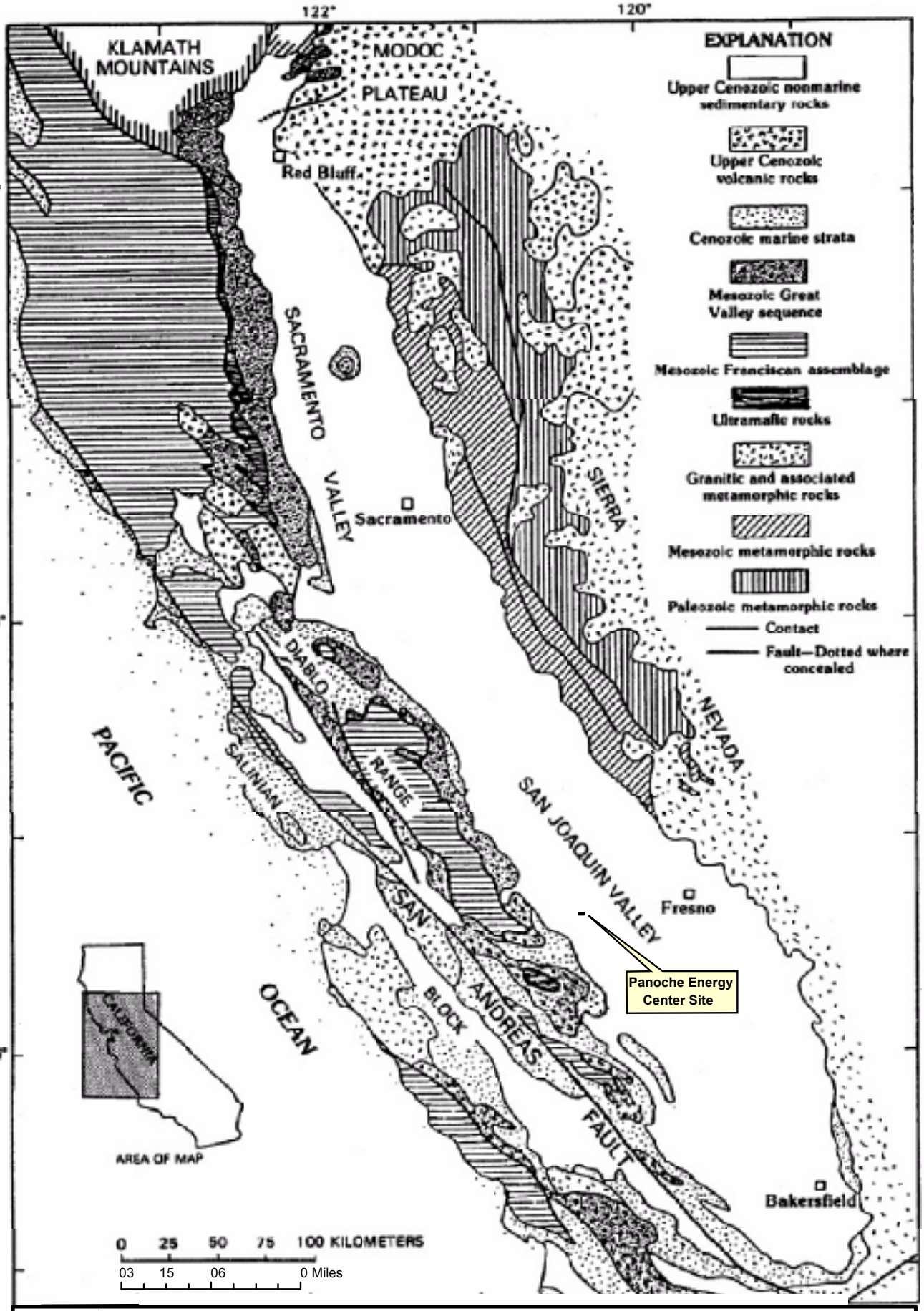
ATTACHMENT E

TABLE E1

SIGNIFICANT FAULTS LOCATED WITHIN 100 MILES OF PEC SITE

Abbreviated Fault Name	Approximate Distance (mi [km])	Maximum EQ Magnitude (Mw)	Peak Site Acceleration (g)	Est. Site Intensity (Mod. Merc.)
Great Valley 11	5.3 (8.5)	6.4	0.363	IX
Great Valley 10	5.7 (9.2)	6.4	0.345	IX
Great Valley 9	14.9 (23.9)	6.6	0.174	VIII
Great Valley 12	15.0 (24.1)	6.3	0.156	VIII
Ortigalita	19.4 (31.2)	6.9	0.125	VII
Great Valley 13	24.8 (39.9)	6.5	0.107	VII
San Andreas (creeping)	28.2 (45.4)	6.5	0.077	VII
Calaveras (south of Calaveras Res)	33.1 (53.2)	6.2	0.051	VI
Quien Sabe	35.7 (57.4)	6.4	0.059	VI
Great Valley 8	38.1 (61.3)	6.6	0.075	VII
Great Valley 14	43.1 (69.3)	6.4	0.061	VI
San Andreas - Parkfield Segment	44.9 (72.2)	6.7	0.054	VI
San Andreas - 1857 Rupture	44.9 (72.2)	7.8	0.094	VII
Rinconada	47.5 (76.4)	7.3	0.070	VI
Zayante-Vergeles	49.7 (80.0)	6.8	0.052	VI
Sargent	50.2 (80.8)	6.8	0.052	VI
Foothills Fault System	52.3 (84.2)	6.5	0.053	VI
San Andreas (1906)	52.4 (84.4)	7.9	0.088	VII
San Andreas (Pajaro)	52.4 (84.4)	6.8	0.050	VI
Monterey Bay - Tularcitos	55.7 (89.6)	7.1	0.069	VI
Great Valley 7	62.9 (101.3)	6.7	0.050	VI
San Andreas - Cholame	64.4 (103.7)	6.9	0.043	VI

Abbreviated Fault Name	Approximate Distance (mi [km])	Maximum EQ Magnitude (Mw)	Peak Site Acceleration (g)	Est. Site Intensity (Mod. Merc.)
San Andreas (Santa Cruz Mountain)	64.9 (104.5)	7.0	0.045	VI
San Juan	69.0 (111.1)	7.0	0.043	VI
Hosgri	71.0 (114.3)	7.3	0.050	VI
Palo Colorado - Sur	71.9 (115.7)	7.0	0.041	V
Greenville	73.7 (118.6)	6.9	0.038	V
Hayward (southeast extension)	76.2 (122.6)	6.4	0.027	V
Monte Vista - Shannon	78.9 (126.9)	6.8	0.042	VI
San Andreas (peninsula)	86.7 (139.5)	7.1	0.037	V
San Gregorio	86.7 (139.5)	7.3	0.042	VI
Calaveras (north of Calaveras Res)	87.2 (140.3)	6.8	0.031	V
Hayward (total length)	87.2 (140.3)	7.1	0.037	V
Hayward (South)	87.2 (140.3)	6.9	0.033	V
Great Valley 6	90.6 (145.8)	6.7	0.035	V
Los Osos	94.0 (151.3)	6.8	0.036	V
San Luis Range (S. Margin)	96.3 (154.9)	7.0	0.040	V



REFERENCE: Rymer, M.J., and W.L. Ellsworth,editors. 1990. The Coalinga, California, Earthquake of May 2, 1983. U.S. Geological Survey Professional Paper 1487

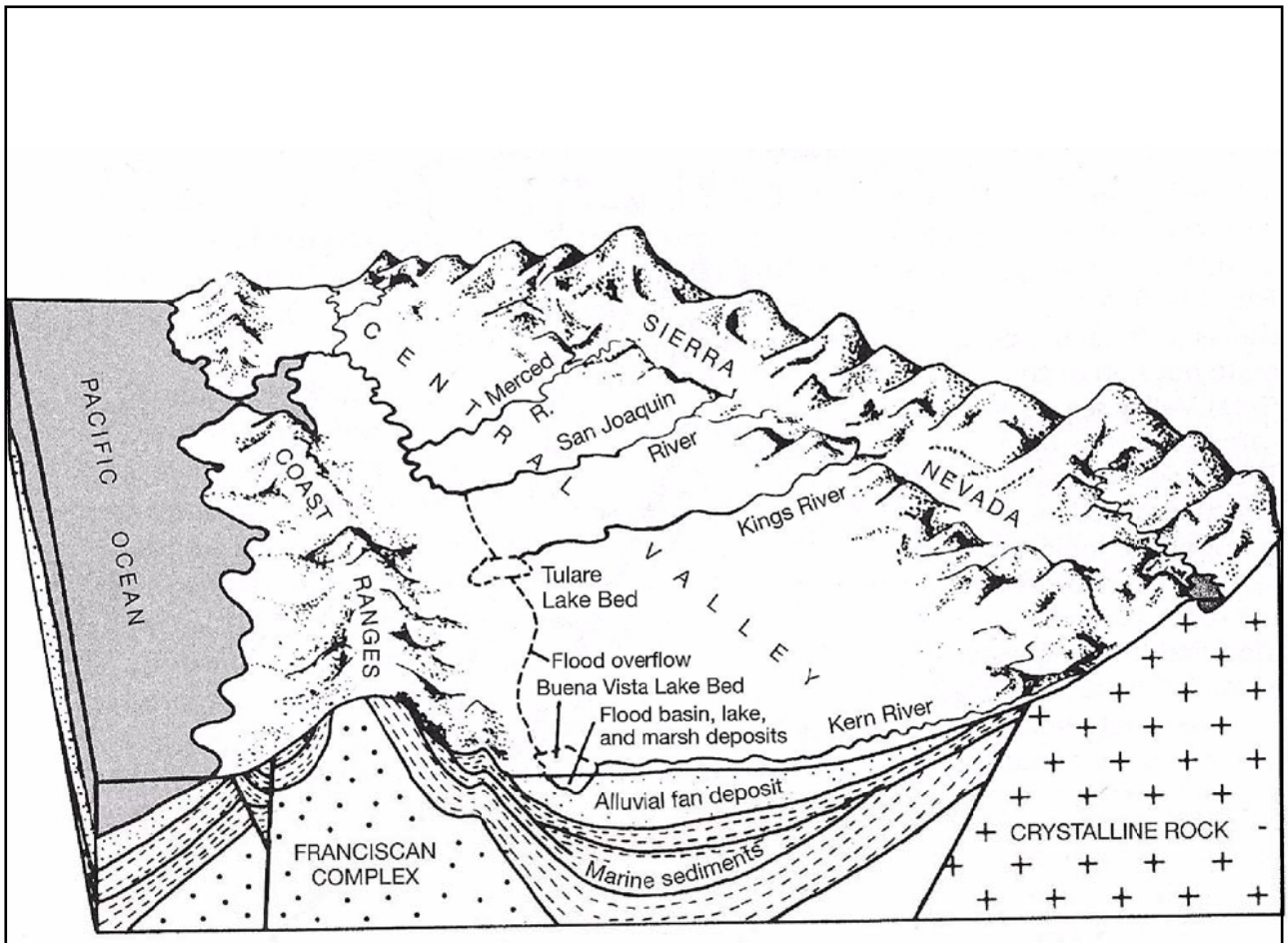
REGIONAL GEOLOGIC MAP
PROPOSED PANOCHE ENERGY CENTER

URS

2000 0 2000 4000 Feet

SCALE: 1" = 4000' (1:48,000)

CREATED BY: DH	DATE: 08-18-06	FIG. NO:
PM:	PROJ. NO: 28906795.00200	E1



N

Source: Harden, 1998

SCHEMATIC CROSS_SECTION, SAN JOAQUIN BASIN
PROPOSED PANOCHE ENERGY CENTER

URS	Not to scale	CREATED BY: DH	DATE: 08-18-06	FIG. NO:
		PM:	PROJ. NO: 28906795.00200	**E2**