

**Table 6.8. Trends in total effective dose equivalent for selected pathways**

Pathway	Effective dose equivalent (mrem) <sup>a</sup>					
	1990	1991	1992	1993	1994	1995
All air	2	2	1.3	1.4	1.7	0.5
Fish consumption	0.3	0.3	0.4	0.2	1.6	0.9
Drinking water (Kingston)	0.04	0.1	0.05	0.07	0.04	0.15
Direct radiation (Clinch River)	1 <sup>b</sup>	1 <sup>b</sup>	1 <sup>b</sup>	1 <sup>b</sup>	1 <sup>c</sup>	1 <sup>c</sup>
Direct radiation (Poplar Creek)			11 <sup>b</sup>	1	1	1

<sup>a</sup>To convert mrem to mSv, divide by 100.

<sup>b</sup>These values have been corrected by removing the contribution of natural background radiation and by using International Commission on Radiological Protection recommendations for converting external exposure to effective dose equivalent.

<sup>c</sup>This is an overestimate of the potential dose because the source of the direct radiation was remediated during 1993 and 1994.