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| Altri autori (Persone)  | ValentineScott V   |
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| Nota di bibliografia    | Includes bibliographical references and index.   |
| Nota di contenuto       | Cover; Title; Copyright; Contents; List of figures; List of tables; Acknowledgments; List of Acronyms and abbreviations; 1 Introduction; Why nuclear power?; Contribution to nuclear scholarship; Methods and key concepts; Case selection; Introducing a theory of nuclear socio-political economy; National security and secrecy; Technocratic ideology; Economic interventionism; Centrally coordinated energy stakeholder network; Subordination of opposition to political authority; Social peripheralization; Up ahead; 2 An introduction to nuclear power technology; Industry overview<br>Nuclear reactor typesNuclear reactor generations; The basics of the nuclear lifecycle; Uranium mining and milling; Plant construction and operation; Interim and permanent waste storage; Used fuel reprocessing and disposal; Decommissioning; Nuclear technology and the socio-political economy; Nuclear technology and the political realm; Nuclear technology and the economics of electricity generation; Nuclear technology and society; 3 United States; Background; National |

security and secrecy; Technocratic ideology; Economic interventionism; Centrally coordinated energy stakeholder network  
 Subordination of opposition to political authority  
 Social peripheralization; Looking to the future; 4 France; Background; National security and secrecy; Technocratic ideology; Economic interventionism; Centrally coordinated energy stakeholder network; Subordination of opposition to political authority; Social peripheralization; Looking to the future; 5 Japan; Background; National security and secrecy; Technocratic ideology; Economic interventionism; Centrally coordinated energy stakeholder network; Subordination of opposition to political authority; Social peripheralization; Looking to the future; 6 Russia and the former Soviet Union; Background; National security and secrecy; Technocratic ideology; Economic interventionism; Centrally coordinated energy stakeholder network; Subordination of opposition to political authority; Social peripheralization; Looking to the future; 7 South Korea; Background; National security and secrecy; Technocratic ideology; Economic interventionism; Centrally coordinated energy stakeholder network; Subordination of opposition to political authority; Social peripheralization; Looking to the future; 8 Canada; Background; National security and secrecy; Technocratic ideology; Economic interventionism; Centrally coordinated energy stakeholder network; Subordination of opposition to political authority; Social peripheralization; Looking to the future; 9 China; Background; National security and secrecy; Technocratic ideology; Economic interventionism; Centrally coordinated energy stakeholder network; Subordination of opposition to political authority; Social peripheralization; Looking to the future; 10 India; Background; National security and secrecy; Technocratic ideology; Economic interventionism; Centrally coordinated energy stakeholder network

## Sommario/riassunto

This book offers a comprehensive assessment of the dynamics driving, and constraining, nuclear power development in Asia, Europe and North America, providing detailed comparative analysis. The book formulates a theory of nuclear socio-political economy which highlights six factors necessary for embarking on nuclear power programs: (1) national security and secrecy, (2) technocratic ideology, (3) economic interventionism, (4) a centrally coordinated energy stakeholder network, (5) subordination of opposition to political authority, and (6) social peripheralization. The book vali