

TABLE 4.5-34
SUMMARY OF HEALTH RISKS FOR PG&E FOSSIL FUELED POWER PLANTS

Plant	Existing Conditions ^a			1999 Baseline ^b			1999 A-Max ^b			2005 Cumulative A-Max ^b		
	Cancer Risks ^d (in a million)	Hazard Index ^c Chronic	Hazard Index ^c Acute	Cancer Risks (in a million)	Hazard Index ^c chronic	Hazard Index ^c acute	Cancer Risks ^d (in a million)	Hazard Index ^c chronic	Hazard Index ^c acute	Cancer Risks ^d (in a million)	Hazard Index ^c chronic	Hazard Index ^c Acute
Potrero	0.17	0.02	0.2	0.17	0.02	0.2	0.23	0.03	0.2	0.28	0.035	0.2
Contra Costa	0.03	0.01	0.02	0.04	0.01	0.02	0.05	0.02	0.02	0.04	0.02	0.02
Pittsburg	0.1	0.01	0.01	0.13	0.02	0.01	0.17	0.03	0.01	0.14	0.02	0.01

a Cancer risks and Hazard Indices are based on the results reported in Pacific Gas and Electric Company Air Toxics Hot Spots Risk Assessments (1993), adjusted to existing emissions.

b Risks are adjusted to projected 1999 and 2005 emissions.

c Hazard index is the ratio of the maximum exposure level and the reference dose of each toxic substance. The reference dose is the level with no observed health effect. A hazard index less than 1.0 indicates no health effect.

d The significance threshold for incremental cancer risk is 10 in a million, based on BAAQMD Guidelines.

SOURCE: Environmental Science Associates