

快堆非能动安全研究发展概况

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摘要 近年来,在美国快堆研究计划中,提出了一种实现快堆安全目标的新概念,就是以“纵深防御”思想为基础的“非能动安全”(Passive Safety)概念,强调应用非能动的机理保护反应堆和公众的安全,而不是依靠增加能动的专设安全设施。本文扼要介绍有关快中子反应堆“非能动安全”研究的发展概况。

关键词 [快堆](#) [非能动安全概念](#)

分类号

DEVELOPMENT STATUS ON PASSIVE SAFETY STUDY OF FAST REACTOR

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Abstract A general account of development status on the passive safety study of LMFBR is given in this paper. A certain number of the results in analysis and test of inherent safety for LMFBR is summarized. Some basic concepts and two samples about the passive safety design are described. Finally, a few important problems in the safety design of LMFBR are discussed.

Key words [Fast reactor](#) [Passive safety concepts](#)

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扩展功能

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