1. Record Nr. UNINA9910349524203321 Autore Basu Dipak Titolo The Political Economy of Nuclear Energy [[electronic resource]]: Prospects and Retrospect / / by Dipak Basu, Victoria W. Miroshnik Pubbl/distr/stampa Cham: .: Springer International Publishing: .: Imprint: Palgrave Macmillan, , 2019 **ISBN** 3-030-27029-7 Edizione [1st ed. 2019.] Descrizione fisica 1 online resource (275 pages) Disciplina 333.7924 Soggetti Natural resources Nuclear energy Energy policy Energy and state **Economic policy Economics** Political economy Natural Resource and Energy Economics **Nuclear Energy** Energy Policy, Economics and Management Political Economy/Economic Systems International Political Economy Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Part I: Political Economy of Nuclear Power -- 1. Advantages of Nuclear Nota di contenuto Power -- 2. Geopolitical aspects of Nuclear Power -- 3. Economic Aspects of Nuclear Power -- 4. Military Aspects of Nuclear Energy --Part II: Retrospect of Nuclear Power Development -- 5. History of Nuclear Power Development -- 6. Global Nuclear Policy Development -- 7. Global Nuclear Investment Environment -- Part III: Prospect of Nuclear Power Development -- 8. Germany as a Nuclear Power -- 9. The USA as a Nuclear Power -- 10. Russia as a Nuclear Power -- 11.

Japan as a Nuclear Power -- 12. India as a Nuclear Power -- 13. China as a Nuclear Power -- 14. The Future of Nuclear Power Development.

Sommario/riassunto

Using primarily Russian sources, this book explains the political and economic aspects of nuclear power. The nuclear fuel cycle is described, from the mining of natural uranium to the ultimate power generation, and to reprocessing to produce plutonium which is essential for both electricity generation and for weapons production. Historical aspects of nuclear developments in Germany, the USA, India, China and the Soviet Union are also considered and explained. The book then proceeds to argue that Russia is more powerful today in its nuclear weapons system and delivery than ever before, and that it is precisely this which has provoked President Trump to cancel the strategic nuclear weapons reduction treaty.