Decommissioning Handbook

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Description

This comprehensive and authoritative volume on decommissioning of nuclear facilities will serve as a complete introduction to those new to the field, as well as an up-to-date desk reference on regulations and resources for experienced practitioners.

The handbook will provide a forum building a network of consistent approaches, practices, and results. Covering both NRC and DOE approaches, this book applies not only to decommissioning existing facilities, but by crossing the traditional lines between operations and reuse, this will also allow us to rethink the construction of new ones.

The expert team of authors provides valuable lessons from their collective experiences in nuclear decommissioning. They represent areas pertaining to policy, engineering, and science. The handbook focuses primarily on time-tested and proven technologies.

The text is supplemented by a CD-ROM, which provides readers with a living resource through links to Internet-based updates containing latest information.

CD Supplement is available to purchasers upon request to ASME Publishing.

Part 1: Introduction

Chapter 1 Decommissioning Overview

Chapter 2 The Nuclear and Related Industry

Part 2: Regulatory Requirements and Policy Issues

Chapter 3 NRC Requirements for Decommissioning

Chapter 4 Environmental and Related Requirements

Chapter 5 Internal Requirements of the DOE

Chapter 6 Occupational Safety and Health Requirements

Chapter 7 Risk Analysis in Decommissioning

Chapter 8 Public and Stakeholder Participation