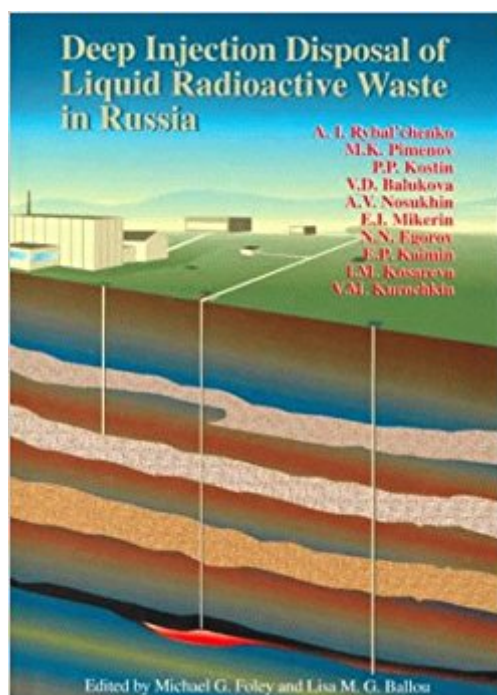


The book was found

# Deep Injection Disposal Of Liquid Radioactive Waste In Russia



## Synopsis

This book, published by Izdat in Moscow in 1994, tells the story of the first 40 years of work in the former Soviet Union to devise, test, and execute a program to dispose by deep injection millions of cubic meters of liquid radioactive wastes from nuclear materials reprocessing. The book explains decisions involving safety aspects, research results, and practical experience gained during the creation and operation of disposal systems. One objective for publishing the original Russian text was to set forth the results of studies and practical efforts in a form accessible to a broad audience. These studies of deep injection disposal will be useful in studying other problems worldwide involving the economic use of the space beneath the Earth's surface. The material in this book is, therefore, presented with an eye toward other possible applications. Because liquid radioactive wastes are so toxic and the decisions made are so vital, many topics in waste disposal have been examined with special care. Developments in this area will be of great interest for the disposal of nonradioactive wastes.

## Book Information

Hardcover: 216 pages

Publisher: Battelle Press (January 1998)

Language: English

ISBN-10: 1574770640

ISBN-13: 978-1574770643

Product Dimensions: 10.3 x 7.2 x 0.8 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,430,094 in Books (See Top 100 in Books) #33 in [Books > Science & Math > Environment > Recycling](#) #396 in [Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Nuclear](#) #1486 in [Books > Science & Math > Physics > Nuclear Physics](#)

## Customer Reviews

"This book is the most comprehensive account available in the West that describes the Soviet and Russian practice of disposing of radioactive wastes into deep geological formations. The authors have major technical responsibilities for the geological investigations, chemical interactions, and engineering of the facilities. They describe the geologic requirements, investigations for compliance, systems design, and results of the operation of massive systems at Tomsk-7 and Krasnoyarsk-26

for over 30 years. "Written for the general public in Russia in 1994, the book offers valuable, unique data despite the fact that the material is not exhaustive in technical detail, and some questions do remain unanswered. The book is enormously beneficial because of its historical account of the development and implementation of the deep injection of radioactive wastes that allow the Russians to 'prevent impacts of radioactivity in many regions of the country.' It also gives more details about the requirements and the implementation of such systems than were previously available in the West. It should be of interest not only to the nuclear waste community but also to those struggling with the disposal of hazardous chemicals. It deserves to be published." -- Frank L. Parker, Professor, Civil and Environmental Engineering, Vanderbilt University

Dr. Michael G. Foley, principal editor for this translation, a staff scientist at Pacific Northwest National Laboratory (operated by Battelle), is an acknowledged Western expert on the storage and migration of radioactively contaminated wastes at the former Soviet Union's principal nuclear-materials reprocessing sites. Dr. Foley has published numerous reports, journal articles, and presentations with his Russian counterparts, and he has traveled to Russia to participate in joint field-characterization activities to better understand the migration of radioactive contaminants at the sites.

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

Deep Injection Disposal of Liquid Radioactive Waste in Russia Nuclear Reactions: The Politics of Opening a Radioactive Waste Disposal Site Geological Disposal of Radioactive Wastes and Natural Analogues, Volume 2 (Waste Management) Geological Disposal of Radioactive Wastes and Natural Analogues vol 2 (Waste Management) Plastic Injection Molding: Product Design & Material Selection Fundamentals (Vol II: Fundamentals of Injection Molding) (Fundamentals of injection molding series) Plastic Injection Molding: Mold Design and Construction Fundamentals (Fundamentals of Injection Molding) (2673) (Fundamentals of injection molding series) E-Juice Recipes: Shake and Vape E-Liquid Recipes For Your Electronic Cigarette, E-Hookah G-Pen: Quick and tasty E-liquid recipes that you can enjoy today. ... E-liquid recipes for DIY E-juicers. Book 3) Plastics Waste Management: Disposal, Recycling, and Reuse Radioactive Waste Management, Second Edition Understanding Radioactive Waste Behind the Nuclear Curtain: Radioactive Waste Management in the Former Soviet Union Radioactive Waste Management Liquid Soapmaking: Tips, Techniques and Recipes for Creating All Manner of Liquid and Soft Soap Naturally! Diving Deep: A Beginners Guide to Deep Sea Diving: (Scuba, Snorkelling, Diving, Scuba Diver, Deep Sea Diving, Swimming, Scuba Diving) DEEP HEALING SLEEP CD: Deep Relaxation, Guided Imagery

Meditation and Affirmations Proven to Help Induce Deep, Restful Sleep  
Zero Waste Home: The Ultimate Guide to Simplifying Your Life by Reducing Your Waste  
Geoenvironmental Engineering: Site Remediation, Waste Containment, and Emerging Waste Management Technologies  
Feedstock Recycling and Pyrolysis of Waste Plastics: Converting Waste Plastics into Diesel and Other Fuels  
Characterization of Remote-Handled Transuranic Waste for the Waste Isolation Pilot Plant: Final Report (Compass series)  
Combustion Instabilities in Liquid Rocket Engines: Testing and Development Practices in Russia (Progress in Astronautics & Aeronautics) (Progress in Astronautics and Aeronautics)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)