TABLE 4.3.1
ACTIVE AND POTENTIALLY ACTIVE FAULTS NEAR SDG&E POWER PLANTS AND COMBUSTION TURBINES

Facility	Fault	Trend	Closest Segment (miles)	Recency of Movement	MCE[a]	MPE[b]
Encina Power Plant	Offshore Zone of Deformation	NNW	2.5	Holocene	7.0	6.5
	Whittier-Elsinore	NNW	24.0	Historic	7.5	7.2
South Bay Power Plant	Rose Canyon	NNW	9.0	Holocene	7.0	6.5
	La Nacion[c]	NNW	3.0	Late Pleistocene	6.8	NA
	Coronado Bank	NNW	12.0	Holocene	7.0	6.2
	Whittier-Elsinore	NNW	44.0	Historic	7.5	7.2
Naval Station CT	Rose Canyon	NNW	3.5	Holocene	7.0	6.5
	Whittier-Elsinore	NNW	42.0	Historic	7.5	7.2
Division Substation CT	Rose Canyon	NNW	3.5	Holocene	7.0	6.5
	Whittier-Elsinore	NNW	42.0	Historic	7.5	7.2
Naval Training Center CT	Rose Canyon	NNW	1.3	Holocene	7.0	6.5
	Point Loma[c]	NW	1.1	Late Pleistocene	5.5	NA
	Whittier-Elsinore	NNW	43.0	Historic	7.5	7.2
North Island Naval Air Station CTs	Rose Canyon	NNW	1.7	Holocene	7.0	6.5
	Spanish Bight[c]	NE	0.0	Late Pleistocene	6.5	NA
	Point Loma[c]	NNW	1.9	Late Pleistocene	6.5	NA
	Whittier-Elsinore	NNW	44.5	Historic	7.5	7.2
Kearny Construction and Operation Center CTs	Rose Canyon	NNW	4.9	Holocene	7.0	6.5
	Whittier-Elsinore	NNW	34.0	Historic	7.5	7.2
Miramar Yard CTs	Rose Canyon	NNW	4.5	Holocene	7.0	6.5
	Whittier-Elsinore	NNW	34.0	Historic	7.5	7.2
El Cajon Substation CT	Rose Canyon	NNW	13.0	Holocene	7.0	6.5
	Whittier-Elsinore	NNW	30.0	Historic	7.5	7.2
24th Street Terminal Refueling Facility	Rose Canyon	NNW	6.0	Holocene	7.0	6.5
	La Nacion[c]	NNW	3.0	Late Pleistocene	6.8	NA
	Coronado Bank	NNW	12.0	Holocene	7.0	6.2
	Whittier-Elsinore	NNW	44.0	Historic	7.5	7.2

[a] MCE = Maximum Credible Earthquake Magnitude; an estimate of the largest earthquake judged by geologic studies capable of occurring on a fault or segment of a fault.

[b] MPE = Maximum Probable Earthquake Magnitude; an estimate of the largest earthquake judged by geologic studies capable of occurring on a fault during a design period.

[c] Potentially active fault (known movement during Pleistocene, but not during Holocene). Potentially active faults are only presented maximum credible earthquakes. They are not presented for maximum probable earthquakes.

SOURCES: Wesnousky, S.G., 1986, Earthquakes, Quaternary Faults and Seismic hazards in California, in Journal of Geophysical Research, Vol. 91, No. B12; Greensfelder, R.W., 1974, Maximum Credible Rock Accelerations from Earthquakes in California, California Division of Mines and Geology, Map Sheet 23; Ploessel, M.R. and Slosson, J.E., 1974, Repeatable High Ground Accelerations from Earthquakes, Important Design Criteria, Division of Mines and Geology: California Geology, September 1974; and References.