Table 2.2.4

Fish Samples
Brookhaven National Laboratory (5151-XXX)
Surrounding Ponds
pCi/kg

Table 2.2.4
Brookhaven National Laboratory Surrounding Ponds Fish/Mussels (5151-XXX)
(pCi/kg)

POND	DATE SAMPLED	K-40	Sr-90	Ru-106	Cs-134	Cs-137	Ra-226
5151-002 DONAHUES POND	9/27/95	2500+/-400	27.0+/-2.0	<90	<16	340+/-20	
	4/25/96	2700+/-400	108.0+/-6.0	<100	<9.0	550+/-50	
	4/25/96	3200+/-500	60.0+/-1.3	<130	<10	530+/-50	
	8/29/97	3900+/-500	41.0+/-4.0	<80	<8.0	430+/-40	
	8/29/97	4600+/-600	11.4+/-1.8	<90	<9.0	480+/-50	
	4/29/98	3500+/-300	20.0+/-2.0	<5.0	<40	350+/-30	
	9/23/99	3100+/-400	71.0+/-5.0	<90	<9.0	170+/-20	
	9/23/99	3800+/-500	28.0+/-5.0	<130	<10	310+/-40	
	7/10/00	3500+/-400	15.0+/-3.0	<50	<5.0	350+/-30	
	6/18/00	2500+/-160	7.0+/-2.0	<30	<3.0	110+/-9	
	6/18/01	2900+/-160	26.0+/-3.0	<20	<2.0	188+/-14	
	6/18/01	2680+/-190	56.0+/-5.0	<19	<1.8	278+/-16	
	7/14/03	2990+/-140	192.0+/-12.0	<20	<1.8	139+/-8	<3
5151-003 FORGE POND	9/28/95	2900+/-300	20.4+/-1.7	<70	20+/-12	204+/-16	
	4/24/96	3000+/-500	13.0+/-3.0	<100	<8.0	190+/-30	<18
	4/24/96	3400+/-400	4.9+/-1.2	<110	<19	120+/-20	<50
	4/25/96	<130	930.0+/-32.0	<100	<11	22+/-11	1010+/-70
	8/29/97	4300+/-600	20.0+/-3.0	<80	<8.0	370+/-40	
	8/29/97	170+/-100	790.0+/-30.0	<50	<5.0	19+/-8	510+/-40
	5/19/98	3700+/-300	8.5+/-1.6	<4.0	<50	170+/-20	
	9/22/99	3800+/-400	31.0+/-4.0	<70	<7.0	93+/-18	
	9/22/99	3200+/-400	13.0+/-3.0	<90	<8.0	85+/-16	
	6/13/00	4400+/-500	86.0+/-5.0	<50	<6.0	140+/-20	26+/-17
	7/19/01	2660+/-180	3.7+/-1.9	<30	<3.0	108+/-10	
	7/19/01	2700+/-200	30.0+/-9.0	<30	<3.0	149+/-12	
	7/19/01	2880+/-190	30.0+/-6.0	<30	<4.0	107+/-11	
	6/18/03	3650+/-130	10.4+/-1.9	<11	<1.0	130+/-6	<2.0
5151-004 SWAN POND	9/25/95	2500+/-300	8.0+/-2.0	<80	<14	126+/-16	
	4/22/96	3200+/-400	75.0+/-9.0	<120	<20	160+/-20	<50
	4/22/96	3400+/-400	7.3+/-1.5	<100	<18	109+/-19	<40
	8/28/97	4200+/-600	23.0+/-3.0	<110	<9.0	240+/-30	
	4/28/98	3600+/-300	4.5+/-1.2	<4.0	<50	105+/-16	
	7/11/00	3600+/-400	<3.0	<60	<4.0	220+/-30	
	7/10/01	2760+/-190	56.0+/-5.0	<30	<3.0	61+/-8	
	7/10/01	2720+/-180	43.0+/-6.0	<30	<3.0	177+/-13	
	7/11/01	2890+/-170	<2.0	<20	<1.9	72+/-8	
	6/16/03	2950+/-120	86.0+/-9.0	<13	<1.2	70+/-5	7.0+/-2.0
5151-005 LOWER LAKE	9/26/95	3100+/-300	12.9+/-1.6	<60	<10	54+/-11	
	4/24/96	3600+/-500	<17.0	<1.6	<10	29+/-14	<110
	4/24/96	2200+/-400	<13.0	3.0+/-2.0	<7.0	29+/-11	<100
	8/26/97	4400+/-500	<3.0	<70	<6.0	31+/-11	
	8/26/97	4800+/-800	9.0+/-2.0	<160	<14.0	50+/-20	
	4/28/98	3800+/-400	3.6+/-1.9	<4.0	<70	39+/-12	
	7/11/01	2500+/-300	32.0+/-12.0	<70	<6.0	<8.0	27+/-15

NOTE: No Samples in 2002 and 2004

Table 2.2.81

Fish Sample
West Valley Demonstration Project (1459-042)
Springville Dam
pCi/Kg

DATE SAMPLED	Cs-134	Cs-137	K-40	Ru-106	Sr-90
6/21/95	<10	<13	3200+/-300	<50	16+/-2
10/02/95	---	<14	3600+/-300	---	22+/-11
10/3/96	---	<18	3800+/-400	---	27+/-10
10/18/96	---	<50	4000+/-1000	---	35+/-6
11/7/96	---	<17	3100+/-400	---	24+/-9
6/16/97	---	<6	<400	---	3.0+/-1.2
10/30/97	---	<9	4400+/-500	---	5+/-3
6/23/98	---	<6	3400+/-400	---	6+/-3
10/07/98	---	<6	4200+/-400	---	5.5+/-1.6
5/17/99	---	<5	3250+/-100	---	68+/-4
6/21/00	---	<6	3300+/-300	---	4.4+/-1.7
4/27/01	---	<3	3100+/-200	---	3.5+/-1.8
5/4/01	---	<6	3200+/-300	---	<4
6/8/01	---	14+/-7	3100+/-300	---	110+/-20
6/14/01	---	<5	2800+/-300	---	<10
6/25/03	---	6.7+/-1.8	4250+/-180	---	7+/-3
8/4/04	---	<6	2900+/-300	---	9+/-5
10/7/04	---	2.9+/-1.4	3310+/-140	---	22+/-5

Table 2.2.82

Fish Sample
West Valley Demonstration Project (6020-001)
Background (Arcade)
pCi/Kg

DATE SAMPLED	Cs-134	Cs-137	K-40	Ru-106	Sr-90
10/02/95	---	<16	3300+/-400	---	<6
6/19/96	---	<20	3700+/-900	---	<13
6/21/96	---	<20	3900+/-500	---	5+/-3
6/24/96	---	<16	3400+/-300	---	6+/-2
10/23/96	---	<14	3400+/-300	---	6+/-4
10/24/96	---	<30	3500+/-600	---	5+/-3
11/7/96	---	<30	4100+/-600	---	7+/-4
10/17/97	---	<7	4400+/-500	---	<2
5/14/98	---	<4	3900+/-400	---	<2
10/07/98	---	<4	4000+/-300	---	3.3+/-1.5
5/3/99	---	<4	3530+/-120	---	5+/-2
5/22/00	---	<5	3500+/-300	---	2+/-1.6
9/28/00	---	<5	2300+/-300	---	---
5/14/01	---	14+/-8	3000+/-300	---	---
5/18/01	---	<1.6	3430+/-170	---	<3
11/8/01	---	<0.6	3460+/-130	---	<3
6/10/02	---	7.5+/-1.5	2970+/-130	---	<6
9/26/02	---	<1.5	3040+/-150	---	<8
6/24/03	---	<1.6	4150+/-180	---	6+/-5
8/2/04	---	<5	3200+/-200	---	<5
10/28/04	---	<1.3	3300+/-140	---	6+/-3