



Interpretation

RE: Radon exposure limits expressed in pCi/L/days

4/14/21

An inquiry was forwarded to the Secretariat regarding an inconsistency in requirements relative to radon exposure limits published in mitigation standards SGM-SF, RMS-MF and RMS-LB.

As taught for decades, the limits were based on 4 Working Level Months (WLM) calculations. Previous committees had made a change for radon measurement conversions from calculations based 50% equilibrium to more protective limits of 100% equilibrium. However, in doing so, the corresponding value in pCi/L/days was not updated correctly.

Review by committee on this date confirmed that this oversight is a typographical error with correction as cited below.

11.6 Radon Mitigation Installation

11.6.2 Radon exposure limits

A jobsite worker's exposure **shall** be limited to less than ~~5,700~~ 8,500 pCi/L/days or 4 working level months (WLM) over any 12-month period. An equilibrium ratio of 100% shall be used to convert *radon* levels to radon decay product levels. Practices shall be arranged to keep *Jobsite workers'* WLM or pCi/L/day exposure as low as can be reasonably achieved.

Note that SGM-SF, RMS-MF and RMS-LB are in the process of harmonization and the section on Health and Safety has not been reviewed for harmonization at this time. Hence the requirements may change. But until that process is complete, this correction shall stand.

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