

ISSN 0258-0918
CODEN:HYGODG

核科学与工程

NUCLEAR SCIENCE AND ENGINEERING

HEKEXUE YU GONGCHENG

第32卷增刊1 Vol.32 Suppl.1

2012 增刊1

ISSN 0258-0918



9 770258 091129

万方数据

中国核学会
中国原子能出版社
CHINESE NUCLEAR SOCIETY
CHINA ATOMIC ENERGY PRESS

CONTENTS

Reason Analysis and Treatment of Over-Performance of CW Pump of Ling'Ao II	ZHANG Xi-hui(1)
Solenoid Valve Failure Mode and Maintenance Strategy	JIANG Dao-fu(4)
The Effect of Heat-treatment Durations on Mechanical Properties of Nickel-Base Alloy Wire Welded on Reactor Pressure Vessel	LI Gui-jiang, LI Zhao-jie(9)
Study on the Disassembling Methods of the Antifriction Bearing Turning for the Feeding Pump of the Steam Converter System in Daya Bay NPP	SUN Zhi-qiang(15)
The Ameliorated Technique for Installation of the Temporary Hoist Beam Assembly to the Polar Crane inside the Reactor Building	YAN Hai-de(19)
Replacement of the Motor Generator Slip Ring of Ling'Ao Unit 3	HUANG Shu-zong ZHOU Hong-jun(22)
Study on Improvement for Service Power Supply for a Nuclear Power Plant	YANG Zhi-hui, ZHANG Tao(24)
Analysis of the Time Influence Factors when Startup of the Emergency Diesel Generator of Nuclear Power Plant	ZHOU Guo-qiang, QIU Yu(31)
Successful Modification Experience of the Turbine-driven Feedwater Pump Overspeed Protection System in Ling'Ao I	HU Yan-jun, HE Bai-lu(34)
Main Defects Analysis and Modification Options during the Commissioning Period of Moisture Separator Reheater System in Ling'Ao II	WANG Jian-bao, CHEN Zeng-xing(41)
Analysis and Discussion about Neutral-point Grounding Mode of Auxiliary Power Station's 6.6 kV Side in Hongyanhe NPP Phase II	QIN Hong-yu(47)
Monitoring and Early Warning of Control Rod State in Rod Drop Test	LI Gang, CHAI Wei-dong, ZHANG Da-yong, et al. (53)
The Analysis and Improvement Suggestion for the False Alarm from Nuclear Power Plant Loose Components Monitoring System	CHEN Xin, LIU Fang, WANG Ji-neng(57)
Axial Power Deviation Control of PWR Nuclear Power Plant in the End of Lifetime	CHEN Zi-qiang, CHEN Cheng(63)
Study on the Effects of Acidized Exempt Liquid Waste Sample on Its Radioactivity Measurement	YOU Cheng-mao, OUYANG-Jun jie, WU Hua-xiong, et al. (71)
Cause Analysis and Counter-measures for Accelerated Aging of Auxiliary and Trip Relays of Medium Voltage Switchgear in Daya Bay Nuclear Power Plants	ZHANG Sheng, CHEN Shi-jun, JIANG Hong, et al. (78)
Applied Research of Risk Informed In-service Inspection in Nuclear Power Plant	XI Hai-ying, WANG Qi, FAN Yan-cheng(83)
The Design Scheme of KKO4 System Integrated Automation in Daya Bay Nuclear Power Plant	LIANG Zhong-ying, ZHANG Qi(91)
Analysis for the AP1000 Operational and Managerial Adaptation of DNMC	LV Hou-xin, HUANG Wei-de, FANG Chun-fa(96)

核科学与工程

目 次

第32卷 增刊1
(2012年12月)

主管单位 中国科学技术协会
主办单位 中国核学会

编辑委员会 (按姓氏笔画为序)

王洲 刘永 朱永睿
吴宜灿 张本爱 束国刚
杨红义 陈念念 单文志
罗上庚 郁金南 侯惠群
胡永明 郝老迷 贾斗南
貊大卫 樊明武 薄涵亮

主 编 阮可强
副 主 编 李冠兴
责任编辑 任重远
技术编辑 李 宁

《核科学与工程》入编《中文核心期刊要目总览》2011年版(即第六版)之原子能技术类核心期刊。

- 岭澳核电站二期循环水泵超功率的原因分析与处理 张希惠(1)
电磁阀的失效模式及维修策略 蒋道福(4)
热处理时间对反应堆压力容器用镍基焊丝机械性能的影响
..... 黎桂江, 李召杰(9)
大亚湾核电站蒸汽转换器系统给水泵滚动轴承车削拆卸方法探讨 ..
..... 孙智强(15)
反应堆厂房环形吊车临时吊梁安装工艺改进 严海德(19)
岭澳核电站3号机组电动发电机滑环的更换 黄书踪, 周洪军(22)
核电厂厂用电供电方式改进分析 杨智慧, 张 涛(24)
核电厂应急柴油机启动时间影响因素研究 周国强, 邱 瓜(31)
岭澳核电站一期汽动给水泵超速保护装置改造成功经验 ..
..... 胡琰军, 和白露(34)
岭澳核电站二期汽 - 水分离再热器系统调试运行期间的主要缺陷
分析及处理措施 王建保, 陈增兴(41)
红沿河核电项目二期辅助电源6.6kV回路接地方式的探讨 ..
..... 覃红玉(47)
落棒试验对控制棒状态的监测与预警 ..
..... 李 刚, 柴伟东, 张大勇, 等(53)
核电厂松动部件监测系统误报警分析处理与改进建议 ..
..... 陈 忻, 刘 芳, 王季能(57)
压水堆核电厂寿期末堆芯轴向功率偏差控制 ... 陈自强, 陈 成(63)
酸化处理豁免废液样品对其放射性测量的影响研究 ..
..... 尤成懋, 欧阳俊杰, 吴华雄, 等(71)
大亚湾核电站中压配电盘中间和出口继电器加速老化原因分析和
管理对策 张 圣, 陈世均, 江 虹, 等(78)
核电厂风险指引型管道在役检查应用研究 ..
..... 郑海英, 王 琪, 范岩成(83)
大亚湾核电站KKO4系统综合自动化方案设计 ..
..... 梁忠英, 张 奇(91)
DNMC对AP1000运营管理的适应性分析研究 ..
..... 呂厚鑫, 黄维德, 方春法(96)

期刊基本参数: CN11—1861/TL*1981*q*A4*96*zh*P*¥20.00
*1200*19*2012-12