TABLE 4.3.1:   ACTIVE AND POTENTIALLY ACTIVE EARTHQUAKE FAULTS NEAR EDISON'S POWER PLANTS

Generating Station	Fault	Trend	Closest Segment	Last Movement	Activity Status[a]	MCE[b]	Prob. of g force >0.2[c]
Alamitos	Cabrillo	NNW	7 mi. SW	Holocene	Active	6.2	25-50%
	Los Alamitos	NNW	4 mi. E	Quaternary	P. Active		
	Newport-Inglewood	NNW	0.5 mi. E	Historic	EFZ	6.8-6.9	
	Palos Verdes	NW	4 mi. SW	Holocene	Active	7.1	
Cool Water	Calico	NW	5 mi. N	Holocene	Active		<25%
	Calico	N	7 mi. E	Historic (1992)	EFZ	7.2	
	Camp Rock	NW	4 mi. S	Holocene	Active		
	Camp Rock	NW	12 mi. S	Historic (1992)	EFZ	6.7	
	Harper Lake	NW	7 mi. NW	Late Quaternary	P. Active	7.0	
	Lenwood	NW	8 mi. SW	Holocene	EFZ	7.2	
	Mt. General	NW	11 mi. W	Quaternary	P. Active		
	Mt. General	NW	17 mi. NW	Holocene	Active		
	Unnamed	SW	10 mi. E	Historic (1992)	Active		
Ellwood	Mesa-Rincon/ Lavigia	WNW	6 mi. E	Late Quaternary	P. Active	7.5	50-60%
	Mission Ridge/San Jose	W	2 mi. N	Late Quaternary	P. Active	7.5	
	More Ranch	W	0.5 mi. N	Late Quaternary	P. Active	7.5	
El Segundo	Charnock	NNW	3 mi. E	Quat./L. Quat.	P. Active	6.2	25-50%
	Cabrillo	NNW	10 mi. S	Late Quaternary	P. Active		
	Cabrillo	NNW	20 mi. S	Holocene	Active	6.2	
	Malibu/ Santa Monica	W	12 mi. N	Historic	Active	7.5	
	Newport-Inglewood	NNW	6 mi. E	Historic	EFZ	6.8-6.9	
	Palos Verdes	NW	3 mi. SW	Quat./L. Quat.	P. Active		
	Palos Verdes	NW	15 mi. SSE	Holocene	Active	7.1	
	Redondo Canyon	W	6 mi. S	Holocene	Active	6.4	(Continued)

Power Plant	Fault	Trend	Closest Segment	Last Movement	Activity Status[a]	MCE[b]	Prob. of *g* force >0.2[c]
Etiwanda	Cucamonga	W	6 mi. N	Holocene	EFZ	7.0	60-75%
	Fontana (inferred)	NE	4 mi. E	Late Quaternary	P. Active		
	Indian Hill	W	10 mi. NW	Late Quaternary	P. Active		
	Red Hill	SW	5 mi. N	Hol./L. Quat.	Active	6.5	
	Rialto-Colton	NW	10 mi. E	Late Quaternary	P. Active		
	San Andreas	NW	15 mi. E	Historic (1812)	EFZ	7.3	28%
	San Jacinto	NNW	10 mi. E	Historic (1899)	EFZ	6.9	37%
	San Jose	ENE	10 mi. W	Late Quaternary	P. Active	6.7	
Highgrove	Banning	NW	10 mi. E	Late Quaternary	P. Active		60-75%
	Crafton Hills	NE	7 mi. E	L. Quat./Hol.	P. A./Active		
	Cucamonga	W	14 mi. NW	Holocene	EFZ	7.0	
	Fontana (inferred)	NE	10 mi. NW	Late Quaternary	P. Active		
	Indian Hill	W	10 mi. NW	Late Quaternary	P. Active		
	Red Hill	SW	16 mi. NW	Holocene	Active	6.5	
	Rialto-Colton	NW	3 mi. NE	Late Quaternary	P. Active		
	San Andreas	NW	12 mi. NE	Historic (1812)	EFZ	7.3	28%
	San Jacinto	NNW	6 mi. E	Historic (1899)	EFZ	6.9	37%
Huntington Beach	Laguna Canyon	N	10 mi. SE	Quaternary	P. Active		25-50%
	Los Alamitos	NW	5 mi. E	Pre-Quaternary	Unknown		
	Newport-Inglewood	NW	1 mi. E	Historic	EFZ	6.8-6.9	
	Palos Verdes	NW	11 mi. W	Historic	Active	7.1	
	Pelican Hill	NW	7 mi. SE	Late Quaternary	P. Active		
	Temple Hill	W	13 mi. SE	Quaternary	P. Active		(Continued)

Power Plant	Fault	Trend	Closest Segment	Last Movement	Activity Status[a]	MCE[b]	Prob. of *g* force >0.2[c]
Long Beach	Cabrillo	NNW	5 mi. SW	Holocene	Active	6.2	25-50%
	Los Alamitos	NNW	9 mi. E	Late Quaternary	P. Active		
	Newport-Inglewood	NNW	4 mi. E	Historic	EFZ	6.8-6.9	
	Palos Verdes	NW	2 mi. SW	Holocene	Active	7.1	
	Redondo Canyon	W	13 mi. NW	Holocene	Active	6.4	
Mandalay	Bailey	SW	12 mi. S	Late Quaternary	P. Active	6.0	50-60%
	Boney Mountain	WSW	16 mi. SE	Late Quaternary	P. Active	6.5	
	Oak Ridge	W	0.5 mi. N	Late Quaternary	P. Active	6.0-6.5	
	Port Hueneme	SW	5 mi. S	Pre-Quaternary	Unknown		
	Red Mountain	W	11 mi. N	Historic	EFZ	7.0	
	Simi-Santa Rosa	W	6 mi. E	Late Quaternary	P. Active	7.0	
	Sycamore Canyon	WSW	12 mi. SE	Late Quaternary	P. Active	6.5	
	Ventura	W	6 mi. N	Holocene	EFZ	7.3	
Ormond Beach	Bailey	SW	5 mi. S	Late Quaternary	P. Active	6.0	50-60%
	Boney Mountain	WSW	9 mi. E	Late Quaternary	P. Active	6.5	
	Oak Ridge	W	10 mi. N	Late Quaternary	P. Active	6.0-6.5	
	Port Hueneme	SW	2 mi. NW	Pre-Quaternary	Unknown		
	Red Mountain	W	18 mi. N	Historic	EFZ	7.0	
	Santa Cruz Island	W	12 mi. SW	Holocene	Active	6.9	
	Simi-Santa Rosa	W	7 mi. NE	Late Quaternary	P. Active	7.0	
	Sycamore Canyon	WSW	5 mi. E	Late Quaternary	P. Active	6.5	
	Ventura	W	15 mi. N	Holocene	EFZ	7.3	(Continued)

TABLE 4.3.1:   ACTIVE AND POTENTIALLY ACTIVE EARTHQUAKE FAULTS NEAR EDISON'S POWER PLANTS (Continued)

Power Plant	Fault	Trend	Closest Segment	Last Movement	Activity Status[a]	MCE[b]	Prob. of *g* force >0.2[c]
Redondo	Cabrillo	NNW	6 mi. S	L. Quat./Hol.	P.A./Active	6.2	25-50%
	Charnock	NNW	5 mi. NE	Quat./L. Quat.	P. Active	6.2	
	Newport-Inglewood	NNW	10 mi. E	Historic	EFZ	6.9-6.8	7.0%-6.0%
	Palos Verdes	NW	2 mi. S	Quat./L. Quat.	P. Active	7.1	3.00%
	Redondo Canyon	W	2.5 mi. SW	Holocene	Active	6.4	
San Bernardino	Arrowhead	NW	8 mi. NE	Quaternary	P. Active		60-75%
	Banning	NW	2 mi. S	Late Quaternary	P. Active		
	Crafton Hills	NE	4 mi. SE	L. Quat./Hol.	P. A./Active		
	Cucamonga	W	14 mi. NW	Holocene	EFZ	7.0	
	Fontana (inferred)	NE	13 mi. W	Late Quaternary	P. Active		
	Mill Creek	NW	7 mi. NE	Late Quaternary	P. Active		
	Rialto-Colton	NW	5 mi. W	Late Quaternary	P. Active		
	San Andreas	NW	4 mi. NE	Historic (1812)	EFZ	7.3	28%
	San Jacinto	NNW	5 mi. SW	Historic	EFZ	6.9	37%

NOTES:

a. Activity status is determined by recency of movement and other factors.

        Potentially Active=Evidence of displacement in the last 1.7 million years (Late Quaternary).

        Active=Last 11,000 years (Holocene) or last 200 years (Historic).

        EFZ=a nearby fault segment is a designated Earthquake Fault Zone under the Alquist-Priolo Act.

b. MCE= Maximum Credible Earthquake, the estimated largest magnitude earthquake the fault is capable of generating.

c. The 30-year probability of an earthquake generating a peak horizontal ground acceleration

        exceeding 0.2 *g*-force at the power plant, assuming a hard rock or stiff soil site.