

control and pollution control, groundwater control, gas control, on-site and off-site disposal of waste and soil, removal of contaminants and of contaminated sediments, in-situ treatment, direct waste treatment and clean up of contaminated water supplies, and water and sewer lines.

GARY F. BENNETT

Innovative Thermal Processes for Treating Hazardous Wastes, by H.M. Freeman, Technomic, Lancaster, PA, 1986, ISBN 87762-482-8, 98 pages, soft-cover, \$25.00.

Freeman, one of this journal's editorial board members, has written a short, but useful, authoritative, and as the title says, "innovative" book on thermal oxidation of hazardous wastes. The data in the book are based, in large part, on U.S. Environmental Protection Agency's research and literature surveys, many of which the author had a role in. Many of the precursor papers on which the book is based have been published in this journal.

The author has placed the data in nine major chapters (listed below), but with several subdivisions in each:

- Wet Oxidation
- Molten Glass
- Molten Salt
- Fluidized Bed Incineration
- Pyrolysis
- Electric Reactors
- Plasma System
- Chemical Transformation
- Advanced Incinerators

The book is clearly and concisely written and pleasingly displayed. The publisher and author have made it easy for the reader to quickly gain an appreciation on what is on the horizon for hazardous waste incineration. My only major criticism is the very short (17 references) bibliography most of which are probably difficult-to-get company reports; I wish it had been longer, more complex and more accessible.

GARY F. BENNETT

Impacts of Hazardous Technology: The Psychosocial Effects of Restarting TMI-1, by J. Sorenson, J. Saderstrom, E. Greenhaver, S. Carner and R. Bulin, State University of New York Press, Albany, NY, 1987, ISBN 0-88706-332-2, 234 pages, \$39.50.

This book presents an evaluation of the psychosocial impact of hazardous technology. Using a multiple research strategy, the authors show the possible effects of restarting the undamaged reactor at Three Mile Island. The book includes background information on environmental policies, the accident itself, the restarting issue and forecasted implications for environmental management.

The eight chapters of the book include:

1. TMI Restart: Setting the Scene
2. TMI Restart and Environmental Policy
3. Defining Relevant Issues: The Local Perspective on Restart
4. Examining the Issue's Perspective from Social Science Research
5. The Accident and Restart
6. Forecasting the Impacts
7. Mitigating the Impact
8. Implications for Environmental Management

GARY F. BENNETT

Law of Chemical Regulations and Hazardous Waste, by D.W. Stewart, Clark Bondman Co., New York, NY, 1986, ISBN 0-87632-495-2, 772 pages, \$95.00.

The author has clearly and concisely covered the complete (United States) law on chemical regulations and hazardous waste.

Following a short introductory chapter, Stewart has seven chapters entitled:

- Health and Safety Regulation of Chemicals Under the Toxic Substances Control Act
- Pesticides
- Chemicals in Consumer Products
- Regulations of the Generation, Transportation, Storage and Disposal of Hazardous Wastes
- Regulation of Toxic and Hazardous Air Emissions, Wastewater Effluents and Groundwater Pollution
- Regulation of Chemicals in Foods
- Government Regulation of Worker Exposure to Chemicals

Written by a Professor of Law, the text is really directed toward the legal profession with cases and legal analysis provided. However, it is written so that the environmental engineer/manager can comprehend and benefit from it. It is a valuable book to have in one's possession.

GARY F. BENNETT