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中国实验快堆一级概率安全评价——事件树的建立

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收稿日期 2004-3-4 修回日期 网络版发布日期:

摘要 基于前期对初因事件的确定和归集研究,根据初因事件组的特征及对各初因事件序列的初步分析,确定了中国实验快堆(CEFR)一级概率安全评价(PSA)报告所要建立的事件树数目、各事件树的题头事件、事件序列后果的分类等。最后,根据CEFR具体安全设计特征创建了完整的事件树,为后续事件序列的深入分析奠定了重要基础。

关键词 [中国实验快堆](#) [概率安全评价](#) [事件树](#) [初因事件](#)

分类号 [TL364.5](#)

China Experimental Fast Reactor Probabilistic Safety Assessment Level I ——Foundation of the Event Trees

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Abstract Based on the characteristics of initial events and preliminary analysis to all initial events sequence, the all of event trees to be founded for the probabilistic safety (assessment)(PSA) document, the function event of each event tree and the classification to the consequences of event sequences were defined for China Experimental Fast Reactor(CEFR) probabilistic safety assessment level I. Finally, according to the coherence safety design characteristics of (CEFR,) the complete event trees are set up in order to provide an important base for the deep analysis of following event sequence.

Key words [China Experimental Fast Reactor](#) [probabilistic safety assessment](#) [event tree](#) [initial event](#)

DOI

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