

Session 8: Occupational Radiation Protection in the Workplace involving Exposure to Radon : Summary of Contributed Papers

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Contributed Papers

- 1 Contributed paper (mine)
- The Implications of the Proposed Changes in Radon Dosimetry to the Uranium Industry. Frank Harris Rio Tinto

Summary of Paper

- Radon decay products (RDP) inhalation a significant exposure pathway in some uranium operations (particularly underground operations)
- Increased risk factors can be mitigated by both stronger controls on exposure and improvements in monitoring and dose calculation to reduce inherent conservatism in assessment
- The lack of information on particle sizing of RDP in modern mines and lack of appropriate monitoring methodology is critical for implementation of dosimetric approach
- Need for direction on how to account for smoking in the workforce given their significantly different risk factors