

目 录



◆ 核电专访

放射化学在核能发展中的贡献

——专访王方定院士

本刊记者 卫广刚 李照煦 2

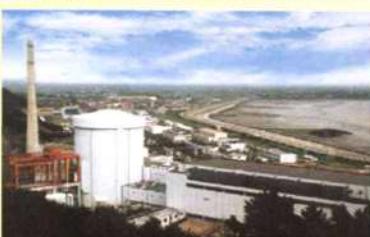
◆ 核电研发

英国BS、德国BTR及中国规范对核电冷却塔载荷取值的探讨

王成立, 陈朝, 王金辉 6

田湾核电站失去两路厂外电源试验实施及方案优化

武杰, 刘非 15



◆ 核电建设

实验快堆工程施工进度的影响因素

李禾 24

海阳核电1号核岛混凝土试验和施工经验分析

李斌, 李宁 30



◆ 核电管理

核电企业管理体系建立与完善

申彦锋, 鞠德重, 孙艳珍 36

核电项目总承包方对大宗材料的管理模式

张金勇, 赵校波 42



核电运营 ◆

核电厂全厂断电事故分析

陈学锋 46

设备制造 ◆

AP1000蒸汽发生器制造难点分析

王培河 52

核电站反应堆冷却剂系统主管道安装焊接

刘新利 60

核电安全 ◆

百万千瓦级压水堆核电厂停堆PSA研究

李 琳 68

国际核事件分级表及应用实例

康 慧 76

燃料循环 ◆

我国放射性废物管理标准现状分析及建议

申 红 82

青年论坛 ◆

中韩核电工业发展现状浅析

黄 刚 88

核电资讯 ◆

国内特别报道 94

国外最新消息 96

放射性及辐射防护



[期刊基本参数] CN 11-5660/TL*2008*q*A4*96*zh*P*30.00*4600*13*2011-03

CONTENTS



Special Interview on Nuclear Power

The contribution of radiation chemistry in the development of nuclear energy

—Special interview with academician WANG Fangding
WEI Guang-gang, LI Zhao-xu 2

Nuclear Power R&D

Discussion on NPP cooling tower's load value according to British BS, German BTR and Chinese codes

WANG Cheng-li, CHEN Zhao, WANG Jin-hui 6

Tianwan nuclear power station lost the test implementation and optimization scheme of two offsite power sources

WU Jie, LIU Fei 15



Nuclear Power Construction

The influence factors of the construction progress for the CEFR

LI He 24

Analysis of Haiyang NPP unit 1 NI concrete construction and test experience

LI Bin, LI Ning 30



Nuclear Power Management

Establishment and improvement of nuclear power enterprise management system

SHEN Yan-feng, JU De-zhong, SUN Yan-zhen 36

Bulk material management mode of general contractors in nuclear power project

ZHANG Jin-yong, ZHAO Xiao-bo 42



Nuclear Power Operation

Analysis of station blackout accident in nuclear power plant

CHEN Xue-feng 46



Equipment Manufacture

Manufacturing difficulties analysis of AP1000 steam generator

WANG Pei-he 52

The installation and welding techniques for reactor coolant system piping of nuclear power station

LIU Xin-li 60



Fuel Cycle

Present situation analysis and suggestions of radioactive waste management standards in China

SHEN Hong 82



Youth Forum

Development present situation analysis of nuclear power industry in China and South Korea

HUANG Gang 88



Nuclear Power Information

Domestic special coverage 94

Latest foreign news 96

Radiation and radiation protection

[期刊基本参数] CN 11-5660/TL*2008*q*A4*96*zh*P*30.00*4600*13*2011-03