

4731.2040 DETERMINATION OF EXTERNAL DOSE; AIRBORNE RADIOACTIVE MATERIAL.

A. When determining the dose from airborne radioactive material, a licensee must include the contribution to the deep dose equivalent, lens dose equivalent, and shallow dose equivalent from external exposure to the radioactive cloud according to part 4731.2750, subpart 7, footnotes 1 and 2.

B. Airborne radioactivity measurements and DAC values must not be used as the primary means to assess the deep dose equivalent when the airborne radioactive material includes radionuclides other than noble gases or if the cloud of airborne radioactive material is not relatively uniform. The determination of the deep dose equivalent to an individual must be based upon measurements using instruments or individual monitoring devices.

Statutory Authority: *MS s 144.1202; 144.1203*

History: *29 SR 755*

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