

放射性废水的排放标准

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摘要 评述了1977年以前一些国家和组织的放射性废水浓度和排放标准,讨论了ICRP第2号出版物计算MPC_w的方法。为了控制低放废水向环境排放,提供液体流出物处理的基础,应该考虑导出水浓度(DWC)。DWC的计算是基于公众的年摄入量限值(ALI)和年有效剂量当量限值。给出了计算的导出水浓度。

关键词 [放射性废水](#) [导出水浓度](#) [排放标准](#)

分类号

STANDARDS OF DISCHARGE FOR RADIOACTIVE WASTE WATER—INVESTIGATION ON DERIVED WATER CONCENTRATION (DWC) AND STANDARDS OF DISCHARGE

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Abstract This paper reviews standards of radioactive waste water concentration and discharge used in some countries before 1977, and discusses the methods of calculation of MPC_w recommended by the ICRP publication 2. In order to control the release of radioactive waste water to the environment and provide a basis for disposal of liquid effluent, derived water concentration (DWC) should be taken into account. The calculation of DWC is based on the ALI of water and limit of annual effective dose equivalent for the public. The recommended concentration is given in this paper.

Key words [Radioactive waste water](#) [Derived water concentration](#) [Standards for discharge](#)

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