



Technical Reports & Software

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1014011 (Software)
Program: PISCES—Plant Multimedia Toxics Characterization
EPRI Project Manager: Naomi Lynn Goodman

EMF Workstation 2007

1014012 (Software)
Program: EMF Health Assessment and RF Safety
EPRI Project Manager: Brian Cramer

Laboratory Screening Tests for Permeable Reactive Barrier Media

1014018 (Technical Report)
Program: Coal Combustion Products—Environmental Issues
EPRI Project Manager: Kenneth J. Ladwig

Management of Non-Cooling Water Releases

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Methodologies for Cross-Pollutant Trading

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Water Use for Electric Power Generation

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Long-Term Performance of a Passive Wastewater Treatment System: The Albright Project

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Occupational Health and Safety Annual Report 2007

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EPRI Ergonomics Handbook for the Electric Power Industry

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The Costs of Reducing Electricity Sector CO₂ Emissions

1014044 (Technical Report)
Program: Greenhouse Gas Reduction Options
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A New Dosimetric Basis for RF Exposure Compliance Assessment

1014048 (Technical Report)
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Assessment of Treated Wood and Alternate Materials for Utility Poles

1014064 (Technical Report)
Program: T&D Facilities and Equipment: Environmental Issues
EPRI Project Manager: Mary E. Mclearn

Multimedia Mercury Fate at Coal-Fired Power Plants Equipped With SCR and Wet FGD Controls

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Program: PISCES—Plant Multimedia Toxics Characterization
EPRI Project Manager: Babu Nott

Program on Technology Innovation: Economic Analysis of California Climate Initiatives, An Integrated Approach, Volume 2—Full Report

1014862 (Technical Report)
Program: Global Climate Change Policy Costs and Benefits
EPRI Project Manager: Geoffrey Blanford

Program on Technology Innovation: Economic Analysis of California Climate Initiatives, An Integrated Approach, Volume 3—Modeler's Appendices

1014863 (Technical Report)
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Introduction to Radio Frequency Measurements DVD

1014933 (Software)
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Pilot Study for the Replication of the Draper Study of Leukemia, Brain Tumors, and Distance to Power Lines in California

1014939 (Technical Report)
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EPRI Project Manager: Gabor Mezei

EPRI Ergonomics Handbook for the Electric Power Industry

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EPRI Project Manager: Gabor Mezei

Ohio River Ecological Research Program (ORERP): 2005 Ohio River Monitoring Results

1015422 (Technical Report)
Program: Fish Protection at Steam Electric Power Plants
EPRI Project Manager: Douglas A. Dixon

Kentucky Transmission Line Siting Methodology

1016198 (Technical Report)
Program: ROW: Siting, Vegetation Management, and Avian Issues
EPRI Project Manager: John Goodrich-Mahoney

Generation

ESPM (Electrostatic Precipitator Model) Version 4.0

1012686 (Software)
Program: Particulate and Opacity Control
EPRI Project Manager: Ralph F. Altman

Steam Turbine Bolting Maintenance Guide

1013341 (Technical Report)
Program: Steam Turbines, Generators, and Balance-of-Plant
EPRI Project Manager: Alan Joseph Grunsky

BLESS 5.0 Boiler Life Extension and Simulation System

1014102 (Software)
Program: Boiler Life and Availability Improvement Program
EPRI Project Manager: Kent K. Coleman

Compilation of EPRI Boiler Guidelines
1014103 (Technical Report)
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Compilation of EPRI Fossil Plant Cycle Chemistry Guidelines
1014105 (Technical Report)
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EPRI Project Manager: James A. Mathews

Computer-Based Training Course: Fossil Planners Guide, Version 1.0
1014107 (Software)
Program: Maintenance Management and Technology
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Gas Turbine Overhaul Plan (GTOP) for GE 9FA
1014109 (Software)
Program: Combustion Turbine (CT) and Combined-Cycle (CC) O&M
EPRI Project Manager: John R. Scheibel

CTCC O&M Cost Analyzer, Version 7.0
1014111 (Software)
Program: New Combustion Turbine/Combined-Cycle Design, Repowering, and Risk Mitigation
EPRI Project Manager: Dale S. Grace

Compilation of EPRI Heat Recovery Steam Generator (HRSG) Guidelines
1014114 (Technical Report)
Program: Heat Recovery Steam Generator (HRSG) Dependability
EPRI Project Manager: Charles Thomas Alley, Jr.

Technical Assessment Guide (TAG®)—Power Generation and Storage Technology Options
1014115 (Technical Report)
Program: Technology-Based Business Planning Information and Services (TAG)
EPRI Project Manager: Gopalachary Ramachandran

Technical Assessment Guide (TAG®)—Advanced Technologies
1014116 (Technical Report)
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Boiler Water Deposition Model for Fossil-Fueled Power Plants
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Condensate Filtration Technologies for Electric Power Generating Stations
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Condensate Polishing Performance Assessment: Use of Separate Bed Single Vessel Designs
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EPRI Project Manager: James A. Mathews

Simulated Boiler Corrosion Studies Using Electrochemical Techniques: AVT(O) Contaminant Limits
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Boresonic Inspection Primer
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2007 Workshop on Selective Catalytic Reduction
1014168 (Technical Report)
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2007 Status of Multi-Pollutant Process Development
1014170 (Technical Report)
Program: Integrated Environmental Controls (Hg, SO₂, NO_x, and Particulate)
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Mercury Control Technology
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Guidelines for Obtaining Compliance Assurance Monitoring Permits
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Optimizing Ash Handling—SmartAsh™ System Evaluation
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Status of Particulate Matter Continuous Emission Monitoring Systems 2007
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Continuous Mercury Monitoring Demonstration
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Renewable Energy Technical Assessment Guide—TAG-RE: 2007
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Metallurgical Guidebook for Fossil Power Plant Boilers
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Shutdown Protection of Steam Turbines Using Dehumidified Air
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Guidelines on Optimizing Heat Recovery Steam Generator Drains
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Burner Management System Maintenance Guide for Fossil Power Plant Personnel
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Emergency Management Guideline for Fossil Generating Stations
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Updated Operations Assessment Guideline
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Root Causes of Circumferential Cracking in Waterwalls of Supercritical Units: State-of-Knowledge

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Work Management Guidelines for Fossil Power Plant Personnel

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Risk-Informed Maintenance Decision Analysis Methodology

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Understanding Mercury Chemistry via the Reaction Engineering International (REI) ProMerc™ Model

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Negative Sequence Effects on Generator Rotors

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Generator Control Testing to Certify Reactive Power Capability, Excitation System Functions and Frequency Response

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Review of Combustion Modification Emerging Technologies

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Clearance and Tagging Guideline for Fossil Electric Generating Stations

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International Coal Market Analysis

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State of Knowledge: Grades 92 and 122 Steel for Fossil Power Plants

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Productivity Improvement for Fossil Steam Power Plants, 2007

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Intelligent Sootblowing at NRG Texas W. A. Parish Plant

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Assessment of Secondary Air Distribution on an Opposed-Fired Unit

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Flame Doctor for Cyclone Boilers

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EGEAS—Electric Generation Expansion Analysis System, Version 9.02BW

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Guidelines for Reducing the Time and Cost of Turbine-Generator Maintenance Overhauls and Inspections, Volume 4—Turbine Generator Component Procurement Specifications

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Demonstration of On-Line Elemental Coal Analyzer at TVA's Cumberland Fossil Plant
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Bull Run Fossil Plant Online Coal Flow Adjustable Riffler Test
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Austenitic Stainless Steel Handbook
1016374 (Technical Report)
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Remaining-Life Assessment of Austenitic Stainless Steel Superheater and Reheater Tubes Subjected to Long-Term Overheat-Creep Damage
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Nuclear

Plant Support Engineering: Guidelines for Optimizing the Engineering Change Process for Nuclear Power Plants, Revision 2
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EPRI Project Manager: Leigh Aparicio

Nuclear Maintenance Applications Center: Considerations for Developing a Critical-Parts Program at a Nuclear Power Plant
1011861 (Technical Report)
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EPRI Project Manager: Lee Alvin Rogers

BWRVIP-183: BWR Vessel and Internals Project, Top Guide Grid Beam Inspection and Flaw Evaluation Guidelines
1013401 (Technical Report)
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BWRVIP-180: BWR Vessel and Internals Project, Access Hole Cover Inspection and Flaw Evaluation Guidelines
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BWRVIP-181: BWR Vessel and Internals Project, Steam Dryer Repair Design
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PDD/QDA Version 4.0 Performance Demonstration Database/Qualified Data Analyst for UNIX
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EPRI Project Manager: Steven M. Swilley

ORSIM, Operational Risk Simulation Model, Version 1.0
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EOOS, Equipment Out of Service, Version 3.5
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Operations and Maintenance Development: Preventive Maintenance Program Implementation Self-Assessment Guidelines for Nuclear Power Plants
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Seismic Qualification Case Study for a New Inverter
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Plant Support Engineering: Temperature Stability Criteria for Heat Exchanger Testing
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SG Degradation Database and Progress Report
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ChemWORKS Tools, Version 1.0
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CIRCE—PWR Secondary Water Chemistry Optimization Tool, Version 1.0
1014960 (Software)
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Boron-Induced Offset Anomaly (BOA) Risk Assessment Tool, Version 2.0
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EPRI Project Manager: Jeffrey Charles Deshon

Computer-Based Training Module for Microbiologically Induced Corrosion (MIC)
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PM Basis Version (Preventive Maintenance Database) 2.0
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Pressurized Water Reactor Hideout Return Sourcebook
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Pressurized Water Reactor Primary Water Chemistry Guidelines
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Application of Raman Spectroscopy to Evaluate Lead Species Under Pressurized Water Reactor Secondary Chemistry Conditions
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Pressurized Water Reactor Steam Generator Layout: Corrosion Evaluation
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Steam Generator Management Program: Thermal-Hydraulics and Studies of Foreign Objects in Steam Generators
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Factors Affecting PbSCC in Alloy 600/Alloy 690 Steam Generator Tubing
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EPRI Project Manager: Heather M. Feldman

Steam Generator Management Program: PWR Steam Generator Tube Wear—Alloy 690/Supports
1014991 (Technical Report)
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EPRI Project Manager: Heather M. Feldman

TR-105696-R10 (BWRVIP-03) Revision 10: BWR Vessel and Internals Project
1014993 (Technical Report)
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EPRI Project Manager: Robert G. Carter

Materials Reliability Program: Testing the Resistance to Stress Corrosion Cracking of Alloy 690 and its Weld Metal in Supercritical Boron/Lithium/H₂ Solutions (MRP-225)
1015004 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Kawaljit Singh Ahluwalia

Materials Reliability Program: Effects of Dissolved Hydrogen, Temperature, and Hydrogen Peroxide on Low-Temperature Crack Propagation (LTCP) Fracture Resistance of Weld Metals 182, 52, and 152 (MRP-209)
1015005 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Kawaljit Singh Ahluwalia

Materials Reliability Program: Development of Alternate ASME Section XI Appendix G Methodology—Validation and Verification of FAVOR, V06.1 (MRP-226)
1015012 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Jack C. Spanner

Materials Reliability Program: PWR Internals Age-Related Material Properties, Degradation Mechanisms, Models, and Basis Data—State of Knowledge (MRP-211)
1015013 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Anne Genevieve Demma

Evaluation of Altering the Hydrogen Concentration for Mitigation of Primary Water Stress Corrosion Cracking
1015017 (Technical Report)
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EPRI Project Manager: Keith Paul Fruzzetti

Dispersants for Tube Fouling Control, Volume 5: PWR Application Sourcebook
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EPRI Project Manager: Keith Paul Fruzzetti

Elevated pH Demonstration at Comanche Peak Unit 2
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Corrosion Product Transport Model for PWR Primary Circuit Applications
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EPRI Project Manager: Jeffrey Charles Deshon

Performance Assessment of High-Burnup Fuel From Limerick
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Program: Nuclear Power
EPRI Project Manager: Erik Mader

Eddy Current Method to Determine Hydrogen in Fuel Rods and Fuel Assembly Components
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Program: Nuclear Power
EPRI Project Manager: Erik Mader

Hot Cell Examination of GE11 and GE13 BWR Fuel Exposed to 52 and 65 GwD/MtU at the Limerick 1 and 2 Reactors
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EPRI Project Manager: Erik Mader

Hot Cell Examination of AREVA Fuel Channel Coupons From LaSalle 2006/2007
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EPRI Project Manager: Erik Mader

BWR Zircaloy Shadow Corrosion and Hydriding Meeting July 26–27, 2006, Freeport, Maine
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EPRI Project Manager: Boching Cheng

Solubility of Zinc Silicate and Zinc Ferrite in Aqueous Solution at Light Water Reactor Temperatures
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Investigation of Browns Ferry 2 Reactor Cycle 12 Fuel Corrosion Failures, Volume 3: Assessment of Results
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EPRI Project Manager: Erik Mader

Hot Cell Examination of Failed and Sound Sibling Fuel Rods From Hatch-1 Cycle 21
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Program: Nuclear Power
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Visual Inspections and Initial Characterizations of IFA-649 Rods
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Program: Fuel Reliability and Margins
EPRI Project Manager: Suresh Yagnik

Fuel Fragmentation Scoping Studies
1015042 (Technical Report)
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Program on Technology Innovation: EPRI Yucca Mountain Spent Fuel Repository Evaluation
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Program: Nuclear Power
EPRI Project Manager: John Kessler

Spent Fuel Transportation Applications—Assessment of Cladding Performance
1015048 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Albert J. Machiels

Nondestructive Evaluation: Surface Examination of Nickel Alloy Welds—Examination of Welds With Difficult Access
1015051 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Pedro Felipe Lara

Nondestructive Evaluation: Boiling Water Reactor Bottom Head Drain Line Examination—Field Trial
1015052 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Pedro Felipe Lara

Nondestructive Evaluation: Nondestructive Evaluation for Material Characterization
1015053 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Kenji J. Krzywosz

Nondestructive Evaluation: Enhanced Ferromagnetic Tubular Inspection Techniques for High-Performance Thin-Walled Ferritic Stainless Steel and Carbon Steel Tubing
1015055 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Jeganathan Maruthamuthu

Nondestructive Evaluation: Examination of Large-Diameter Buried Piping for Small-Pit Detection and Preferential Weld Corrosion Attack
1015056 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Pedro Felipe Lara

Nuclear Maintenance Applications Center: Isolated Phase Bus Maintenance Guide
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Program: Equipment Degradation
EPRI Project Manager: James P. Sharkey

Nuclear Maintenance Applications Center: Condenser Air Removal Equipment Maintenance Guide
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EPRI Project Manager: Martin L. Bridges, Jr.

Nuclear Maintenance Applications Center: Condenser Cleaning Equipment Maintenance Guide
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Nuclear Maintenance Applications Center: Maintenance Guide for Fluid Drives and Other Variable-Speed Drives
1015060 (Technical Report)
Program: Fossil Maintenance Applications Center (FMAC)
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Nuclear Maintenance Applications Center: Guide for the Storage and Handling of Fuel Oil for Standby Diesel Generator Systems, Revision 3
1015061 (Technical Report)
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Fatigue and Capacity Testing of High-Density Polyethylene Pipe and Pipe Components Fabricated From PE4710
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Nuclear Maintenance Applications Center: Airborne/Structure-Borne Ultrasound Technology Sourcebook
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Turbine-Generator Auxiliary Systems, Volume 3: Generator Hydrogen System Maintenance Guide
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Plant Support Engineering: Life Cycle Management Planning Sourcebooks—Chillers
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Plant Support Engineering: Large Motor End of Expected Life and Planning Considerations
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Plant Support Engineering: Aging Effects for Structures and Structural Components (Structural Tools)
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Plant Support Engineering: Replacements for Obsolete ASCO Red Hat Series Solenoid Valves on CD-ROM, NQA Safety Related
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Investigation of Inter-System Common-Cause Failures
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Review of Current Practices for Configuration Risk Management at Nuclear Power Plants
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Option 2, 10CFR50.69 Special Treatment Guidelines
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Risk-Informing Construction and Operating License (COL) Plants—A Scoping Study
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MAAP Applications Guide
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Program on Technology Innovation: Effects of Spatial Incoherence on Seismic Ground Motions
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Program: Nuclear Power
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Program on Technology Innovation: Validation of CLASSI and SASSI Codes to Treat Seismic Wave Incoherence in Soil-Structure Interaction (SSI) Analysis of Nuclear Power Plant Structures
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EPRI Project Manager: Tom J. Mulford

Waste Class B/C Reduction Guide
1015115 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Phung Kim Tran

Application of Continuous Electrical Deionization for Liquid Radwaste Processing at Braidwood Generating Station
1015116 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Dennis Hussey

**Program on Technology Innovation:
Development of the EPRI Magnetic
Molecules Technology**
1015117 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Sean P. Bushart

**Groundwater Protection Guidelines for
Nuclear Power Plants**
1015118 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Sean P. Bushart

**Application of the EPRI Standard Radiation
Monitoring Program for PWR Radiation
Field Reduction**
1015119 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Dennis Hussey

**Pro-Active Exposure Reduction Practices to
Improve Process Efficiency and Reduce
Personnel Exposure for Emergent PWR/BWR
Material Inspection and Mitigation Activities**
1015120 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Phung Kim Tran

**Rancho Seco Nuclear Generating Station
Decommissioning Experience Report**
1015121 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Sean P. Bushart

**Nuclear Maintenance Applications Center:
Emergency Diesel Generator Governing
System Maintenance Guide for Nuclear
Applications**
1015157 (Technical Report)
Program: Equipment Degradation
EPRI Project Manager: James P. Sharkey

**Operations and Maintenance Development:
Work Planning Assessment Guidelines for
Nuclear Power Plant Personnel**
1015253 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Lee Alvin Rogers

**Nuclear Maintenance Applications Center:
Lube Notes Compilation, 1989–2007**
1015254 (Technical Report)
Program: Fossil Maintenance Applications
Center (FMAC)
EPRI Project Manager: Nicholas Ronald Camilli

**Nuclear Maintenance Applications Center:
Material Handling Application Guide**
1015271 (Technical Report)
Program: Equipment Degradation
EPRI Project Manager: Martin L. Bridges, Jr.

**Nuclear Maintenance Applications
Center: Maintenance Engineer Funda-
mentals Handbook**
1015307 (Technical Report)
Program: Equipment Degradation
EPRI Project Manager: Lee Alvin Rogers

**MAAP Version 4.07 (Modular Accident
Analysis Program) for Windows 2000/XP on
CD-ROM, Nuclear Safety Related**
1015309 (Software)
Program: Educating Risk Staff
EPRI Project Manager: Frank J. Rahn

**Nuclear Maintenance Applications Center:
Bolted Joint Fundamentals**
1015336 (Technical Report)
Program: Equipment Degradation
EPRI Project Manager: Martin L. Bridges, Jr.

**Nuclear Maintenance Applications Center:
Assembling Gasketed Flanged Bolted Joints**
1015337 (Technical Report)
Program: Equipment Degradation
EPRI Project Manager: Martin L. Bridges, Jr.

HRA Calculator 4.0
1015358 (Software)
Program: Educating Risk Staff
EPRI Project Manager: Frank J. Rahn

**Proceedings: 2007 Condensate Polishing
Workshop**
1015447 (Technical Report)
Program: Water Chemistry Control
EPRI Project Manager: Keith Paul Fruzzetti

**Fuel Reliability Guidelines: PWR Fuel Cladding
Corrosion and Crud**
1015449 (Technical Report)
Program: Fuel Reliability and Margins
EPRI Project Manager: Kurt W. Edsinger

**BWRVIP-177: BWR Vessel and Internals
Project, Analysis of a Noble Metal Surface/
Crack Deposition Monitoring Specimen—2007
Update**
1015468 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Rajeshwar Pathania

**Materials Reliability Program: Corrosion
Testing of Decommissioned PWR Core Internals
Material Samples (MRP-222)**
1015478 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Hui-Tsung Tang

**Materials Reliability Program: Corrosion and
Fracture Toughness Testing of BOR-60
Irradiated Materials (MRP-223)**
1015479 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Hui-Tsung Tang

**Materials Reliability Program: Analysis of
IASCC Initiation Data for Irradiated Stainless
Steels (MRP-224)**
1015480 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Hui-Tsung Tang

**An Interim Review of the Cooperative
Irradiation-Assisted Stress Corrosion Cracking
Research (CIR) Program—Revision 1**
1015493 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Rajeshwar Pathania

**Rancho Seco Reactor Vessel Segmentation
Experience Report**
1015501 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Sean P. Bushart

**CAFTA, Computer-Aided Fault Tree Analysis,
Version 5.3**
1015513 (Software)
Program: Educating Risk Staff
EPRI Project Manager: Frank J. Rahn

**CAFTA, Computer-Aided Fault Tree Analysis,
DEMO Version 5.3**
1015514 (Software)
Program: Educating Risk Staff
EPRI Project Manager: Frank J. Rahn

CAFTA 5.3, Educational Version
1015515 (Software)
Program: Educating Risk Staff
EPRI Project Manager: Frank J. Rahn

**A History of the Maintenance Rule
10CFR50.65**
1015517 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Leonard Loffin

**Nuclear Maintenance Applications Center:
Preventive Maintenance Basis Database,
Version 1.5—User's Manual**
1015519 (Technical Report)
Program: Staff Expertise Loss
EPRI Project Manager: Martin L. Bridges, Jr.

Data Transfer Tool for ChemWorks, V4.0
1015525 (Software)
Program: Nuclear Power
EPRI Project Manager: David Perkins

Risk Impact Assessment of Extended Integrated Leak Rate Testing Intervals
1015529 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Frank J. Rahn

Materials Reliability Program: Stress Corrosion Cracking of Stainless Steel Components in Primary Water Circuit Environments of Pressurized Water Reactors (MRP-236)
1015540 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Gabriel O. Ilevbare

Program on Technology Innovation: Graphite Waste Separation
1016098 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Sean P. Bushart

Groundwater Protection Guidelines for Nuclear Power Plants
1016099 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Sean P. Bushart

Nondestructive Evaluation: Assessment of Reactor Internal Loss of Bolt Pre-Load—Feasibility
1016101 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Pedro Felipe Lara

Materials Reliability Program: Fracture Toughness Evaluation of Highly Irradiated PWR Stainless Steel Internal Components (MRP-210)
1016106 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Anne Genevieve Demma

ETTM—Instrument Uncertainty Determination, CBT Module, Version 1.0
1016108 (Software)
Program: Nuclear Power
EPRI Project Manager: Kenneth R. Caraway

An Evaluation of Alternative Classification Methods for Routine Low Level Waste From the Nuclear Power Industry
1016120 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Phung Kim Tran

BWRVIP-108NP: BWR Vessel and Internals Project, Technical Basis for the Reduction of Inspection Requirements for the Boiling Water Reactor Nozzle-to-Vessel Shell Welds and Nozzle Blend Radii
1016123 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Robert G. Carter

Experience-Based Seismic Equipment Qualification
1016125 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Robert Kassawara

Review of High Frequency Conducted Susceptibility Limits for Electromagnetic Compatibility Testing
1016158 (Technical Report)
Program: Combustion Performance and NO_x Control
EPRI Project Manager: Raymond C. Torok

BWRVIP-182: BWR Vessel and Internals Project, Guidance for Demonstration of Steam Dryer Integrity for Power Uprate
1016166 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Robert G. Carter

ETTM—Seismic Analysis, CBT Module, Version 1.0
1016238 (Software)
Program: Nuclear Power
EPRI Project Manager: Kenneth R. Caraway

ETTM—Material Properties of Metals, CBT Module, Version 1.0
1016248 (Software)
Program: Nuclear Power
EPRI Project Manager: Kenneth R. Caraway

Materials Reliability Program: Development of Preemptive Weld Overlay (PWOL) for Alloy 600 Primary Water Stress Corrosion Cracking (PWSCC) Mitigation (MRP-208)
1016252 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Kawaljit Singh Ahluwalia

Advanced Nuclear Technology (ANT) Margins and Monitoring Project Description
1016265 (Software)
Program: Nuclear Power
EPRI Project Manager: Tom J. Mulford

Program on Technology Innovation: Evaluation of Wear Characteristics of a Nanofluid in a Pressurized Water Reactor
1016281 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Heather M. Feldman

BWRVIP-184: BWR Vessel and Internals Project, Proceedings—BWRVIP Symposium in Orlando, Florida, December 13–14, 2007
1016322 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Randal Stark

Hot Cell Examination of AREVA Fuel Channel Coupons From Susquehanna 2006/2007
1016325 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Erik Mader

BWRVIP-34-A: BWR Vessel and Internals Project, Technical Basis for Part Circumference Weld Overlay Repair of Vessel Internal Core Spray Piping
1016377 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Robert G. Carter

Power Delivery

TFlash, Version 5.0
1012315 (Software)
Program: Overhead Transmission
EPRI Project Manager: Fabio Bologna

MSM (Motor Starting Module) Version 1.0
1013731 (Software)
Program: Power Quality
EPRI Project Manager: Bill Howe

FastFit (FFit) Version 3.0
1013735 (Software)
Program: Value and Risk in Energy Markets
EPRI Project Manager: Art M. Altman

EBS (Energy Book System) Version 6.0
1013736 (Software)
Program: Value and Risk in Energy Markets
EPRI Project Manager: Art M. Altman

OTLOT (Overhead Transmission Line Inspection—On-Line Training) Version 3.0
1013738 (Software)
Program: Overhead Transmission
EPRI Project Manager: John D. Kile

EPIC (EPRI Software for Polymer Insulators Electric Field Calculations) Version 1.0
1013740 (Software)
Program: Overhead Transmission
EPRI Project Manager: Timothy Shaw

PSTSR, Power System Transient Stability Region Version 1.0
1013744 (Software)
Program: Grid Operations
EPRI Project Manager: Pei Zhang

ESVT (Energy Storage Valuation Tool)—Modeling Stakeholder Costs and Benefits, Version 2.0
1013749 (Software)
Program: Energy Storage for DER, Renewable and T&D Applications
EPRI Project Manager: Daniel M. Rastler

DTCR (Dynamic Thermal Circuit Rating Software) Version 4.1

1013761 (Software)
Program: Increased Utilization of Transmission Corridors
EPRI Project Manager: Bernard Arthur Clairmont

Justification and Prioritization of Reliability Improvement Projects

1013767 (Technical Report)
Program: Power Quality
EPRI Project Manager: Bill Howe

Voltage Sag Direction

1013770 (Technical Report)
Program: Power Quality
EPRI Project Manager: Daniel Sabin

Mitigating the Effects of Temporary Overvoltage on Electronic Devices

1013771 (Technical Report)
Program: Power Quality
EPRI Project Manager: Brian D. Fortenbery

Plug-In Hybrid Electric Vehicle Performance Analysis

1013779 (Technical Report)
Program: Electric Transportation
EPRI Project Manager: Mark Duvall

Advanced Diagnostics

1013782 (Technical Report)
Program: Underground Distribution Systems
EPRI Project Manager: Matthew G. Olearczyk

Overhead Transmission Inspection and Assessment Guidelines—2007

1013784 (Technical Report)
Program: Overhead Transmission
EPRI Project Manager: John D. Kile

TL Workstation Tools (Tools and Software for Transmission Line Design) Version 1.0

1013785 (Software)
Program: Overhead Transmission
EPRI Project Manager: John Kar Leung Chan

EPRI Transmission Line Reference Book: 115–345-kV Compact Line Design

1013787 (Technical Report)
Program: Overhead Transmission
EPRI Project Manager: John Kar Leung Chan

Substation Ground Grid Impedance Measurement

1013793 (Technical Report)
Program: Substations
EPRI Project Manager: George Gela

Performance-Focused Maintenance Methodology for High-Voltage Circuit Breakers and Transformers—Volume I

1013795 (Technical Report)
Program: Substations
EPRI Project Manager: Bhavin Desai

Testing and Technical Issues Resolution Within IEC 61850

1013798 (Technical Report)
Program: Substations
EPRI Project Manager: Joseph William Hughes, Jr.

Solid State Load Changer

1013800 (Technical Report)
Program: Substations
EPRI Project Manager: Gordon Luke van der Zel

Integration of Advanced Automation and Enterprise Information System Infrastructures: Harmonization of IEC 61850 and IEC 61970/61968 Models

1013802 (Technical Report)
Program: Substations
EPRI Project Manager: Joseph William Hughes, Jr.

Utility Application Experiences of Probabilistic Risk Assessment Method

1013808 (Technical Report)
Program: Grid Planning
EPRI Project Manager: Pei Zhang

Best Practices Guide to Securing Wireless Substation Appliances

1013810 (Technical Report)
Program: Energy Information Security
EPRI Project Manager: Madhava Sushilendra

Asset Management Practices Survey

1013813 (Technical Report)
Program: Power Delivery Asset Management
EPRI Project Manager: Paul T. Myrda

Case Study—Asset Management Strategies for Distribution Equipment

1013815 (Technical Report)
Program: Power Delivery Asset Management
EPRI Project Manager: Paul T. Myrda

Data Specifications for Asset Management

1013816 (Technical Report)
Program: Power Delivery Asset Management
EPRI Project Manager: Paul T. Myrda

Distribution Fault Anticipation

1013824 (Technical Report)
Program: Advanced Distribution Automation
EPRI Project Manager: Christopher Melhorn

Distribution Fault Location

1013825 (Technical Report)
Program: Distribution Systems
EPRI Project Manager: Matthew G. Olearczyk

Information Technology for Enterprise Asset Management

1013860 (Technical Report)
Program: Enterprise Asset Management
EPRI Project Manager: Paul T. Myrda

Assessment of Wireless Technologies for Advanced Automation

1013864 (Technical Report)
Program: Strategic T&D Systems
EPRI Project Manager: Joseph William Hughes, Jr.

Using Outage Data to Improve Reliability

1013874 (Technical Report)
Program: Power Quality
EPRI Project Manager: Tom Short

Guide for Transmission Line Grounding

1013900 (Technical Report)
Program: Overhead Transmission
EPRI Project Manager: Fabio Bologna

Utility Documentation of Switching and Clearance Procedures

1013924 (Technical Report)
Program: Substations
EPRI Project Manager: George Gela

Interoperability Test #10 of the Common Information Model (CIM) and the Generic Interface Definition (GID) Standards

1013958 (Technical Report)
Program: Wide-Area Power Systems
EPRI Project Manager: David Becker

Life Extension Guidelines of Existing HVDC Systems

1013976 (Technical Report)
Program: HVDC Systems
EPRI Project Manager: Rambabu Adapa

Issues in Print Management

1014952 (Technical Report)
Program: Substations
EPRI Project Manager: George Gela

Manhole Cover Tests for Con Edison at the EPRI Manhole Testing Facility

1015220 (Technical Report)
Program: Underground Distribution Systems
EPRI Project Manager: Matthew G. Olearczyk

Measurement of Air Exchange in Interconnected Underground Structures for Con Edison

1015221 (Technical Report)
Program: Underground Distribution Systems
EPRI Project Manager: Matthew G. Olearczyk

Rain Shedding and Rainwater Runoff Tests on Cast Iron Vented Manhole Covers for Con Edison

1015222 (Technical Report)
Program: Underground Distribution Systems
EPRI Project Manager: Matthew G. Olearczyk

Final Report on Explosion Tests of Clogged Vented Covers for Con Edison at Lenox

1015223 (Technical Report)
Program: Underground Distribution Systems
EPRI Project Manager: Matthew G. Olearczyk

PowerSec Generic Security Analysis Report

1015531 (Technical Report)
Program: Energy Information Security
EPRI Project Manager: Thomas Edward Kropp

CSM (Capacitor Switching Module), Version 1.0

1016151 (Software)
Program: Power Quality
EPRI Project Manager: Bill Howe

Flicker Analysis Module (FAM) Version 1.0

1016153 (Software)
Program: Power Quality
EPRI Project Manager: Bill Howe

Program on Technology Innovation: Learning to Recognize Vulnerable Patterns of Cascaded Events

1016197 (Technical Report)
Program: Grid Operations
EPRI Project Manager: Pei Zhang

Critical Operating Constraints Forecasting

1016221 (Technical Report)
Program: Grid Operations
EPRI Project Manager: Stephen Ting-Yee Lee

Load Modeling Using a Measurement-Based Approach

1016255 (Technical Report)
Program: Grid Operations
EPRI Project Manager: Daniel Brooks

CBT—SF₆ (Sulfur Hexafluoride) Handling, 1.0

1016370 (Software)
Program: Substations
EPRI Project Manager: Gordon Luke van der Zel

CBT—SF₆ (Sulfur Hexafluoride) Analysis, Version 1.0

1016371 (Software)
Program: Substations
EPRI Project Manager: Gordon Luke van der Zel

Technology Innovation

Program on Technology Innovation: Economic Analysis of California Climate Initiatives, An Integrated Approach, Volume 2—Full Report

1014862 (Technical Report)
Program: Global Climate Change Policy Costs and Benefits
EPRI Project Manager: Geoffrey Blanford

Program on Technology Innovation: Economic Analysis of California Climate Initiatives, An Integrated Approach, Volume 3—Modeler's Appendices

1014863 (Technical Report)
Program: Global Climate Change Policy Costs and Benefits
EPRI Project Manager: Geoffrey Blanford

Program on Technology Innovation: Prediction and Evaluation of Environmentally Assisted Cracking in LWR Structural Materials

1014977 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Rajeshwar Pathania

Program on Technology Innovation: EPRI Yucca Mountain Spent Fuel Repository Evaluation

1015045 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: John Kessler

Program on Technology Innovation: Probabilistic Risk Assessment Requirements for Passive Safety Systems

1015101 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Stephen Michael Hess

Program on Technology Innovation: Education of Risk Professionals

1015103 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Frank J. Rahn

Program on Technology Innovation: Effects of Spatial Incoherence on Seismic Ground Motions

1015110 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Tom J. Mulford

Program on Technology Innovation: Validation of CLASSI and SASSI Codes to Treat Seismic Wave Incoherence in Soil-Structure Interaction (SSI) Analysis of Nuclear Power Plant Structures

1015111 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Tom J. Mulford

Program on Technology Innovation: New Plant Deployment Program Model

1015113 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Tom J. Mulford

Program on Technology Innovation: Development of the EPRI Magnetic Molecules Technology

1015117 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Sean P. Bushart

Program on Technology Innovation: Interlayer Mixing in Selective Catalytic Reduction Systems

1015438 (Technical Report)
Program: Postcombustion NO_x Control
EPRI Project Manager: David R. Broske

Program on Technology Innovation: Graphite Waste Separation

1016098 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Sean P. Bushart

Program on Technology Innovation: Improved Probability of Failure Analysis Using On-Line Equipment Condition Monitoring Data

1016173 (Technical Report)
Program: I&C and Automation for Improved Plant Operations
EPRI Project Manager: Aaron James Hussey

Program on Technology Innovation: Learning to Recognize Vulnerable Patterns of Cascaded Events

1016197 (Technical Report)
Program: Grid Operations
EPRI Project Manager: Pei Zhang

Program on Technology Innovation: Technology R&D Strategy for the Electric Power Industry—"Wild Cards"

1016239 (Technical Report)
Program: Technology Innovation
EPRI Project Manager: Stan Rosinski

Program on Technology Innovation: Evaluation of Wear Characteristics of a Nanofluid in a Pressurized Water Reactor

1016281 (Technical Report)
Program: Nuclear Power
EPRI Project Manager: Heather M. Feldman

Program on Technology Innovation: Development of a Conductivity/Corrosion Probe for Use in Boiler Water at Temperatures up to 360°C

1016361 (Technical Report)
Program: Technology Innovation
EPRI Project Manager: Charles Thomas Alley, Jr.