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[substance	excitation potential in eV
	hydrogen (molecular gas)	19.2
	carbon (atomic gas)	62.0
	nitrogen (molecular gas)	82.0
	oxygen (molecular gas)	95.0
	air	85.7
	water, liquid	75.0































































































































	Stopping power ratios	Stepping newsy seties required for photon beem						
	etopping perior ratio	s required	for photon be	eams				
	In photon beams, average restricted stopping power ratios of water to air do NOT	Photon Spectrum	TPR _{20,10} (from TRS 398)	$\overline{L}^{\scriptscriptstyle \Delta}_{w,a}$				
	function of depth	⁶⁰ Co	0.519	1.134				
	Exception: at or near the surface	4 MV	0.581	1.131				
		6 MV	0.626	1.127				
		8 MV	0.667	1.121				
_		10 MV	0.688	1.117				
4	Stopping power ratios	15 MV	0.731	1.106				
	(with $\Delta = 10 \text{ keV}$) under full	20 MV	0.760	1.096				
	in the table as a function of	25 MV	0.768	1.093				
	the beam quality index							