRST CHRISTIAN NURSERY SCHOOL	Daycare	463413	3757708	0.3735	0.0160	0.3735	0.0160
BH211	COMMUNITY CARE AND REHAB CNTR	Nursing Homes	463413	3757708	0.3735	0.0160	0.3735	0.0160
BK212	ST. JOHNS CHILD CARE CENTER	Daycare	460476	3762488	0.4048	0.0200	0.4048	0.0200
BK213	RUSTIC LANE ELEMENTARY	Public Schools	460476	3762488	0.4048	0.0200	0.4048	0.0200
BL214	CASEY ELEMENTARY	Public Schools	467071	3773550	0.4378	0.0163	0.4378	0.0163
BL215	CASEY ELEMENTARY SCHOOL-ROOM E-4	Daycare	467071	3773550	0.4378	0.0163	0.4378	0.0163
BK216	RUBIDOUX HIGH SCHOOL	GNIS Schools	460566	3761933	0.3496	0.0205	0.3496	0.0205
217	VICTORIA ELEMENTARY	Public Schools	465347	3756038	0.8435	0.0353	0.8435	0.0353
BH219	GROWING PLACE, TOO	Daycare	463413	3757708	0.3735	0.0160	0.3735	0.0160
BM220	JUSD/PACIFIC AVENUE ELEMENTARY	Daycare	460748	3761267	0.3349	0.0157	0.3349	0.0157
BN221	RUSTIC LANE SCHOOL	GNIS Schools	460476	3762488	0.4048	0.0200	0.4048	0.0200
BH222	THE GROWING PLACE	Private School	463228	3757709	0.3389	0.0155	0.3389	0.0155
BM223	PACIFIC AVENUE ELEMENTARY	Public Schools	460748	3761267	0.3349	0.0157	0.3349	0.0157
BN224	JUSD/RUSTIC LANE ELEMENTARY STATE PRESCHOOL	Daycare	460476	3762488	0.4048	0.0200	0.4048	0.0200
BL225	CASEY SCHOOL	GNIS Schools	467071	3773550	0.4378	0.0163	0.4378	0.0163
BM226	PACIFIC AVENUE SCHOOL	GNIS Schools	460748	3761267	0.3349	0.0157	0.3349	0.0157
227	RUBIDOUX HIGH	Public Schools	460566	3761933	0.3496	0.0205	0.3496	0.0205
BO228	YMCA OF RIVERSIDE - HOPE LUTHERAN CHURCH	Daycare	465347	3756038	0.8435	0.0353	0.8435	0.0353
BP230	CASTLE VIEW ELEMENTARY	Public Schools	468301	3755140	0.5912	0.0811	0.5912	0.0811
BM232	TREE HOUSE PRE-SCHOOL, THE	Daycare	460748	3761267	0.3349	0.0157	0.3349	0.0157
233	SECURITY OFFICERS TRAINING ACADEMY	Colleges	473250	3773087	0.9934	0.0158	0.9934	0.0158
234	CANYON SPRINGS HIGH	Public Schools	475886	3757668	0.2871	0.0346	0.2871	0.0346
BO235	VICTORIA SCHOOL	GNIS Schools	465347	3756038	0.8435	0.0353	0.8435	0.0353
BP236	CASTLE VIEW SCHOOL	GNIS Schools	468301	3755140	0.5912	0.0811	0.5912	0.0811
237	VALLEY HYPNOSIS CENTER	Colleges	463502	3757042	0.3617	0.0162	0.3617	0.0162
BQ238	LEWIS SCHOOL	GNIS Schools	462171	3770686	0.4503	0.0152	0.4503	0.0152
BQ239	CASA MARIA CONVALESCENT HOSPITAL	Nursing Homes	462079	3770686	0.4270	0.0155	0.4270	0.0155
240	BRYN MAWR ELEMENTARY	Public Schools	478678	3766642	0.3635	0.0327	0.3635	0.0327
241	WATTS SCHOOL	GNIS Schools	465595	3773334	0.5839	0.0131	0.5839	0.0131
242	RIVERSIDE CHRISTIAN DAY SCHOOL	Private School	463683	3756044	0.4740	0.0212	0.4740	0.0212

AES Highgrove

Table 3.1C-8 (Replaces Table 8.1C-9R, Data Response Set 1B)
Summary of Receptors and the Predicted PM10 and PM2.5 Impacts at Each Receptor

ISC Model Scenario: 80F 50%Load - Actual emissions for Gas Turbines and Cooling Towers - 24 hr and annual

Park Receptors
Date: November 28, 2006

	UTM (NAD 27)		Predicted PM10 Impact (ug/m3)		Predicted PM2.5 Impact (ug/m3)	
Name	**Easting (m)**	**Northing (m)**	**24-Hour**	**Annual**	**24-Hour**	**Annual**
Reid Park	467028	3763822	0.3179	0.0233	0.3179	0.0233
AB Brown Sports Complex	467396	3763303	0.2420	0.0190	0.2420	0.0190
Fairmount Park	465807	3761389	0.2551	0.0179	0.2551	0.0179
Samuel Evans Sports Complex	464626	3759203	0.3700	0.0177	0.3700	0.0177
Highland Park	469688	3760652	1.8642	0.1764	1.8642	0.1764
Pico Park	469929	3764642	0.3736	0.0500	0.3736	0.0500
Terrace Hills Community Park	471505	3765259	0.8213	0.0737	0.8213	0.0737
Colony Park	473868	3768043	0.3414	0.0108	0.3414	0.0108
Veterans Park	470302	3768412	1.2415	0.0262	1.2415	0.0262
Boardwell Park- Stratton Recreation Center	467219	3758473	1.3327	0.0458	1.3327	0.0458
Memorial Park Pool	461162	3761428	0.3220	0.0153	0.3220	0.0153
Fiesta Village	472175	3767383	0.2439	0.0102	0.2439	0.0102
Villegas Community Center	463435	3756880	0.3481	0.0160	0.3481	0.0160
Box Springs Mountain Park	473294	3762625	1.3551	0.2196	1.3551	0.2196
Agua Mansa Cementery	469120	3767970	0.4946	0.0221	0.4946	0.0221
Mt. Rubidoux Park	463795	3760243	0.4960	0.0413	0.4960	0.0413
White Park	465157	3760068	0.3415	0.0197	0.3415	0.0197
Newman Park	465047	3759410	0.3930	0.0195	0.3930	0.0195
Loring Park	464441	3760787	0.3371	0.0194	0.3371	0.0194
Carlson Park	463994	3760913	0.3110	0.0204	0.3110	0.0204
Tequesquito Arroyo Park	463612	3759280	0.2266	0.0145	0.2266	0.0145
Bobby Bonds Park and Sports Complex	467197	3759038	1.1039	0.0496	1.1039	0.0496
Dario Vasquez Park	466614	3758777	1.0282	0.0459	1.0282	0.0459
Lincoln Park	466061	3759062	0.9132	0.0391	0.9132	0.0391
Andulka Park	467800	3757545	0.6327	0.0513	0.6327	0.0513
Swanson Park	467246	3756264	0.8872	0.0640	0.8872	0.0640
Castleview Park	468314	3754789	0.5727	0.0780	0.5727	0.0780
Westbluff Park	476063	3758158	0.3409	0.0372	0.3409	0.0372
Hidden Springs Community Park	475142	3759897	0.4673	0.0645	0.4673	0.0645
Leonardo Baily Park	478909	3766858	0.3208	0.0295	0.3208	0.0295
Hulda Crooks Park	477526	3766287	0.4366	0.0398	0.4366	0.0398
Elmer Digno Park	475999	3768285	0.4370	0.0204	0.4370	0.0204
Sun Park	477504	3769020	0.3865	0.0177	0.3865	0.0177
Mill Community Park	474728	3771344	0.2844	0.0086	0.2844	0.0086
Lytle Creek Park	471558	3772567	1.0771	0.0231	1.0771	0.0231
Viaduct Park	471218	3773351	0.8018	0.0230	0.8018	0.0230
Municipal Baseball Park	472840	3772824	1.1781	0.0167	1.1781	0.0167
Meadowbrook Fields	473998	3773085	0.5292	0.0148	0.5292	0.0148
Nunez Park	470079	3773918	0.4290	0.0210	0.4290	0.0210
Nicholson Park	467830	3773548	0.5984	0.0201	0.5984	0.0201

AES Highgrove

Table 3.1C-8 (Replaces Table 8.1C-9R, Data Response Set 1B)
Summary of Receptors and the Predicted PM10 and PM2.5 Impacts at Each Receptor

ISC Model Scenario: 80F 50%Load - Actual emissions for Gas Turbines and Cooling Towers - 24 hr and annual

Park Receptors
Date: November 28, 2006

	UTM (NAD 27)		Predicted PM10 Impact (ug/m3)		Predicted PM2.5 Impact (ug/m3)	
Name	**Easting (m)**	**Northing (m)**	**24-Hour**	**Annual**	**24-Hour**	**Annual**
Davis Park	468565	3771142	0.5921	0.0263	0.5921	0.0263
Margaret Todd Park	465257	3773356	0.5472	0.0128	0.5472	0.0128
Rialto City Park	465587	3773361	0.5818	0.0131	0.5818	0.0131
Anderson Park	464981	3771941	0.4720	0.0134	0.4720	0.0134
Rialto City Park	466120	3770743	0.6099	0.0160	0.6099	0.0160
George E Brown Jr Park	467002	3770536	0.8512	0.0196	0.8512	0.0196
Ayala Park	462678	3769688	0.3875	0.0179	0.3875	0.0179
Kessler Park	462974	3767297	0.5009	0.0234	0.5009	0.0234
Avalon Park	463822	3763811	0.4492	0.0314	0.4492	0.0314
Municipal Park	470968	3769859	1.1677	0.0225	1.1677	0.0225
Central Park	470657	3769894	1.1907	0.0242	1.1907	0.0242
Fleming Park	470144	3769830	0.4513	0.0235	0.4513	0.0235
Rich Dauer Park	472830	3767995	0.2291	0.0097	0.2291	0.0097
Riverside Sports Center	469295	3760024	0.9362	0.1046	0.9362	0.1046
Mount Vernon Park	470823	3760224	1.4636	0.1225	1.4636	0.1225
U C Riverside Stadium	469595	3759600	1.4544	0.1433	1.4544	0.1433
E T Patterson Park	467593	3759663	1.3730	0.0515	1.3730	0.0515
North Park	466079	3759752	0.6266	0.0316	0.6266	0.0316

AES Highgrove

Table 3.1C-9 (Replaces Table 8.1C-10R, Data Response Set 1B)

Summary of Receptors and the Predicted PM10 and PM2.5 Impacts at Each Receptor

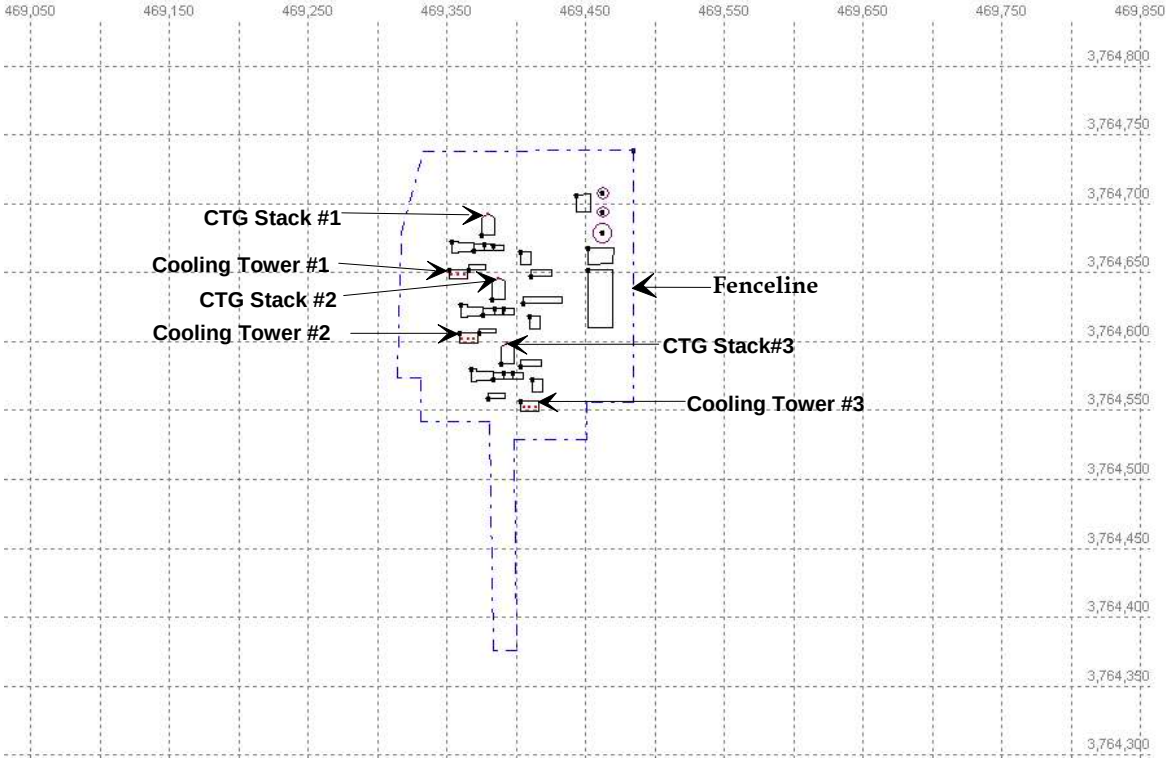
Source of Locations: EDR Offsite Receptor Report (January 20, 2006)

ISC Model Scenario: 80F 50%Load - Actual emissions for Gas Turbines and Cooling Towers - 24 hr and annual

Date: November 28, 2006

EDR Receptor Name	NAME	EDR Receptor Type	UTM (NAD 27) Easting* (m)	UTM (NAD 27) Northing* (m)	Predicted PM10 Impact (ug/m3) 24-Hour*	Predicted PM10 Impact (ug/m3) Annual*	Predicted PM2.5 Impact (ug/m3) 24-Hour*	Predicted PM2.5 Impact (ug/m3) Annual*
10	AZURE HILLS CHILDREN CENTER	Daycare	NA	NA	< 4.5	< 0.42	< 4.5	< 0.42
17	MY LITTLE SCHOOL HOUSE NURSERY	Daycare	NA	NA	< 4.5	< 0.42	< 4.5	< 0.42
L34	GATEWAY NURSEY SCHOOL	Daycare	NA	NA	< 4.5	< 0.42	< 4.5	< 0.42
L36	UNIVERSITY OF CALIFORNIA, RIVERSIDE CHILDRENS CTR.	Daycare	NA	NA	< 4.5	< 0.42	< 4.5	< 0.42
57	PRESBYTERIAN NURSERY SCHOOL	Daycare	NA	NA	< 4.5	< 0.42	< 4.5	< 0.42
99	ABC WONDERWORLD PRESCHOOL	Daycare	NA	NA	< 4.5	< 0.42	< 4.5	< 0.42
149	RUBIDOUX CHILD CARE CENTER	Daycare	NA	NA	< 4.5	< 0.42	< 4.5	< 0.42
AY167	FIRST BAPTIST DAY NURSERY	Daycare	NA	NA	< 4.5	< 0.42	< 4.5	< 0.42
AY168	IMMANUEL LUTHERAN PRESCHOOL	Daycare	NA	NA	< 4.5	< 0.42	< 4.5	< 0.42
169	THE GROWING PLACE	Daycare	NA	NA	< 4.5	< 0.42	< 4.5	< 0.42
182	RIALTO CHILD DEVELOPMENT CENTER	Daycare	NA	NA	< 4.5	< 0.42	< 4.5	< 0.42
196	JOYFUL NOISE	Daycare	NA	NA	< 4.5	< 0.42	< 4.5	< 0.42
218	YMCA/VICTORIA SCHOOL	Daycare	NA	NA	< 4.5	< 0.42	< 4.5	< 0.42
229	PEPPERCREEK PRESCHOOL	Daycare	NA	NA	< 4.5	< 0.42	< 4.5	< 0.42
231	GROWING PLACE, TOO, THE	Daycare	NA	NA	< 4.5	< 0.42	< 4.5	< 0.42

NA: Sites were listed in the EDR report but did not include an address or latitude/longitude. Assumed 24-hour and annual impacts are less than the maximum modeled impacts.

Figure 3.1C-1

AESH Facility Layout Used for ISCST3 Modeling