

Best International Practices in Nuclear Decommissioning and Remediation of Contaminated Sites / Edited by I. I. Linge and A. A. Abramov. — 2017. — 524 p.

The two-volume monography considers the issues of origin and solution of nuclear legacy problems in four countries: USA, UK, France and Canada. Historical practices of nuclear facility operations that caused the environmental contamination and led to a number of nuclear legacy problems are reviewed for each country.

The first volume describes the evolution of the environmental protection legislation in the USA; some chapters of the book are dedicated to the current state of legal and regulatory framework of decommissioning and remediation. Funding arrangements for the nuclear legacy remediation projects are evaluated, including the past and future financial commitments.

General provisions of the state programs and strategies for implementation of these projects and remediation of territories are covered; key measures implemented or planned to be implemented in the framework of the programs are identified. Analysis of approaches and tools used for optimization and maximizing the efficiency of operations is provided.

A separate chapter of the second volume reviews the issues associated with public engagement during the implementation of such projects.

The book is addressed to scientists and nuclear specialists, and may also be of interest for a broader audience interested in solution of the nuclear legacy problems.

The team of authors took part in preparation of materials of the monography: Specialists of IBRAE RAN N. S. Tsebakovskaya, S. S. Utkin, A. Yu. Ivanov and assistant professor of NNU MEPhI V. K. Sakharov.

Since the monography covers not only the technological aspects of solving the nuclear legacy problems, but also gives the analysis of management practices, including state and corporate management, experts from the Moscow office of the leading international company «The Boston Consulting Group» specializing in management consulting took part in preparation of the edition.

The monography was edited by the Deputy Director of IBRAE RAN, Dr. Igor Innokentievich Linge and Deputy Director of the State Corporation “Rosatom” for state policy in the field of radioactive waste, spent nuclear fuel management and decommissioning of nuclear- and radiation-hazardous facilities Alexander Anatolievich Abramov.