

Data Table 6-15, Collective Dose - All Liquid Pathways Including Irrigation		
By Pathway		
Pathway	Collective Dose (person-rem) ^(a)	Percent of Total Dose
Sport fish	1.0E-02	0%
Commercial fish	7.2E-02	3%
Saltwater invertebrates	1.0E-01	4%
Shoreline Exposure	7.9E-03	0%
Swimming	1.7E-04	0%
Boating	8.4E-06	0%
Beaufort-Jasper (Chelsea)	4.9E-01	20%
Beaufort-Jasper (Purrysburg)	3.4E-01	14%
Savannah I&D	1.6E-01	7%
Vegetable consumption	1.2E+00	49%
Milk consumption	7.6E-02	3%
Meat consumption	4.3E-03	0%
Total	2.5E+00	
By Radionuclide		
Radionuclide	Collective Dose (person-rem) ^(a)	Percent of Total Dose
H-3	7.2E-01	29%
C-14	7.4E-03	0%
Sr-90	1.2E-01	5%
Tc-99	3.7E-01	15%
I-129	2.9E-01	12%
Cs-137	9.9E-02	4%
U-234	1.8E-01	7%
U-235	1.0E-02	0%
U-238	2.0E-01	8%
Np-237	4.0E-06	0%
Pu-238	1.4E-02	1%
Pu-239	1.2E-03	0%
Am-241	1.0E-01	4%
Cm-244	3.2E-04	0%
Alpha	1.3E-01	5%
Nonvolatile Beta	2.1E-01	9%
Total	2.5E+00	
a) Committed effective dose		

Irrigation Pathway Doses from Data Table 6-16	
Radionuclide	Population (person-rem)
H-3 (oxide)	1.1E-01
C-14	9.2E-04
Sr-90	9.8E-02
Tc-99	3.7E-01
I-129	1.8E-01
Cs-137	1.8E-02
U-234	1.1E-01
U-235	5.9E-03
U-238	1.2E-01
Np-237	2.2E-06
Pu-238	5.1E-03
Pu-239	4.2E-04
Am-241	3.1E-02
Cm-244	1.0E-04
Alpha	4.6E-02
Nonvolatile Beta	1.7E-01

Total **1.3E+00**

Other Liquid Pathway Doses from Ladtap output	
Radionuclide	Collective Dose (person-rem) ^(a)
H-3	6.1E-01
C-14	6.5E-03
Sr-90	2.4E-02
Tc-99	4.7E-04
I-129	1.1E-01
Cs-137	8.1E-02
U-234	7.2E-02
U-235	4.1E-03
U-238	7.9E-02
Np-237	1.8E-06
Pu-238	8.7E-03
Pu-239	7.3E-04
Am-241	6.9E-02
Cm-244	2.2E-04
Alpha	7.9E-02
Nonvolatile Beta	4.1E-02

Total **1.2E+00**