

# [PDF] Atomic Awakening: A New Look At The History And Future Of Nuclear Power

James Mahaffey - pdf download free book

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## Books Details:

Title: Atomic Awakening: A New Look

Author: James Mahaffey

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## Description:

**From Publishers Weekly** For many people, the idea of nuclear power died with the 1986 Chernobyl meltdown, but for the curious and open-minded, this book offers a timely look at nuclear technology that, the author argues, could provide plenty of cheap, renewable energy, if only we can get past our oversized dread of it. Mahaffey's history lesson begins along a familiar path, from 17th-century chemist Robert Boyle to the great 20th-century physicists. Nazism and WWII sent hundreds of scientists—and their cutting-edge work—to the U.S. But the war also sent that research underground in the ultra-secret Manhattan Project. Researchers also dreamed of peaceful atoms to generate electricity and run submarines, planes and rockets. The specters of Hiroshima and a few

horrifying nuclear accidents displaced that peaceful vision. With a wealth of anecdotes, Mahaffey, a senior research scientist at the Georgia Tech Research Institute, offers hope leavened with pragmatism that, while nuclear technology may be experimental forever, it can still be useful and safe. (*Aug.*)

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**Review** Atomic Awakening offers an essential look at nuclear power and how it will overcome its negative connotations to shape our century. (Scientific American Book Club Selection)

The world of science education in America would be an altogether different one if its textbooks were as readable as James Mahaffey's latest on nuclear technology. (Charleston Post-Courier, Michael S. Smith II)

ATOMIC AWAKENING provides the most complete history of nuclear power, nuclear weapons and nuclear energy development I have ever read in a single book. (*Nuclear Street, review by Randy Brich*)

The book aids in the understanding of how atomic science is far from the spawn of a wicked weapons program and how nuclear power will shape the 21st century, in which renewable energy and climate change have become defining concerns. (Nuclear News)

“Starred Review. Mahaffey writes with delightful witty prose. A surprisingly entertaining history of nuclear power.” (**Kirkus Reviews** )

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