

MULTI-CRITERIA OPTIMIZATION TOOL FOR THE REMEDICATION OF URBAN AREAS AFTER A NUCLEAR ACCIDENT

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This paper describes the development of a multicriteria tool to support decision making process after a nuclear accident that leads to the contamination of urban areas. The methodology adopted is discussed and the result is a computer program that assess doses to residents and to remediation workers as a function of time, the effect of remediation procedures on the doses to public and estimates wastes generated for pre-defined scenarios. Some preliminary results are presented based on remediation procedures used after the Goiania accident.

Country or International Organization

Brazil

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