

The book was found

Nuclear Power Plant Reactor Training Manual: Boiling Water Reactor (BWR) Design At Japan TEPCO Fukushima Plant And U.S. Plants - Comprehensive Technical Data On Systems, Components, And Operations





Synopsis

Learn the full details of the nuclear power reactor design at the heart of the 2011 Japanese TEPCO Fukushima Daiichi disaster with this training manual for nuclear workers published by the Nuclear Regulatory Commission (NRC). Every important safety system which has played a key role in the crisis is discussed in detail, including the reactor core, containment, emergency core cooling, and others. Procedures and contingencies, such as the loss of coolant accident (LOCA) suffered at Fukushima, are also detailed. This General Electric reactor design is found in a number of American commercial nuclear facilities, including: Browns Ferry (Alabama), Brunswick (North Carolina), Cooper (Nebraska), Duane Arnold (Iowa), Fermi 2 (Michigan), Fitzpatrick (NY), Hatch (Georgia), Hope Creek (NJ), Peach Bottom (Pennsylvania), Vermont Yankee (Vermont). General subject areas are classified by chapters. Systems which fall under the general classification are arranged as sections within the chapter. Where applicable each section follows the same format; i.e., introduction, system description, component description, system features and interrelations, and summary. The system introduction states the system purpose and functional classification. The purpose of the introduction is to orient the reader. The system description provides the reader with an overview of the system and its components. Attention is focused on major components and their purposes without including the detail found in the component description. The components are listed in basic flow path order or block diagram arrangement. Each component is described in appropriate detail with specific set points and capacities. The system features and interrelations section includes such items as the operational features and limitations. It also identifies interfaces with other systems. Contents include: Plant Layout, Reactor Physics, Thermal Limits, Chemistry, Probabilistic Risk Assessment, Reactor Vessel Systems, Fuel and Control Rods System, Control Rod, Recirculation, Main Steam, Condensate, Reactor Core Isolation, Process Instrumentation, Primary Containment, Secondary Containment, Neutron Monitoring, Display, Reactivity Control, Rod Worth Minimizer, Radioactive Waste Processing, Electrical, Emergency Core Cooling, Water and Air, Reactor Operations, and more. This is a privately authored news service and educational publication of Progressive Management.

Book Information

File Size: 587 KB

Print Length: 240 pages

Simultaneous Device Usage: Unlimited

Publisher: Progressive Management (March 22, 2011)

Publication Date: March 22, 2011

Sold by: Digital Services LLC

Language: English

ASIN: B004TGUSEE

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #847,906 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #38

in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Nuclear #219

in Books > Engineering & Transportation > Engineering > Energy Production & Extraction >

Nuclear #278 in Books > Engineering & Transportation > Engineering > Energy Production &

Extraction > Electric

[Download to continue reading...](#)

Nuclear Power Plant Reactor Training Manual: Boiling Water Reactor (BWR) Design at Japan
TEPCO Fukushima Plant and U.S. Plants - Comprehensive Technical Data on Systems,
Components, and Operations Air Plants: A Beginners Guide To Understanding Air Plants, Growing
Air Plants and Air Plant Care (Air Plants, Ornamental Plants, House Plants) Nuclear Reactor Design
(An Advanced Course in Nuclear Engineering) Water Treatment WSO: Principles and Practices of
Water Supply Operations Volume 1 (Water Supply Operations Series) Strong in the Rain: Surviving
Japan's Earthquake, Tsunami, and Fukushima Nuclear Disaster Puppy Training: How To Train a
Puppy: A Step-by-Step Guide to Positive Puppy Training (Dog training,Puppy training, Puppy house
training, Puppy training ... your dog,Puppy training books Book 3) Data Analytics: Practical Data
Analysis and Statistical Guide to Transform and Evolve Any Business Leveraging the Power of Data
Analytics, Data Science, ... (Hacking Freedom and Data Driven Book 2) Puppy Training: Puppy
Training for Beginners: The Complete Puppy Training Guide to Crate Training, Clicker Training,
Leash Training, Housebreaking, Nutrition, and More Puppy Training: Step By Step Puppy Training
Guide- Unique Tricks Included (puppy training for kids, puppy tricks, puppy potty training,
housebreak your dog, obedience training, puppy training books) Data Architecture: A Primer for the
Data Scientist: Big Data, Data Warehouse and Data Vault Puppy Training Guide 4th Edition: The
Ultimate handbook to train your puppy in obedience, crate training and potty training (Training
manual, Puppy Development, ... Training, Tracking, Retrieving, Biting) The Illustrated Practical

Guide to Water & Rock Gardening: Everything You Need To Know To Design, Construct And Plant Up A Rock Or Water Garden With Directories Of Suitable Plants And How To Grow Them Solar PV Powered UV Water Treatment: How to Solar Power UV Water Sterilizing Systems for Drinking Water Onsite Atomic Accidents: A History of Nuclear Meltdowns and Disasters: From the Ozark Mountains to Fukushima Crisis Without End: The Medical and Ecological Consequences of the Fukushima Nuclear Catastrophe Radiation Monitoring and Dose Estimation of the Fukushima Nuclear Accident Fukushima: The Story of a Nuclear Disaster Puppy Training: 10 Worst Puppy Training Mistakes That Can Ruin Your Dog (And How To Train Them Right) (puppy training, dog training, puppy house breaking, ... training a puppy, how to train your puppy) Puppy Training: The Complete Guide To Housebreak Your Puppy in Just 7 Days: puppy training, dog training, puppy house breaking, puppy housetraining, house ... training, puppy training guide, dog tricks) Puppy Training: The Ultimate Guide to Housebreak Your Puppy in Just 7 Days: puppy training, dog training, puppy house breaking, puppy housetraining, house ... training, puppy training guide, dog tricks)

[Dmca](#)