



## CRPA-CARST Symposium on Radon and Radiation Protection

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### Title

Addressing a gap in the Transport of Radioactive Material Regulations – Surface Contamination Limits

### Abstract

Radioactivity limits provided in transport regulations are based on limiting the dose received, following radioactivity release due to failure of a package from an accident.

Dose received for a given amount of radioactivity released, is based on the radionuclides involved in the release, as different radionuclides can have different characteristics and consequently different dose implications.

Existing surface contamination limits in the transport regulations, do not allow for individual radionuclides consideration. This gap, potential problems posed to the CANDU nuclear industry due to the gap, and recommendations on addressing the gap are presented.