

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table 2 Effluent Concentrations		Table 3 Releases to Sewers
			Col. 1 Oral Ingestion ALI (μCi)	Col. 2	Col. 3	Col. 1 Air ($\mu\text{Ci}/\text{m}^3$)	Col. 2 Water ($\mu\text{Ci}/\text{m}^3$)	Monthly Average Concentration ($\mu\text{Ci}/\text{m}^3$)
				Inhalation				
				ALI (μCi)	DAC ($\mu\text{Ci}/\text{m}^3$)			
57	Lanthanum-132	D, see ^{132}La W, see ^{132}La	$3\text{E}+3$ -	$1\text{E}+4$ $1\text{E}+4$	$4\text{E}-6$ $5\text{E}-6$	$1\text{E}-8$ $2\text{E}-8$	$4\text{E}-5$ -	$4\text{E}-4$ -
57	Lanthanum-135	D, see ^{135}La W, see ^{135}La	$4\text{E}+4$ -	$1\text{E}+5$ $9\text{E}+4$	$4\text{E}-5$ $4\text{E}-5$	$1\text{E}-7$ $1\text{E}-7$	$5\text{E}-4$ -	$5\text{E}-3$ -
57	Lanthanum-137	D, see ^{137}La W, see ^{137}La	$1\text{E}+4$ - -	$6\text{E}+1$ Liver ($7\text{E}+1$) $3\text{E}+2$ Liver ($3\text{E}+2$)	$3\text{E}-8$ - $1\text{E}-7$ -	- - $1\text{E}-10$ -	$2\text{E}-4$ - -	$2\text{E}-3$ - -
57	Lanthanum-138	D, see ^{138}La W, see ^{138}La	$9\text{E}+2$ -	$4\text{E}+0$ $1\text{E}+1$	$1\text{E}-9$ $6\text{E}-9$	$5\text{E}-12$ $2\text{E}-11$	$1\text{E}-5$ -	$1\text{E}-4$ -
57	Lanthanum-140	D, see ^{140}La W, see ^{140}La	$6\text{E}+2$ -	$1\text{E}+3$ $1\text{E}+3$	$6\text{E}-7$ $5\text{E}-7$	$2\text{E}-9$ $2\text{E}-9$	$9\text{E}-6$ -	$9\text{E}-5$ -
57	Lanthanum-141	D, see ^{141}La W, see ^{141}La	$4\text{E}+3$ -	$9\text{E}+3$ $1\text{E}+4$	$4\text{E}-6$ $5\text{E}-6$	$1\text{E}-8$ $2\text{E}-8$	$5\text{E}-5$ -	$5\text{E}-4$ -
57	Lanthanum-142 ²	D, see ^{142}La W, see ^{142}La	$8\text{E}+3$ -	$2\text{E}+4$ $3\text{E}+4$	$9\text{E}-6$ $1\text{E}-5$	$3\text{E}-8$ $5\text{E}-8$	$1\text{E}-4$ -	$1\text{E}-3$ -
57	Lanthanum-143 ²	D, see ^{143}La W, see ^{143}La	$4\text{E}+4$ St. wall ($4\text{E}+4$) -	$1\text{E}+5$ - $9\text{E}+4$	$4\text{E}-5$ - $4\text{E}-5$	$1\text{E}-7$ - $1\text{E}-7$	- $5\text{E}-4$ -	- $5\text{E}-3$ -
58	Cerium-134	W, all compounds except those given for Y Y, oxides, hydroxides, and fluorides	$5\text{E}+2$ LLI wall ($6\text{E}+2$) -	$7\text{E}+2$ - $7\text{E}+2$	$3\text{E}-7$ - $3\text{E}-7$	$1\text{E}-9$ - $9\text{E}-10$	- $8\text{E}-6$ -	- $8\text{E}-5$ -
58	Cerium-135	W, see ^{134}Ce Y, see ^{134}Ce	$2\text{E}+3$ -	$4\text{E}+3$ $4\text{E}+3$	$2\text{E}-6$ $1\text{E}-6$	$5\text{E}-9$ $5\text{E}-9$	$2\text{E}-5$ -	$2\text{E}-4$ -
58	Cerium-137m	W, see ^{134}Ce Y, see ^{134}Ce	$2\text{E}+3$ LLI wall ($2\text{E}+3$) -	$4\text{E}+3$ - $4\text{E}+3$	$2\text{E}-6$ - $2\text{E}-6$	$6\text{E}-9$ - $5\text{E}-9$	- $3\text{E}-5$ -	- $3\text{E}-4$ -
58	Cerium-127	W, see ^{134}Ce Y, see ^{134}Ce	$5\text{E}+4$ -	$1\text{E}+5$ $1\text{E}+5$	$6\text{E}-5$ $5\text{E}-5$	$2\text{E}-7$ $2\text{E}-7$	$7\text{E}-4$ -	$7\text{E}-3$ -
58	Cerium-139	W, see ^{134}Ce Y, see ^{134}Ce	$5\text{E}+3$ -	$8\text{E}+2$ $7\text{E}+2$	$3\text{E}-7$ $3\text{E}-7$	$1\text{E}-9$ $9\text{E}-10$	$7\text{E}-5$ -	$7\text{E}-4$ -
58	Cerium-141	W, see ^{134}Ce Y, see ^{134}Ce	$2\text{E}+3$ LLI wall ($2\text{E}+3$) -	$7\text{E}+2$ - $6\text{E}+2$	$3\text{E}-7$ - $2\text{E}-7$	$1\text{E}-9$ - $8\text{E}-10$	- $3\text{E}-5$ -	- $3\text{E}-4$ -
58	Cerium-143	W, see ^{134}Ce Y, see ^{134}Ce	$1\text{E}+3$ LLI wall ($1\text{E}+3$) -	$2\text{E}+3$ - $2\text{E}+3$	$8\text{E}-7$ - $7\text{E}-7$	$3\text{E}-9$ - $2\text{E}-9$	- $2\text{E}-5$ -	- $2\text{E}-4$ -