

高放废物处置库缓冲材料中热力学过程分析

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摘要 通过对高放废物深地层处置库缓冲材料中热力学过程的理论分析,建立起此缓冲层的物理模型和数学模型,并就所建模型的实用性和应用效果予以阐明。

关键词 [缓冲材料](#) [热扩散](#) [湿迁移](#) [核废物处置](#)

分类号

AN ANALYSIS ON THERMODYNAMICS PROCESSES OF BUFFER MATERIAL IN HIGH-LEVEL WASTE (HLW) DEEP GEOLOGICAL REPOSITORY

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Abstract In the paper, thermodynamics processes of buffer material in HLW deep geological repository are described. By theoretical analysis, a set of thermal physical and mathematical models are established in buffer layer of the repository. The applicable aspects and effects of the models in HLW disposal engineering are pointed out.

Key words [Buffer material](#) [Thermodiffusion](#) [Moisture migration](#) [Nuclear waste disposal](#)

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