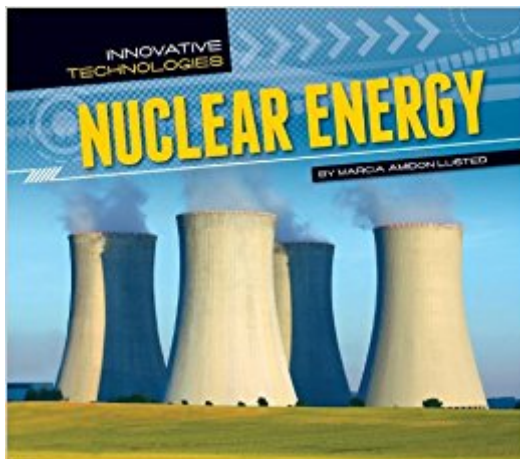


The book was found

Nuclear Energy (Innovative Technologies)



Synopsis

As our world's population grows, so to does our need for energy. Scientists seek the next breakthrough in new technology while constantly finding ways to make current solutions cheaper and more efficient. In this title, discover what nuclear energy is, its history, how we use it today, and how new technologies can contribute to our energy future. Learn how researchers are working to solve nuclear energy's problems, including radiation dangers, handling nuclear waste, and making new plants more efficient, cheaper, smaller, and safer. Sidebars, full-color photos, full-spread diagrams, well-placed graphs, charts, and maps, stories highlighting innovations in action, and a glossary enhance this engaging title. Aligned to Common Core Standards and correlated to state standards. Essential Library is an imprint of Abdo Publishing, a division of ABDO.

Book Information

Series: Innovative Technologies

Library Binding: 112 pages

Publisher: Essential Library (January 1, 2013)

Language: English

ISBN-10: 1617834661

ISBN-13: 978-1617834660

Product Dimensions: 9.7 x 0.5 x 8.4 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #5,671,587 in Books (See Top 100 in Books) #79 in [Books > Teens > Education & Reference > Science & Technology > Technology > How Things Work](#) #271 in [Books > Teens > Education & Reference > Science & Technology > Environmental Conservation & Protection](#) #409 in [Books > Teens > Education & Reference > Science & Technology > Ecology](#)

Customer Reviews

Gr 6-10-These titles examine the application of modern technology to problems of energy and food supply. Nuclear Energy looks at both the benefits and problems associated with the generation of power through nuclear technology from a global perspective. It includes short history of the progress of nuclear energy from the discovery of uranium in the late 19th century through the current need to move away from fossil fuels. The problems associated with radiation, waste disposal, public opinion, and the accidents at Chernobyl and Fukushima are addressed before concluding that the

importance of nuclear energy is so great that all such difficulties will need to be surmounted to ensure a cleaner and more sustainable energy source of the future. Wind Energy also addresses the potentials and problems with this source of energy. The drawbacks involving aesthetics, noise, health issues, and the slaughter of birds and bats are discussed and generally dismissed as problems that will be overcome with newer and better technologies. Innovations in solar technology give hope for a power source that has few drawbacks and many benefits. Sustainable Agriculture tackles the growing needs of developing nations and the effect on climate, depletion of forests and rain forests, and the pollution of water sources due to increased large-scale agriculture. Genetic engineering of food materials as a real and current concern is given a lengthy analysis. Local and sustainable growing methods are discussed with the hope that they might take root as a means of feeding an ever-growing world population. Some sidebar information is not completely explored and some concerns not fully reviewed, but these titles will be useful as basic source materials for research and discussion.-Eva Elisabeth VonAncken, formerly at Trinity-Pawling School, Pawling, NY (c) Copyright 2013. Library Journals LLC, a wholly owned subsidiary of Media Source, Inc. No redistribution permitted.

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

Nuclear energy. Radioactivity. Engineering in Nuclear Power Plants: Easy course for understanding nuclear energy and engineering in nuclear power plants (Radioactive Disintegration) Nuclear Prepared - How to Prepare for a Nuclear Attack and What to do Following a Nuclear Blast: Everything you Need to Know to Plan and Prepare for a Nuclear Attack Nuclear Energy (Innovative Technologies) Handbook of Nuclear Chemistry: Vol. 1: Basics of Nuclear Science; Vol. 2: Elements and Isotopes: Formation, Transformation, Distribution; Vol. 3: ... Nuclear Energy Production and Safety Issues. Wind Energy (Innovative Technologies) Solar Energy (Innovative Technologies) Methane Energy (Innovative Technologies) Coal Power Technologies Explained Simply: Energy Technologies Explained Simply (Volume 6) Reiki: The Healing Energy of Reiki - Beginner's Guide for Reiki Energy and Spiritual Healing: Reiki: Easy and Simple Energy Healing Techniques Using the ... Energy Healing for Beginners Book 1) Keeping the Lights on at America's Nuclear Power Plants (Shultz-Stephenson Task Force on Energy Policy Reinventing Nuclear Power Essay) Nuclear Energy, Seventh Edition: An Introduction to the Concepts, Systems, and Applications of Nuclear Processes Nuclear Energy, Fourth Edition: An Introduction to the Concepts, Systems and Applications of Nuclear Processes Nuclear Energy, Fourth Edition: An Introduction to the Concepts, Systems, and Applications of Nuclear Processes (Pergamon Unified Engineering Series) Innovative Teaching Strategies In Nursing And Related Health Professions (Bradshaw,

Innovative Teaching Strategies in Nursing and Related Health Professions) The Sorcerers and Their Apprentices: How the Digital Magicians of the MIT Media Lab Are Creating the Innovative Technologies That Will Transform Our Lives Sustainable Agriculture (Innovative Technologies) Hydrogen and Fuel Cells (Innovative Technologies) Hybrid and Electric Vehicles (Innovative Technologies) Feature Detectors and Motion Detection in Video Processing (Advances in Multimedia and Interactive Technologies) (Advances in Multimedia and Interactive Technologies (Amit)) Telemedicine Technologies: Information Technologies in Medicine and Telehealth

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)