

OPIMIZATION OF EXPOSURE AND WASTE MANAGEMENT FOR DIFFERENT ACCIDENTAL RELEASES

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This paper presents an overview of accidental releases of fission, fusion reactors and cycle installations, (i.e. Iodine alone, Iodine and cesium, iodine plus cesium and short lived airborne nuclides for fission, tritium for fusion and plutonium 239 for fuel installation), and their consequences on the surface deposits management. It addresses the question of dose levels, the effect of some fundamental environmental parameters, the information policy, and the need for a “as rational as reasonably achievable” approach based on efficient and non-expensive actions of the population.

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