The Ethics of Nuclear Energy
Behnam Taebi and Sabine Roeser

Despite the nuclear accident at the Fukushima-Daiichi plant in Japan, a growing number of countries are interested in expanding or introducing nuclear energy. However, nuclear energy production and nuclear waste disposal give rise to pressing ethical questions that society needs to face. This book takes up this challenge with essays by an international team of scholars focusing on the key issues of risk, justice and democracy. The essays consider a range of ethical issues including radiological protection, the influence of gender in the acceptability of nuclear risk, and environmental, international and intergenerational justice in the context of nuclear energy. They also address the question of when and under which conditions nuclear energy should play a role in the world’s future supply of electricity, looking at both developing and industrialized countries. The book will interest readers in ethics and political philosophy, social and political sciences, nuclear engineering and policy studies.

Contents:
1. The ethics of nuclear energy: an introduction
Part I. Risk:
2. Nuclear energy and the ethics of radiation protection
3. The unknowable ceilings of safety: three ways that nuclear accidents escape the calculus of risk assessments
4. Rights to know and the Fukushima, Chernobyl and Three Mile Island accidents
5. Gender, ethical voices and UK nuclear energy policy in the post-Fukushima era
Part II. Justice:
6. The need for a public ‘explosion’ in the ethics of radiological protection in nuclear power
7. Distributive versus procedural justice in nuclear waste repository siting
8. Nuclear energy, justice, and energy: the case of the Pilgrim Nuclear Power Station license renewal
9. Non-anthropocentric nuclear energy ethics
Part III. Democracy:
10. Morally experimenting with nuclear energy
11. Global nuclear energy and international security
12. Nuclear energy, the capability approach and the developing world
13. The role of nuclear energy in the future energy landscape: energy scenarios, nuclear energy and sustainability

Price: c.£50 | c.$99

- Readable and accessible to a broad audience of philosophers, social scientists and nuclear engineers
- Provides up-to-date and high quality essays written by an international team of leading scholars
- Proposes a new field of study: the ethics of nuclear energy

For more information on Cambridge titles, please visit our website:
www.cambridge.org