

**Tolerability of Risk.
Its Use in Nuclear Regulation in the UK**

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Dr. Walker will discuss the general features of the application of the tolerability of risk (TOR) concept and how it is applied to all health and safety aspects of work activities in the UK. He will also consider some of the specifics in relation to nuclear regulation, where the concept originated.

Reference will be made to the development of TOR, including the use of Probabilistic Safety Analysis and the concept of as low as reasonably practicable (ALARP). HSE's methods of regulating nuclear installations will be discussed covering the application of its Safety Case Assessment Principles. There will be comparison with the regulation of other major hazard installations, for example, the permissioning regime and a description of HSE's enforcement policy.