

05JUL91

ENVIRONMENTAL RADIOLOGICAL MONITORING PROGRAM SUMMARY
 Docket Nos. 50-206, 50-361, 50-362
 Reporting period: January 1, 1976 to December 31, 1976

Medium or Pathway Sampled (Unit of Measurement)	Type and Total Number of Analyses Performed	Lower Limit of Detection (LLD)	All Indicator Locations Mean(f) Range	Location with Highest Annual Mean Name, Distance and Direction	Annual Mean Mean(f) Range	Control Locations Mean(f) Range	Number of Nonroutine Reported Measurements
Table 1A Direct Radiation Quarterly Composite (millirem)							
Gamma Exposure	276	5.0000	29.662(50/268) (21.600-41.500)	Camp San Mateo Camp Pen. 3.5 mi. N	36.200(3/ 4) (32.700-39.500)	<LLD (0/ 8)	0
Table 1B Direct Radiation Annual Composite (millirem)							
Gamma Exposure	69	5.0000	81.000(12/ 67) (59.000-104.00)	Huntington Beach Generating Station 37 mi. NW	104.00(1/ 1) (104.00-104.00)	<LLD (0/ 2)	0
Table 2 Airborne Weekly Composite (pCi/cu.m)							
Gross Beta	530	0.0011	0.0710(94/477) (0.004- 0.700)	Huntington Beach Generating Station 37 mi. NW	0.0988(49/ 53) (0.012- 0.860)	0.0988(49/ 53) (0.012- 0.860)	0
Table 3 Airborne Weekly Composite (pCi/cu.m)							
I-131	530	0.0430	<LLD (0/477)	ALL <LLD	-----	<LLD (0/ 53)	0

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Table 4A Airborne Quarterly Composite (pCi/cu.m)							
Be-7	16	0.0540	0.1516(12/ 12) (0.099- 0.260)	Huntington Beach Generating Station 37 mi. NW	0.1775(4/ 4) (0.100- 0.230)	0.1775(4/ 4) (0.100- 0.230)	0
Ce-141	16	0.0010	0.0420(3/ 12) (0.031- 0.049) (0.004- 0.007)	Huntington Beach Generating Station 37 mi. NW Visitors Center 0.2 mi. NNE	0.0490(1/ 4) (0.049- 0.049) (0.007- 0.007)	0.0490(1/ 4) (0.049- 0.049)	0
Co-58	16	0.0010	<LLD (0/ 12)	ALL <LLD	-----	<LLD (0/ 4)	0
Co-60	16	0.0010	0.0020(1/ 12) (0.002- 0.002)	NE Site Boundary Visitors Center 0.2 mi. NNE	0.0020(1/ 4) (0.002- 0.002)	<LLD (0/ 4)	0
Cs-134	16	0.0010	<LLD (0/ 12)	ALL <LLD	-----	<LLD (0/ 4)	0
Cs-137	16	0.0010	<LLD (0/ 12)	ALL <LLD	-----	<LLD (0/ 4)	0

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Table 4A Airborne Quarterly Composite (pCi/cu.m)								
	Ru-103	16	0.0010	0.0223(3/ 12) (0.021- 0.023)	NE Site Boundary Visitors Center 0.2 mi. NNE	0.0230(1/ 4) (0.023- 0.023)	0.0230(1/ 4) (0.023- 0.023)	0
	Zr(Nb)-95	16	0.0010	0.0577(3/ 12) (0.041- 0.072)	NE Site Boundary Visitors Center 0.2 mi. NNE	0.0720(1/ 4) (0.072- 0.072)	0.0650(1/ 4) (0.065- 0.065)	0
Table 4C Airborne Quarterly Composite (pCi/cu.m)								
	Gross Alpha	44	0.0003	0.0008(12/ 40) (0.000- 0.002)	San Clemente City SDG&E Offices 5.5 mi. NW	0.0009(4/ 4) (0.000- 0.002)	0.0006(4/ 4) (0.000- 0.001)	0
	Sr-90	44	0.0030	<LLD (0/ 40)	ALL <LLD	-----	<LLD (0/ 4)	0
Table 5 Ocean Water Monthly Composite (pCi/l)								
	Co-58	12	4.9000	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 6)	0
	Co-60	12	5.3000	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 6)	0
	Cs-134	12	4.6000	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 6)	0
	Cs-137	12	3.7000	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 6)	0
	Fe-59	12	8.8000	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 6)	0
Table 5 Ocean Water Monthly Composite (pCi/l)								
	I-131	12	25.500	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 6)	0
	Mn-54	12	3.7000	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 6)	0
	Zn-65	12	7.6000	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 6)	0

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Table 5 Ocean Water Monthly Composite (pCi/l)								
	Zr(Nb)-95	12	7.3000	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 6)	0
Table 6 Ocean Water Bi-Monthly Composite (pCi/l)								
	Tritium	24	105.00	1030.0(6/ 18) (820.00-1160.0)	Station Discharge Outfall - Unit 1 0.5 mi. SSW	1030.0(6/ 6) (820.00-1160.0)	1021.7(6/ 6) (780.00-1170.0)	0
Table 7 Ocean Water Quarterly Composite (pCi/l)								
	Tritium	8	102.00	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 2)	0
Table 9B Drinking Water Monthly Composite (pCi/l)								
	Gross Alpha	36	0.2110	0.4000(2/ 24) (0.400- 0.400)	San Clemente Golf Course Well 3.5 mi. NNW	0.4000(2/ 12) (0.400- 0.400)	<LLD (0/ 12)	0
	Gross Beta	36	0.7380	1.0917(24/ 24) (0.300- 2.200)	Tri-Cities Munic. Water Dist. Res. 8.7 mi. NW	1.4250(12/ 12) (0.700- 2.200)	1.1750(12/ 12) (0.300- 2.600)	0
Table 9C Drinking Water Monthly Composite (pCi/l)								
	Gross Alpha	36	0.4430	3.2500(4/ 24) (2.000- 4.000)	Tri-Cities Munic. Water Dist. Res. 8.7 mi. NW	3.2500(4/ 12) (2.000- 4.000)	<LLD (0/ 12)	0
	Gross Beta	36	1.4750	13.442(24/ 24) (7.000-25.000)	Tri-Cities Munic. Water Dist. Res. 8.7 mi. NW	16.667(12/ 12) (10.000-25.000)	9.9833(12/ 12) (5.000-16.000)	0

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Table 9D Drinking Water Quarterly Composite (pCi/l)							
Gross Alpha	12	0.2110	0.3000(1/ 8) (0.300- 0.300)	San Clemente Golf Course Well 3.5 mi. NNW	0.3000(1/ 4) (0.300- 0.300)	<LLD (0/ 4)	0
Gross Beta	12	0.7380	1.1000(8/ 8) (0.400- 1.900)	Tri-Cities Munic. Water Dist. Res. 8.7 mi. NW	1.5000(4/ 4) (1.000- 1.900)	0.8750(4/ 4) (0.700- 1.000)	0
Table 9E Drinking Water Quarterly Composite (pCi/l)							
Ba(La)-140	12	37.400	<LLD (0/ 8)	ALL <LLD	-----	<LLD (0/ 4)	0
Co-58	12	5.1000	<LLD (0/ 8)	ALL <LLD	-----	<LLD (0/ 4)	0
Co-60	12	5.4000	<LLD (0/ 8)	ALL <LLD	-----	<LLD (0/ 4)	0
Cs-134	12	4.6000	<LLD (0/ 8)	ALL <LLD	-----	<LLD (0/ 4)	0
Cs-137	12	3.7000	<LLD (0/ 8)	ALL <LLD	-----	<LLD (0/ 4)	0
Table 9E Drinking Water Quarterly Composite (pCi/l)							
Fe-59	12	9.5000	<LLD (0/ 8)	ALL <LLD	-----	<LLD (0/ 4)	0
Gross Alpha	12	0.6320	3.0000(1/ 8) (3.000- 3.000)	Tri-Cities Munic. Water Dist. Res. 8.7 mi. NW	3.0000(1/ 4) (3.000- 3.000)	<LLD (0/ 4)	0
Gross Beta	12	0.6990	14.125(8/ 8) (10.000-22.000)	Tri-Cities Munic. Water Dist. Res. 8.7 mi. NW	17.500(4/ 4) (11.000-22.000)	9.0000(4/ 4) (7.000-11.000)	0
H-3	12	102.00	250.00(4/ 8) (100.00-400.00)	Tri-Cities Munic. Water Dist. Res. 8.7 mi. NW	300.00(3/ 4) (200.00-400.00)	100.00(1/ 4) (100.00-100.00)	0
I-131	12	0.5100	<LLD (0/ 8)	ALL <LLD	-----	<LLD (0/ 4)	0
Mn-54	12	3.7000	<LLD (0/ 8)	ALL <LLD	-----	<LLD (0/ 4)	0
Zn-65	12	7.7000	<LLD (0/ 8)	ALL <LLD	-----	<LLD (0/ 4)	0

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Table 9E Drinking Water Quarterly Composite (pCi/l)							
	Zr(Nb)-95	12	7.7000	<LLD (0/ 8)	ALL <LLD	----- <LLD (0/ 4)	0
Table 10 Shoreline Sediment Semi-Annual Composite (pCi/g)							
	Co-58	8	0.0090	<LLD (0/ 6)	ALL <LLD	----- <LLD (0/ 2)	0
	Co-60	8	0.0090	<LLD (0/ 6)	ALL <LLD	----- <LLD (0/ 2)	0
	Cs-134	8	0.0080	<LLD (0/ 6)	ALL <LLD	----- <LLD (0/ 2)	0
	Cs-137	8	0.0070	0.0143(3/ 6) (0.012- 0.016)	San Onofre Surfing Beach 0.9 mi. NW	0.0155(2/ 2) (0.015- 0.016) 0.0150(1/ 2) (0.015- 0.015)	0
	Fe-59	8	0.0170	<LLD (0/ 6)	ALL <LLD	----- <LLD (0/ 2)	0
Table 10 Shoreline Sediment Semi-Annual Composite (pCi/g)							
	I-131	8	0.0690	<LLD (0/ 6)	ALL <LLD	----- <LLD (0/ 2)	0
	Mn-54	8	0.0070	<LLD (0/ 6)	ALL <LLD	----- <LLD (0/ 2)	0
	Ra-226	8	0.0130	0.6167(6/ 6) (0.260- 1.530)	San Onofre Surfing Beach 0.9 mi. NW	1.0550(2/ 2) (0.580- 1.530) 0.4200(2/ 2) (0.400- 0.440)	0
	Zn-65	8	0.0140	<LLD (0/ 6)	ALL <LLD	----- <LLD (0/ 2)	0
Table 10 Shoreline Sediment Semi-Annual Composite (pCi/g)							
	Zr(Nb)-95	8	0.0140	<LLD (0/ 6)	ALL <LLD	----- <LLD (0/ 2)	0

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Table 11 Ocean Bottom Sediments Semi-Annual Composite (pCi/g)								
	Co-58	9	0.0080	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 3)	0
	Co-60	9	0.0080	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 3)	0
	Cs-134	9	0.0070	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 3)	0
	Cs-137	9	0.0060	0.0480(5/ 6) (0.028- 0.070)	Unit 1 Outfall 0.6 mi. W	0.0540(2/ 3) (0.038- 0.070)	<LLD (0/ 3)	0
	Fe-59	9	0.0150	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 3)	0
Table 11 Ocean Bottom Sediments Semi-Annual Composite (pCi/g)								
	I-131	9	0.0170	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 3)	0
	Mn-54	9	0.0060	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 3)	0
	Ra-226	9	0.0120	0.5250(6/ 6) (0.160- 0.740)	Unit 1 Outfall 0.8 mi. SSW	0.5667(3/ 3) (0.390- 0.720)	0.2200(3/ 3) (0.170- 0.250)	0
	Zn-65	9	0.0120	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 3)	0
Table 11 Ocean Bottom Sediments Semi-Annual Composite (pCi/g)								
	Zr(Nb)-95	9	0.0120	<LLD (0/ 6)	ALL <LLD	-----	<LLD (0/ 3)	0
Table 12A Non-Migratory Marine Quarterly Composite (pCi/g) (flesh type)								
black perch	Co-58	8	0.0070	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
black perch	Co-60	8	0.0050	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
black perch	Cs-134	8	0.0040	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
black perch	Cs-137	8	0.0010	0.0102(4/ 4) (0.008- 0.012)	Newport Beach 18.2 mi. NW	0.0115(4/ 4) (0.010- 0.013)	0.0115(4/ 4) (0.010- 0.013)	0
black perch	Fe-59	8	0.0090	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0

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Table 12A Non-Migratory Marine Quarterly Composite (pCi/g) (flesh type)							
black perch	H-3 Bound	8 1.4000	10.900(3/ 4) (3.200-26.000)	Unit 1 Outfall 0.9 mi. WSW	10.900(3/ 4) (3.200-26.000)	9.4000(3/ 4) (1.400-20.000)	0
black perch	I-131	8 0.0150	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
black perch	Mn-54	8 0.0030	<LLD (0/ 4) (0.006- 0.006)	Unit 1 Outfall 0.9 mi. WSW	(0.006- 0.006)	<LLD (0/ 4)	0
Table 12A Non-Migratory Marine Quarterly Composite (pCi/g) (flesh type)							
black perch	Sr-90	8 0.0200	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
black perch	Zn-65	8 0.0070	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
black perch	Zr(Nb)-95	8 0.0070	<LLD (0/ 4) (0.116- 0.116)	Unit 1 Outfall 0.9 mi. WSW	(0.116- 0.116)	<LLD (0/ 4)	0
cancer crab	Co-58	2 0.0070	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
Table 12A Non-Migratory Marine Quarterly Composite (pCi/g) (flesh type)							
cancer crab	Co-60	2 0.0050	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
cancer crab	Cs-134	2 0.0040	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
cancer crab	Cs-137	2 0.0010	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
cancer crab	Fe-59	2 0.0090	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
cancer crab	H-3 Bound	2 1.4000	14.000(1/ 1) (14.000-14.000)	Unit 1 Outfall 0.9 mi. WSW	14.000(1/ 1) (14.000-14.000)	1.4000(1/ 1) (1.400- 1.400)	0
cancer crab	I-131	2 0.0150	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
cancer crab	Mn-54	2 0.0030	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0

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Table 12A								
Non-Migratory Marine Quarterly Composite (pCi/g) (flesh type)								
cancer crab	Sr-90	2	0.0200	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
cancer crab	Zn-65	2	0.0070	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
cancer crab	Zr(Nb)-95	2	0.0070	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
lobster	Ag-110m	4	0.0030	0.1155(2/ 2) (0.095- 0.136)	Unit 1 Outfall 0.9 mi. WSW	0.1155(2/ 2) (0.095- 0.136)	0.0090(1/ 2) (0.009- 0.009)	0
Table 12A								
Non-Migratory Marine Quarterly Composite (pCi/g) (flesh type)								
lobster	Co-58	4	0.0070	0.0070(1/ 2) (0.007- 0.007)	Unit 1 Outfall 0.9 mi. WSW	0.0070(1/ 2) (0.007- 0.007)	<LLD (0/ 2)	0
lobster	Co-60	4	0.0050	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
lobster	Cs-134	4	0.0040	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
lobster	Cs-137	4	0.0010	0.0095(1/ 2) (0.010- 0.010)	Unit 1 Outfall 0.9 mi. WSW	0.0095(1/ 2) (0.010- 0.010)	0.0075(2/ 2) (0.006- 0.009)	0
lobster	Fe-59	4	0.0090	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
Table 12A								
Non-Migratory Marine Quarterly Composite (pCi/g) (flesh type)								
lobster	H-3 Bound	4	1.4000	22.050(2/ 2) (6.100-38.000)	Unit 1 Outfall 0.9 mi. WSW	22.050(2/ 2) (6.100-38.000)	2.9500(2/ 2) (1.900- 4.000)	0
lobster	I-131	4	0.0150	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
lobster	Mn-54	4	0.0030	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
lobster	Sr-90	4	0.0200	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0

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Table 12A Non-Migratory Marine Quarterly Composite (pCi/g) (flesh type)								
lobster	Zn-65	4	0.0070	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
lobster	Zr(Nb)-95	4	0.0070	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
				(0.030- 0.290)	Unit 1 Outfall 0.9 mi. WSW Newport Beach 18.2 mi. NW Newport Beach 18.2 mi. NW	(0.030- 0.290)		
						(0.005- 0.005)	(0.005- 0.005)	
						(0.001- 0.001)	(0.001- 0.001)	
sea hare	Co-58	9	0.0070	0.1668(4/ 4) (0.005- 0.360)	Unit 1 Outfall 0.9 mi. WSW	0.1668(4/ 4) (0.005- 0.360)	<LLD (0/ 5)	0
sea hare	Co-60	9	0.0050	0.0235(4/ 4) (0.008- 0.052)	Unit 1 Outfall 0.9 mi. WSW	0.0235(4/ 4) (0.008- 0.052)	<LLD (0/ 5)	0
Table 12A Non-Migratory Marine Quarterly Composite (pCi/g) (flesh type)								
sea hare	Cs-134	9	0.0040	0.0220(1/ 4) (0.022- 0.022)	Unit 1 Outfall 0.9 mi. WSW	0.0220(1/ 4) (0.022- 0.022)	<LLD (0/ 5)	0
sea hare	Cs-137	9	0.0010	0.0310(1/ 4) (0.031- 0.031)	Unit 1 Outfall 0.9 mi. WSW	0.0310(1/ 4) (0.031- 0.031)	<LLD (0/ 5)	0
sea hare	Fe-59	9	0.0090	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 5)	0
sea hare	H-3 Bound	9	1.4000	9.8500(2/ 4) (1.700-18.000)	Unit 1 Outfall 0.9 mi. WSW	9.8500(2/ 4) (1.700-18.000)	2.2500(2/ 5) (1.800- 2.700)	0
sea hare	I-131	9	0.0150	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 5)	0
sea hare	Mn-54	9	0.0030	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 5)	0

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Table 12A Non-Migratory Marine Quarterly Composite (pCi/g) (flesh type)							
sea hare	Ra-226	9 0.0040	0.0263(4/ 4) (0.004- 0.062)	Unit 1 Outfall 0.9 mi. WSW	0.0263(4/ 4) (0.004- 0.062)	0.0233(4/ 5) (0.011- 0.034)	0
sea hare	Sr-90	9 0.0200	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 5)	0
sea hare	Zn-65	9 0.0070	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 5)	0
sea hare	Zr(Nb)-95	9 0.0070	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 5)	0
Table 12A Non-Migratory Marine Quarterly Composite (pCi/g) (flesh type)							
sheephead	Co-58	8 0.0070	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
sheephead	Co-60	8 0.0050	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
sheephead	Cs-134	8 0.0040	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
sheephead	Cs-137	8 0.0010	0.0117(4/ 4) (0.010- 0.013)	Unit 1 Outfall 0.9 mi. WSW	0.0117(4/ 4) (0.010- 0.013)	0.0112(4/ 4) (0.009- 0.015)	0
sheephead	Fe-59	8 0.0090	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
sheephead	H-3 Bound	8 1.4000	7.7250(4/ 4) (2.000-20.000)	Unit 1 Outfall 0.9 mi. WSW	7.7250(4/ 4) (2.000-20.000)	4.4000(4/ 4) (1.900- 6.600)	0
Table 12A Non-Migratory Marine Quarterly Composite (pCi/g) (flesh type)							
sheephead	I-131	8 0.0150	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
sheephead	Mn-54	8 0.0030	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
sheephead	Sr-90	8 0.0200	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0

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Table 12A								
Non-Migratory Marine Quarterly Composite (pCi/g) (flesh type)								
sheephead	Zn-65	8	0.0070	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
sheephead	Zr(Nb)-95	8	0.0070	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
				(0.114- 0.114)	Unit 1 Outfall 0.9 mi. WSW	(0.114- 0.114)		
spiny lobster	Co-58	2	0.0070	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
spiny lobster	Co-60	2	0.0050	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
spiny lobster	Cs-134	2	0.0040	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
Table 12A								
Non-Migratory Marine Quarterly Composite (pCi/g) (flesh type)								
spiny lobster	Cs-137	2	0.0010	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
spiny lobster	Fe-59	2	0.0090	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
spiny lobster	H-3 Bound	2	1.4000	5.7000(1/ 1)	Newport Beach 18.2 mi. NW	6.9000(1/ 1)	6.9000(1/ 1)	0
				(5.700- 5.700)		(6.900- 6.900)	(6.900- 6.900)	
spiny lobster	I-131	2	0.0150	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
spiny lobster	Mn-54	2	0.0030	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
Table 12A								
Non-Migratory Marine Quarterly Composite (pCi/g) (flesh type)								
spiny lobster	Sr-90	2	0.0200	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
spiny lobster	Zn-65	2	0.0070	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
spiny lobster	Zr(Nb)-95	2	0.0070	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
Table 12B								
Non-Migratory Marine Quarterly Composite (pCi/g) (bone type)								
black perch	Co-58	8	0.0100	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
black perch	Co-60	8	0.0110	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
black perch	Cs-134	8	0.0100	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
black perch	Cs-137	8	0.0080	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
black perch	Fe-59	8	0.0200	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0

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Table 12B								
Non-Migratory Marine Quarterly Composite (pCi/g) (bone type)								
black perch	I-131	8	0.0400	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
black perch	Mn-54	8	0.0080	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
black perch	Sr-90	8	0.0120	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
Table 12B								
Non-Migratory Marine Quarterly Composite (pCi/g) (bone type)								
black perch	Zn-65	8	0.0160	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
black perch	Zr(Nb)-95	8	0.0160	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
				Newport Beach 18.2 mi. NW	(0.041- 0.041)	(0.041- 0.041)		
cancer crab	Co-58	2	0.0100	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
cancer crab	Co-60	2	0.0110	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
cancer crab	Cs-134	2	0.0100	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
Table 12B								
Non-Migratory Marine Quarterly Composite (pCi/g) (bone type)								
cancer crab	Cs-137	2	0.0080	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
cancer crab	Fe-59	2	0.0200	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
cancer crab	I-131	2	0.0400	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
cancer crab	Mn-54	2	0.0080	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
				Newport Beach 18.2 mi. NW	(0.064- 0.064)	(0.064- 0.064)		
Table 12B								
Non-Migratory Marine Quarterly Composite (pCi/g) (bone type)								
cancer crab	Sr-90	2	0.0120	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
cancer crab	Zn-65	2	0.0160	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
cancer crab	Zr(Nb)-95	2	0.0160	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
				(0.013- 0.060) Unit 1 Outfall 0.9 mi. WSW	(0.013- 0.060)			
lobster	Co-58	4	0.0100	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0

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Table 12B								
Non-Migratory Marine Quarterly Composite (pCi/g) (bone type)								
lobster	Co-60	4	0.0110	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
lobster	Cs-134	4	0.0100	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
lobster	Cs-137	4	0.0080	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
lobster	Fe-59	4	0.0200	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
lobster	I-131	4	0.0400	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
lobster	Mn-54	4	0.0080	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
Table 12B								
Non-Migratory Marine Quarterly Composite (pCi/g) (bone type)								
lobster	Sr-90	4	0.0120	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
lobster	Zn-65	4	0.0160	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
lobster	Zr(Nb)-95	4	0.0160	<LLD (0/ 2)	ALL <LLD	-----	<LLD (0/ 2)	0
Table 12B								
Non-Migratory Marine Quarterly Composite (pCi/g) (bone type)								
sheephead	Co-58	8	0.0100	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
sheephead	Co-60	8	0.0110	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
sheephead	Cs-134	8	0.0100	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
sheephead	Cs-137	8	0.0080	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
sheephead	Fe-59	8	0.0200	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
sheephead	I-131	8	0.0400	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
sheephead	Mn-54	8	0.0080	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
Table 12B								
Non-Migratory Marine Quarterly Composite (pCi/g) (bone type)								
sheephead	Sr-90	8	0.0120	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
sheephead	Zn-65	8	0.0160	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0
sheephead	Zr(Nb)-95	8	0.0160	<LLD (0/ 4)	ALL <LLD	-----	<LLD (0/ 4)	0

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Table 12B						
Non-Migratory Marine Quarterly Composite (pCi/g) (bone type)						
spiny lobster	Co-58	2 0.0100	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1) 0
spiny lobster	Co-60	2 0.0110	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1) 0
spiny lobster	Cs-134	2 0.0100	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1) 0
spiny lobster	Cs-137	2 0.0080	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1) 0
spiny lobster	Fe-59	2 0.0200	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1) 0
spiny lobster	I-131	2 0.0400	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1) 0
Table 12B						
Non-Migratory Marine Quarterly Composite (pCi/g) (bone type)						
spiny lobster	Mn-54	2 0.0080	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1) 0
spiny lobster	Sr-90	2 0.0120	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1) 0
spiny lobster	Zn-65	2 0.0160	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1) 0
Table 12B						
Non-Migratory Marine Quarterly Composite (pCi/g) (bone type)						
spiny lobster	Zr(Nb)-95	2 0.0160	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1) 0
Table 13A						
Local Crops Semi-Annual Composite (pCi/g)						
cabbage	Co-58	1 0.0010	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 0) 0
cabbage	Co-60	1 0.0020	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 0) 0
cabbage	Cs-134	1 0.0010	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 0) 0
cabbage	Cs-137	1 0.0010	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 0) 0
cabbage	I-131	1 0.0090	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 0) 0

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Table 13A								
Local Crops								
Semi-Annual Composite								
(pCi/g)								
cabbage	Zr(Nb)-95	1	0.0020	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 0)	0
cauliflower	Co-58	1	0.0010	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 0)	0
cauliflower	Co-60	1	0.0020	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 0)	0
Table 13A								
Local Crops								
Semi-Annual Composite								
(pCi/g)								
cauliflower	Cs-134	1	0.0010	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 0)	0
cauliflower	Cs-137	1	0.0010	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 0)	0
cauliflower	I-131	1	0.0090	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 0)	0
cauliflower	Zr(Nb)-95	1	0.0020	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 0)	0
Table 13A								
Local Crops								
Semi-Annual Composite								
(pCi/g)								
corn	Co-58	2	0.0010	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
corn	Co-60	2	0.0020	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
corn	Cs-134	2	0.0010	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
corn	Cs-137	2	0.0010	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
corn	I-131	2	0.0090	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
corn	Zr(Nb)-95	2	0.0020	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
Table 13A								
Local Crops								
Semi-Annual Composite								
(pCi/g)								
cucumber	Co-58	1	0.0010	<LLD (0/ 0)	ALL <LLD	-----	<LLD (0/ 1)	0
cucumber	Co-60	1	0.0020	<LLD (0/ 0)	ALL <LLD	-----	<LLD (0/ 1)	0
cucumber	Cs-134	1	0.0010	<LLD (0/ 0)	ALL <LLD	-----	<LLD (0/ 1)	0
cucumber	Cs-137	1	0.0010	<LLD (0/ 0)	ALL <LLD	-----	<LLD (0/ 1)	0
cucumber	I-131	1	0.0090	<LLD (0/ 0)	ALL <LLD	-----	<LLD (0/ 1)	0

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Table 13A								
Local Crops								
Semi-Annual Composite (pCi/g)								
cucumber	Zr(Nb)-95	1	0.0020	<LLD (0/ 0)	ALL <LLD	-----	<LLD (0/ 1)	0
squash	Co-58	1	0.0010	<LLD (0/ 0)	ALL <LLD	-----	<LLD (0/ 1)	0
squash	Co-60	1	0.0020	<LLD (0/ 0)	ALL <LLD	-----	<LLD (0/ 1)	0
Table 13A								
Local Crops								
Semi-Annual Composite (pCi/g)								
squash	Cs-134	1	0.0010	<LLD (0/ 0)	ALL <LLD	-----	<LLD (0/ 1)	0
squash	Cs-137	1	0.0010	<LLD (0/ 0)	ALL <LLD	-----	<LLD (0/ 1)	0
squash	I-131	1	0.0090	<LLD (0/ 0)	ALL <LLD	-----	<LLD (0/ 1)	0
squash	Zr(Nb)-95	1	0.0020	<LLD (0/ 0)	ALL <LLD	-----	<LLD (0/ 1)	0
Table 13A								
Local Crops								
Semi-Annual Composite (pCi/g)								
tomato	Co-58	2	0.0010	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
tomato	Co-60	2	0.0020	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
tomato	Cs-134	2	0.0010	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
tomato	Cs-137	2	0.0010	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
tomato	I-131	2	0.0090	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0
tomato	Zr(Nb)-95	2	0.0020	<LLD (0/ 1)	ALL <LLD	-----	<LLD (0/ 1)	0

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Table 13B Local Crops Semi-Annual Composite (pCi/g)							
cabbage	Sr-90	1	0.0005	(32.000-32.000)	San Mateo Canyon 2.6 mi. NW	(32.000-32.000)	0
				0.0160(1/ 1) (0.016- 0.016)	San Mateo Canyon 2.6 mi. NW	0.0160(1/ 1) (0.016- 0.016)	
cauliflower	Sr-90	1	0.0005	(31.000-31.000)	San Mateo Canyon 2.6 mi. NW	(31.000-31.000)	0
				0.0470(1/ 1) (0.047- 0.047)	San Mateo Canyon 2.6 mi. NW	0.0470(1/ 1) (0.047- 0.047)	
corn	Sr-90	2	0.0005	<LLD (0/ 1)	ALL <LLD	----- <LLD (0/ 1)	0

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Table 13B Local Crops Semi-Annual Composite (pCi/g)								
cucumber	Sr-90	1	0.0005	<LLD (0/ 0)	SE of Oceanside	(23.000-23.000)	(23.000-23.000)	0
					22 mi. SE	0.0700(1/ 1)	(0.070- 0.070)	
squash	Sr-90	1	0.0005	<LLD (0/ 0)	SE of Oceanside	(30.000-30.000)	(30.000-30.000)	0
					22 mi. SE	ALL <LLD	<LLD (0/ 1)	
tomato	H-3 Bound	2	0.2540	21.000(1/ 1) (21.000-21.000)	San Mateo Canyon	(21.000-21.000)	(17.000-17.000)	0
					2.6 mi. NW	ALL <LLD	<LLD (0/ 1)	
tomato	Sr-90	2	0.0005	<LLD (0/ 1)	ALL <LLD	<LLD (0/ 1)	0	
Table 14 Soil Samples Annual Composite (pCi/g)								
	Co-58	5	0.0100	<LLD (0/ 4)	ALL <LLD	<LLD (0/ 1)	0	
	Co-60	5	0.0110	<LLD (0/ 4)	ALL <LLD	<LLD (0/ 1)	0	
	Cs-134	5	0.0090	<LLD (0/ 4)	ALL <LLD	<LLD (0/ 1)	0	
	Cs-137	5	0.0070	0.1270(2/ 4) (0.084- 0.170)	E. Site Boundary	(0.170- 0.170)	<LLD (0/ 1)	0
	I-131	5	0.0210	<LLD (0/ 4)	ALL <LLD	<LLD (0/ 1)	0	
Table 14 Soil Samples Annual Composite (pCi/g)								
	Sr-89	5	0.0070	<LLD (0/ 4)	ALL <LLD	<LLD (0/ 1)	0	
	Sr-90	5	0.0070	0.0700(2/ 4) (0.050- 0.090)	E. Site Boundary	(0.090- 0.090)	<LLD (0/ 1)	0
	Zr(Nb)-95	5	0.0150	<LLD (0/ 4)	ALL <LLD	<LLD (0/ 1)	0	

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Table 15								
Kelp								
Semi-Annual Composite (pCi/g)								
			(0.004- 0.006)	Barn Kelp Bed 6.3 mi. SSE	(0.006- 0.006)			
macrocystis p.	Co-58	8	0.0090	<LLD (0/ 6)	ALL <LLD	<LLD (0/ 2)	0	
macrocystis p.	Co-60	8	0.0100	<LLD (0/ 6)	ALL <LLD	<LLD (0/ 2)	0	
macrocystis p.	Cs-134	8	0.0080	<LLD (0/ 6)	ALL <LLD	<LLD (0/ 2)	0	
macrocystis p.	Cs-137	8	0.0060	0.0049(6/ 6) (0.004- 0.006)	Barn Kelp Bed 6.3 mi. SSE	0.0055(2/ 2) (0.005- 0.006)	0	
macrocystis p.	Fe-59	8	0.0180	<LLD (0/ 6)	ALL <LLD	<LLD (0/ 2)	0	
Table 15								
Kelp								
Semi-Annual Composite (pCi/g)								
macrocystis p.	H-3 Bound	8	0.4660	3.0833(6/ 6) (0.800- 7.100)	Barn Kelp Bed 6.3 mi. SSE	4.1000(2/ 2) (1.100- 7.100)	1.0250(2/ 2) (0.850- 1.200)	0
macrocystis p.	I-131	8	0.0200	0.0075(2/ 6) (0.006- 0.009)	Barn Kelp Bed 6.3 mi. SSE	0.0090(1/ 2) (0.009- 0.009)	0.0075(2/ 2) (0.006- 0.009)	0
macrocystis p.	Mn-54	8	0.0070	<LLD (0/ 6)	ALL <LLD	<LLD (0/ 2)	0	
macrocystis p.	Ru-103	8	0.0080	0.0094(3/ 6) (0.008- 0.011)	Barn Kelp Bed 6.3 mi. SSE	0.0110(1/ 2) (0.011- 0.011)	0.0040(1/ 2) (0.004- 0.004)	0
Table 15								
Kelp								
Semi-Annual Composite (pCi/g)								
macrocystis p.	Zn-65	8	0.0140	<LLD (0/ 6)	ALL <LLD	<LLD (0/ 2)	0	
macrocystis p.	Zr(Nb)-95	8	0.0140	0.0303(3/ 6) (0.022- 0.036)	Barn Kelp Bed 6.3 mi. SSE	0.0360(1/ 2) (0.036- 0.036)	0.0200(1/ 2) (0.020- 0.020)	0