

源项程序包STCP Mod 1.1开发应用

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收稿日期 1989-3-7 修回日期 网络版发布日期:

摘要 <正> 一、原项定义、研究目的及概况 所谓源项就是核电厂在发生严重事故情况下从核反应堆释放至环境的放射性物质随时间变化的数量和特征。研究源项的目的是因为源项大小是电厂安全性的一个重要指标,是确定许多重要问题

关键词

分类号

STCP Mod 1.1 AND ITS UTILIZATION

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Abstract STCP Mod1.1 is developed by BCL for estimating the release of radioactivematerials to the environment in severa accidents of nuclear power plant. It is thestate-of-the-art version of STCP which has been released. The STCP Mod1.1 corrects a number of errors discovered in M od1 .1. TheMod1.1 has already been successfully installed on CDC-825 computer at the IAE. U sing this code package, the radionuclide release for four selected severeaccident scenarios were c alculated and analysed.

Key words STCP (Source Term Code Package)

DOI

通讯作者

扩展功能

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