

Figure 1: 30 TAC §336.3(c)

Table I

## Quality Factors and Absorbed Dose Equivalencies

Type of Radiation	Quality Factor (Q)	Absorbed Dose Equal to a Unit Dose Equivalent <sup>1</sup>
Gamma, beta, or x-ray	1	1
Alpha particles, multiple-charged particles, fission fragments, and heavy particles of unknown charge	20	0.05
Neutrons of unknown energy	10	0.1
High-energy protons	10	0.1

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1. Absorbed dose in rad equal to 1 rem or the absorbed dose in gray equal to 1 sievert.