

Pin cells

UOX fuel	
diam.	0.5780 cm
temp.	294.0 K
nuclide	N (#/b/cm ²)
U-235	1.7670×10^{-4}
U-238	2.4364×10^{-2}
O-16	4.9082×10^{-2}

PuO₂ fuel

diam.	0.5780 cm
temp.	294.0 K
nuclide	N (#/b/cm ²)
Pu-239	1.2756×10^{-2}
Pu-240	1.2756×10^{-2}
O-16	5.1025×10^{-2}

Annular cells

UOX coolant	
pitch	0.9536 cm
temp.	294.0 K
nuclide	N (#/b/cm ²)
Na-23	1.0380×10^{-2}
Cr-52	4.9730×10^{-3}
Fe-56	1.7280×10^{-2}
Ni-58	3.6270×10^{-3}

PuO₂ coolant

pitch	0.9536 cm
temp.	294.0 K
nuclide	N (#/b/cm ²)
Na-23	1.0380×10^{-2}
Cr-52	4.9730×10^{-3}
Fe-56	1.7280×10^{-2}
Ni-58	3.6270×10^{-3}