

Atomic Awakening A New Look At The History And Fu

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The Making of the Atomic Bomb Richard Rhodes 1988

George Washington's Surprise Attack Phillip Thomas Tucker 2016-08-23 This “blow-by-blow re-creation of George Washington’s 1776 Christmas crossing of the Delaware and the capture of Trenton . . . brims with colorful information” (Kirkus). The events of the American Revolution are often obscured by stubbornly held romantic myths. But in this fascinating study, Phillip Thomas Tucker eschews fiction and legend to provide an in-depth look at the Battle of Trenton, offering new insights and fresh analysis. Stories from many forgotten individuals of the war, including officers and soldiers from both sides, bring to life the Continental Army’s desperate circumstances and shocking victory. Tucker debunks many myths, including the Hessians’ slovenly drunkenness, Washington acting alone in creating the attack strategy, and Col. Johann Rall’s incompetence as a leader. By exploring the forgotten aspects of this pivotal battle, Tucker reveals an even more fascinating narrative. No chapter of American history was more miraculous than Washington’s improbable success at the battle of Trenton, where the nation’s fate was decided to almost everyone’s amazement on a dark, snowy morning.

[The Future of Nuclear Power](#) James A. Mahaffey 2012 Discusses the future of nuclear reactors particularly whether smaller inexpensive reactors will become more prevalent or if reactors will become part of an alternative fuel economy.

[The Second Arab Awakening](#) Marwan Muasher 2014-01-28 A knowledgeable insider provides the first clear view of what has happened in the Arab world and why

[On Swift Horses](#) Shannon Pufahl 2019-11-05 A lonely newlywed and her wayward brother-in-law follow divergent and dangerous paths through the postwar American West. Muriel is newly married and restless, transplanted from her rural Kansas hometown to life in a dusty bungalow in San Diego. The air is rich with the tang of salt and citrus, but the limits of her new life seem to be closing in: She misses her freethinking mother, dead before Muriel's nineteenth birthday, and her sly, itinerant brother-in-law, Julius, who made the world feel bigger than she had imagined. And so she begins slipping off to the Del Mar racetrack to bet and eavesdrop, learning the language of horses and risk. Meanwhile, Julius is testing his fate in Las Vegas, working at a local casino where tourists watch atomic tests from the roof, and falling in love with Henry, a young card cheat. When Henry is eventually discovered and run out of

town, Julius takes off to search for him in the plazas and dives of Tijuana, trading one city of dangerous illusions and indiscretions for another. *On Swift Horses* is a debut of astonishing power: a story of love and luck, of two people trying to find their place in a country that is coming apart even as it promises them everything.

Atomic America Todd Tucker 2009-03-03 On January 3, 1961, nuclear reactor SL-1 exploded in rural Idaho, spreading radioactive contamination over thousands of acres and killing three men: John Byrnes, Richard McKinley, and Richard Legg. The Army blamed "human error" and a sordid love triangle. Though it has been overshadowed by the accident at Three Mile Island, SL-1 is the only fatal nuclear reactor incident in American history, and it holds serious lessons for a nation poised to embrace nuclear energy once again. Historian Todd Tucker, who first heard the rumors about the Idaho Falls explosion as a trainee in the Navy's nuclear program, suspected there was more to the accident than the rumors suggested. Poring over hundreds of pages of primary sources and interviewing the surviving players led him to a tale of shocking negligence and subterfuge. The Army and its contractors had deliberately obscured the true causes of this terrible accident, the result of poor engineering as much as uncontrolled passions. A bigger story opened up before him about the frantic race for nuclear power among the Army, the Navy, and the Air Force -- a race that started almost the moment the nuclear bombs were dropped on Hiroshima and Nagasaki. The National Reactor Testing Station (NRTS), where the meltdown occurred, had been a proving ground where engineers, generals, and admirals attempted to make real the Atomic Age dream of unlimited power. Some of their most ambitious plans bore fruit -- like that of the nation's unofficial nuclear patriarch, Admiral Rickover, whose "true submarine," the USS Nautilus, would forever change naval warfare. Others, like the Air Force's billion dollar quest for a nuclear-powered airplane, never came close. The Army's ultimate goal was to construct small, portable reactors to power the Arctic bases that functioned as sentinels against a Soviet sneak attack. At the height of its program, the Army actually constructed a nuclear powered city inside a glacier in Greenland. But with the meltdown in Idaho came the end of the Army's program and the beginning of the Navy's longstanding monopoly on military nuclear power. The dream of miniaturized, portable nuclear plants died with McKinley, Legg, and Byrnes. The demand for clean energy has revived the American nuclear power industry. Chronic instability in the Middle East and fears of global warming have united an unlikely coalition of conservative isolationists and fretful environmentalists, all of whom are fighting for a buildup of the emission-free power source that is already quietly responsible for nearly 20 percent of the American energy supply. More than a hundred nuclear plants generate electricity in the United States today. Thirty-two new reactors are planned. All are descendants of SL-1. With so many plants in operation, and so many more on the way, it is vitally important to examine the dangers of poor design, poor management, and the idea that a nuclear power plant can be inherently safe. Tucker sets the record straight in this fast-paced narrative history, advocating caution and accountability in harnessing this feared power source.

The Periodic Table Primo Levi 1996-10-01 *The Periodic Table* is largely a memoir of the years before and after Primo Levi's transportation from his native Italy to Auschwitz as an anti-Facist partisan and a Jew. It recounts, in clear, precise, unfailingly beautiful prose, the story of the Piedmontese Jewish community from which Levi came, of his years as a student and young chemist at the inception of the Second World War, and of his investigations into the nature of the material world. As such, it provides crucial links and backgrounds, both personal and intellectual, in the tremendous project of remembrance that is Levi's gift to posterity. But far from being a prologue to his experience of the Holocaust, Levi's masterpiece represents his most impassioned response to the events that engulfed him. *The Periodic Table* celebrates the pleasures of love and friendship and the search for meaning, and stands as a monument to those things in us that are capable of resisting and enduring in the face of

tyranny.

Atomic Adventures: Secret Islands, Forgotten N-Rays, and Isotopic Murder: A Journey into the Wild World of Nuclear Science James Mahaffey 2017-06-06

The latest investigation from acclaimed nuclear engineer and author James Mahaffey unearths forgotten nuclear endeavors throughout history that were sometimes hair-brained, often risky, and always fascinating. Whether you are a scientist or a poet, pro-nuclear energy or staunch opponent, conspiracy theorist or pragmatist, James Mahaffey's books have served to open up the world of nuclear science like never before. With clear explanations of some of the most complex scientific endeavors in history, Mahaffey's new book looks back at the atom's wild, secretive past and then toward its potentially bright future. Mahaffey unearths lost reactors on far flung Pacific islands and trees that were exposed to active fission that changed gender or bloomed in the dead of winter. He explains why we have nuclear submarines but not nuclear aircraft and why cold fusion doesn't exist. And who knew that radiation counting was once a fashionable trend? Though parts of the nuclear history might seem like a fiction mash-up, where cowboys somehow got a hold of a reactor, Mahaffey's vivid prose holds the reader in thrall of the infectious energy of scientific curiosity and ingenuity that may one day hold the key to solving our energy crisis or sending us to Mars.

Seeing the Light: The Case for Nuclear Power in the 21st Century Scott L. Montgomery

2017-09-14 The first accessible book to discuss all aspects of nuclear power to help combat climate change and lethal air pollution.

Atoms for Peace and War, 1953-1961 Richard G. Hewlett 2021-05-28

This title is part of UC Press's Voices Revived program, which commemorates University of California Press's mission to seek out and cultivate the brightest minds and give them voice, reach, and impact. Drawing on a backlist dating to 1893, Voices Revived makes high-quality, peer-reviewed scholarship accessible once again using print-on-demand technology. This title was originally published in 1989.

Before the Fallout Diana Preston 2009-05-26

On December 26, 1898, Marie Curie announced the discovery of radium and observed that "radioactivity seems to be an atomic property." A mere 47 years later, "Little Boy" exploded over Hiroshima. Before the Fallout is the epic story of the intervening half century, during which an exhilarating quest to unravel the secrets of the material world revealed how to destroy it, and an open, international, scientific adventure transmuted overnight into a wartime sprint for the bomb. Weaving together history, science, and biography, Diana Preston chronicles a human chain reaction of scientists and leaders whose discoveries and decisions forever changed our lives. The early decades of the 20th century brought Einstein's relativity theory, Rutherford's discovery of the atomic nucleus, and Heisenberg's quantum mechanics, and scientists of many nations worked together to tease out the secrets of the atom. Only 12 years before Hiroshima, one leading physicist dismissed the idea of harnessing energy from atoms as "moonshine." Then, on the eve of World War II, the power of atomic fission was revealed, alliances were broken, friendships sundered, and science co-opted by world events. Preston interviewed the surviving scientists, and she offers new insight into the fateful wartime meeting between Heisenberg and Bohr, along with a fascinating conclusion examining what might have happened had any number of events occurred differently. She also provides a rare portrait of Hiroshima before the blast. As Hiroshima's 60th anniversary approaches, Before the Fallout compels us to consider the threats and moral dilemmas we face in our still dangerous world.

Survival City Tom Vanderbilt 2010-04-15 On the road to Survival City, Tom Vanderbilt maps the visible and invisible legacies of the cold war, exhuming the blueprints for the apocalypse we once envisioned

and chronicling a time when we all lived at ground zero. In this road trip among ruined missile silos, atomic storage bunkers, and secret test sites, a lost battleground emerges amid the architecture of the 1950s, accompanied by Walter Cotten's stunning photographs. *Survival City* looks deep into the national soul, unearthing the dreams and fears that drove us during the latter half of the twentieth century. "A crucial and dazzling book, masterful, and for me at least, intoxicating."—Dave Eggers "A genuinely engaging book, perhaps because [Vanderbilt] is skillful at conveying his own sense of engagement to the reader."—Los Angeles Times "A retracing of Dr. Strangelove as ordinary life."—Greil Marcus, Bookforum

Atomic Awakening: A New Look at the History and Future of Nuclear Power James Mahaffey 2010-10-15 "Persuasive and based on deep research. *Atomic Awakening* taught me a great deal."—Nature The American public's introduction to nuclear technology was manifested in destruction and death. With Hiroshima and the Cold War still ringing in our ears, our perception of all things nuclear is seen through the lens of weapons development. Nuclear power is full of mind-bending theories, deep secrets, and the misdirection of public consciousness, some deliberate, some accidental. The result of this fixation on bombs and fallout is that the development of a non-polluting, renewable energy source stands frozen in time. Outlining nuclear energy's discovery and applications throughout history, Mahaffey's brilliant and accessible book is essential to understanding the astounding phenomenon of nuclear power in an age where renewable energy and climate change have become the defining concerns of the twenty-first century.

Awakening Earth Duane Elgin 1993 Balances science with spirituality in a study of human evolution, from the appearance of reflective consciousness to modern communications, and proposes three additional stages to be realized

Atomic Awakening 2009

Fahrenheit 451 Ray Bradbury 2003-09-23 A totalitarian regime has ordered all books to be destroyed, but one of the book burners suddenly realizes their merit.

The Curve of Binding Energy John McPhee 2011-04-01 Theodore Taylor was one of the most brilliant engineers of the nuclear age, but in his later years he became concerned with the possibility of an individual being able to construct a weapon of mass destruction on their own. McPhee tours American nuclear institutions with Taylor and shows us how close we are to terrorist attacks employing homemade nuclear weaponry.

Atomic Awakening: A New Look at the History and Future of Nuclear Power James Mahaffey 2010-10-15 "Persuasive and based on deep research. *Atomic Awakening* taught me a great deal."—Nature The American public's introduction to nuclear technology was manifested in destruction and death. With Hiroshima and the Cold War still ringing in our ears, our perception of all things nuclear is seen through the lens of weapons development. Nuclear power is full of mind-bending theories, deep secrets, and the misdirection of public consciousness, some deliberate, some accidental. The result of this fixation on bombs and fallout is that the development of a non-polluting, renewable energy source stands frozen in time. Outlining nuclear energy's discovery and applications throughout history, Mahaffey's brilliant and accessible book is essential to understanding the astounding phenomenon of nuclear power in an age where renewable energy and climate change have become the defining concerns of the twenty-first century.

Power to Save the World Gwyneth Cravens 2010-12-01 An informed look at the myths and fears surrounding nuclear energy, and a practical, politically realistic solution to global warming and our energy needs. Faced by the world's oil shortages and curious about alternative energy sources, Gwyneth Cravens skeptically sets out to find the truth about nuclear energy. Her conclusion: it is a totally viable and practical solution to global warming. In the end, we see that if we are to care for subsequent generations, embracing nuclear energy is an ethical imperative.

Finding Your Way Back to God Dave Ferguson 2015-02-24 “God, if you’re real, make yourself real to me.” Each of us spends our lives on a journey toward God. Yet often our most deeply felt longings—for meaning, for love, for significance—end up leading us away from, instead of toward, our Creator and the person he made us to be. *Finding Your Way Back to God* shows you how to understand and listen to your longings in a whole new way. It’s about waking up to who you really are, and daring to believe that God wants to be found even more than you want to find him. It’s about making the biggest wager of your life as you ask God to make himself known to you. And it’s about watching what happens next.

How to Drive a Nuclear Reactor Colin Tucker 2020-01-25 Have you ever wondered how a nuclear power station works? This lively book will answer that question. It’ll take you on a journey from the science behind nuclear reactors, through their start-up, operation and shutdown. Along the way it covers a bit of the engineering, reactor history, different kinds of reactors and what can go wrong with them. Much of this is seen from the viewpoint of a trainee operator on a Pressurised Water Reactor - the most common type of nuclear reactor in the world. Colin Tucker has spent the last thirty years keeping reactors safe. Join him on a tour that is the next best thing to driving a nuclear reactor yourself!

Fundamentals Frank Wilczek 2021-01-12 “Fundamentals might be the perfect book for the winter of this plague year. . . . Wilczek writes with breathtaking economy and clarity, and his pleasure in his subject is palpable.” —The New York Times Book Review One of our great contemporary scientists reveals the ten profound insights that illuminate what everyone should know about the physical world In *Fundamentals*, Nobel laureate Frank Wilczek offers the reader a simple yet profound exploration of reality based on the deep revelations of modern science. With clarity and an infectious sense of joy, he guides us through the essential concepts that form our understanding of what the world is and how it works. Through these pages, we come to see our reality in a new way—bigger, fuller, and stranger than it looked before. Synthesizing basic questions, facts, and dazzling speculations, Wilczek investigates the ideas that form our understanding of the universe: time, space, matter, energy, complexity, and complementarity. He excavates the history of fundamental science, exploring what we know and how we know it, while journeying to the horizons of the scientific world to give us a glimpse of what we may soon discover. Brilliant, lucid, and accessible, this celebration of human ingenuity and imagination will expand your world and your mind.

The Boy Who Played with Fusion Tom Clynes 2015-06-09 This story of a child prodigy and his unique upbringing is “an engrossing journey to the outer realms of science and parenting” (Paul Greenberg, author of *Four Fish*). A PEN/E. O. Wilson Literary Science Writing Award Finalist Like many young children, Taylor Wilson dreamed of becoming an astronaut. Only Wilson mastered the science of rocket propulsion by the age of nine. When he was eleven, he tried to cure his grandmother’s cancer—and discovered new ways to produce medical isotopes. Then, at fourteen, Wilson became the youngest person in history to achieve nuclear fusion, building a 500-million-degree reactor—in his parents’ garage. In *The Boy Who Played with Fusion*, science journalist Tom Clynes narrates Wilson’s extraordinary story. Born in Texarkana, Arkansas, Wilson quickly displayed an advanced intellect. Recognizing their son’s abilities and the limitations of their local schools, his parents took a bold leap

and moved the family to Reno, Nevada. There, Wilson could attend a unique public high school created specifically for academic superstars. Wilson is now designing devices to prevent terrorists from shipping radioactive material and inspiring a new generation to take on the challenges of science. If you're wondering how someone so young can achieve so much, *The Boy Who Played with Fusion* has the answer. Along the way, Clynes' narrative teaches parents, teachers, and society how and why we urgently need to support high-achieving kids. "An essential contribution to our understanding of the most important underlying questions about the development of giftedness, talent, creativity, and intelligence." —Psychology Today "A compelling study of the thrills—and burdens—of being born with an alpha intellect." —Financial Times

Burned Ellen Hopkins 2013-09-10 Seventeen-year-old Pattyn, the eldest daughter in a large Mormon family, is sent to her aunt's Nevada ranch for the summer, where she temporarily escapes her alcoholic, abusive father and finds love and acceptance, only to lose everything when she returns home.

The History of Nuclear Power, Revised Edition James Mahaffey 2020-03-01 The discovery and application of nuclear power is one of the most profound scientific accomplishments of the 20th century, beginning with tentative explorations of the structure of matter, expanding into a rapid succession of unexpected discoveries, and finally settling into a seamless transition from theoretical science to applied engineering. There were many changes to nuclear power during this century—science transitioned from an academic pursuit to an industry, the use of uranium changed from an occasional orange or green dye in ceramics to major power-fuel, and public safety concerns shifted from boiler explosions on steamboats to nuclear reactor explosions on continents. Written in clear and accessible language, *The History of Nuclear Power, Revised Edition* describes the sequence of these changes, as science and technology rapidly matured more than a hundred years and as the scale of civilization and its energy needs expanded. Providing a fundamental introduction to this complicated subject, this updated, full-color resource is ideal for high school and college students interested in the future through a study of the past.

Nuclear Energy Charles D. Ferguson 2011-05-17 Originally perceived as a cheap and plentiful source of power, the commercial use of nuclear energy has been controversial for decades. Worries about the dangers that nuclear plants and their radioactive waste posed to nearby communities grew over time, and plant construction in the United States virtually died after the early 1980s. The 1986 disaster at Chernobyl only reinforced nuclear power's negative image. Yet in the decade prior to the Japanese nuclear crisis of 2011, sentiment about nuclear power underwent a marked change. The alarming acceleration of global warming due to the burning of fossil fuels and concern about dependence on foreign fuel has led policymakers, climate scientists, and energy experts to look once again at nuclear power as a source of energy. In this accessible overview, Charles D. Ferguson provides an authoritative account of the key facts about nuclear energy. What is the origin of nuclear energy? What countries use commercial nuclear power, and how much electricity do they obtain from it? How can future nuclear power plants be made safer? What can countries do to protect their nuclear facilities from military attacks? How hazardous is radioactive waste? Is nuclear energy a renewable energy source? Featuring a discussion of the recent nuclear crisis in Japan and its ramifications, Ferguson addresses these questions and more in *Nuclear Energy: What Everyone Needs to Know®*, a book that is essential for anyone looking to learn more about this important issue. *What Everyone Needs to Know®* is a registered trademark of Oxford University Press.

The Power of Awakening Dr. Wayne W. Dyer 2021-08-24 #1 Wall Street Journal bestseller! This new book of spiritual teachings from international best-selling author and beloved inspirational speaker Dr.

Wayne W. Dyer is based on his audio lectures from the 1990s and 2000s, offering a fresh take on mindfulness and enlightenment. Beloved spiritual teacher Dr. Wayne W. Dyer often shared his thoughts on the path and practice of personal empowerment during his writings and presentations. He'd say, "This is not about self-help. It's about self-realization, which is way beyond self-help." In this book, which collects some of his timeless words of wisdom in a new format, the internationally renowned speaker and author offers spiritual tools to transcend your current circumstances and old patterns in order to reach true fulfillment. He will show you how to become genuinely awake, aware of the power you have within to shift your thought processes, release attachments, and tame your ego—to name just a few topics covered in these pages. Wayne will help you understand what an illusion much of life is, so you can see the big picture and spark deep transformation (that is, "the ability to go beyond your form"), resulting in peace and harmony in all areas of your life. He will also take you through the stages of enlightenment and instruct you in mindfulness practices such as visualization and meditation, ultimately helping you reach a higher consciousness. Indeed, as a result of reading this book, you'll feel as if you are absolutely living in the light, in tune with the magnificence of the universe . . . and yourself.

The Atomic Weight of Love Elizabeth J. Church 2016-05-03 In her sweeping debut novel, Elizabeth J. Church takes us from the World War II years in Chicago to the vast sun-parched canyons of New Mexico in the 1970s as we follow the journey of a driven, spirited young woman, Meridian Wallace, whose scientific ambitions are subverted by the expectations of her era. In 1941, at seventeen years old, Meridian begins her ornithology studies at the University of Chicago. She is soon drawn to Alden Whetstone, a brilliant, complicated physics professor who opens her eyes to the fundamentals and poetry of his field, the beauty of motion, space and time, the delicate balance of force and energy that allows a bird to fly. Entranced and in love, Meridian defers her own career path and follows Alden west to Los Alamos, where he is engaged in a secret government project (later known to be the atomic bomb). In married life, though, she feels lost and left behind. She channels her academic ambitions into studying a particular family of crows, whose free life and companionship are the very things that seem beyond her reach. There in her canyons, years later at the dawn of the 1970s, with counterculture youth filling the streets and protests against the war rupturing college campuses across the country, Meridian meets Clay, a young geologist and veteran of the Vietnam War, and together they seek ways to mend what the world has broken. Exquisitely capturing the claustrophobic eras of 1940s and 1950s America, *The Atomic Weight of Love* also examines the changing roles of women during the decades that followed. And in Meridian Wallace we find an unforgettable heroine whose metamorphosis shows how the women's movement opened up the world for a whole generation.

Atomic Accidents James Mahaffey 2021-08-31 From the moment radiation was discovered in the late nineteenth century, nuclear science has had a rich history of innovative scientific exploration and discovery, coupled with mistakes, accidents, and downright disasters. Mahaffey, a long-time advocate of continued nuclear research and nuclear energy, looks at each incident in turn and analyzes what happened and why, often discovering where scientists went wrong when analyzing past meltdowns. Every incident has led to new facets in understanding about the mighty atom—and Mahaffey puts forth what the future should be for this final frontier of science that still holds so much promise.

Thorium Robert Hargraves 2012 Thorium energy can help check CO2 and global warming, cut deadly air pollution, provide inexhaustible energy, and increase human prosperity. Our world is beset by global warming, pollution, resource conflicts, and energy poverty. Millions die from coal plant emissions. We war over mid-east oil. Food supplies from sea and land are threatened. Developing nations' growth

exacerbates the crises. Few nations will adopt carbon taxes or energy policies against their economic self-interests to reduce global CO2 emissions. Energy cheaper than coal will dissuade all nations from burning coal. Innovative thorium energy uses economic persuasion to end the pollution, to provide energy and prosperity to developing nations, and to create energy security for all people for all time. "This book presents a lucid explanation of the workings of thorium-based reactors. It is must reading for anyone interested in our energy future." Leon Cooper, Brown University physicist and 1972 Nobel laureate for superconductivity "As our energy future is essential I can strongly recommend the book for everybody interested in this most significant topic." George Olah, 1994 Nobel laureate for carbon chemistry

Obsessed Allison Britz 2017-09-19 A brave teen recounts her debilitating struggle with obsessive-compulsive disorder—and brings readers through every painful step as she finds her way to the other side—in this powerful and inspiring memoir. Until sophomore year of high school, fifteen-year-old Allison Britz lived a comfortable life in an idyllic town. She was a dedicated student with tons of extracurricular activities, friends, and loving parents at home. But after awakening from a vivid nightmare in which she was diagnosed with brain cancer, she was convinced the dream had been a warning. Allison believed that she must do something to stop the cancer in her dream from becoming a reality. It started with avoiding sidewalk cracks and quickly grew to counting steps as loudly as possible. Over the following weeks, her brain listed more dangers and fixes. She had to avoid hair dryers, calculators, cell phones, computers, anything green, bananas, oatmeal, and most of her own clothing. Unable to act “normal,” the once-popular Allison became an outcast. Her parents questioned her behavior, leading to explosive fights. When notebook paper, pencils, and most schoolbooks were declared dangerous to her health, her GPA imploded, along with her plans for the future. Finally, she allowed herself to ask for help and was diagnosed with obsessive-compulsive disorder. This brave memoir tracks Allison’s descent and ultimately hopeful climb out of the depths.

A Little History of the World E. H. Gombrich 2014-10-01 E. H. Gombrich's Little History of the World, though written in 1935, has become one of the treasures of historical writing since its first publication in English in 2005. The Yale edition alone has now sold over half a million copies, and the book is available worldwide in almost thirty languages. Gombrich was of course the best-known art historian of his time, and his text suggests illustrations on every page. This illustrated edition of the Little History brings together the pellucid humanity of his narrative with the images that may well have been in his mind's eye as he wrote the book. The two hundred illustrations—most of them in full color—are not simple embellishments, though they are beautiful. They emerge from the text, enrich the author's intention, and deepen the pleasure of reading this remarkable work. For this edition the text is reset in a spacious format, flowing around illustrations that range from paintings to line drawings, emblems, motifs, and symbols. The book incorporates freshly drawn maps, a revised preface, and a new index. Blending high-grade design, fine paper, and classic binding, this is both a sumptuous gift book and an enhanced edition of a timeless account of human history.

Hiroshima John Hersey 2020-06-23 Hiroshima is the story of six people—a clerk, a widowed seamstress, a physician, a Methodist minister, a young surgeon, and a German Catholic priest—who lived through the greatest single manmade disaster in history. In vivid and indelible prose, Pulitzer Prize-winner John Hersey traces the stories of these half-dozen individuals from 8:15 a.m. on August 6, 1945, when Hiroshima was destroyed by the first atomic bomb ever dropped on a city, through the hours and days that followed. Almost four decades after the original publication of this celebrated book, Hersey went back to Hiroshima in search of the people whose stories he had told, and his account of what he discovered is now the eloquent and moving final chapter of Hiroshima.

U.S. History P. Scott Corbett 2017-12-19 Published by OpenStax College, U.S. History covers the breadth of the chronological history of the United States and also provides the necessary depth to ensure the course is manageable for instructors and students alike. U.S. History is designed to meet the scope and sequence requirements of most courses. The authors introduce key forces and major developments that together form the American experience, with particular attention paid to considering issues of race, class and gender. The text provides a balanced approach to U.S. history, considering the people, events and ideas that have shaped the United States from both the top down (politics, economics, diplomacy) and bottom up (eyewitness accounts, lived experience).

Radiation Robert Peter Gale 2013-01-29 A forefront radiation expert who consulted during the Chernobyl and Fukushima crises and the author of *The Mold in Dr. Florey's Coat* identify the radioactive fundamentals of the planet while correcting myths to reveal the role of radiation in everyday life and what should and should not raise concern.

Atomic Accidents Jim Mahaffey 2014-02-04 A “delightfully astute” and “entertaining” history of the mishaps and meltdowns that have marked the path of scientific progress (Kirkus Reviews, starred review). *Radiation: What could go wrong?* In short, plenty. From Marie Curie carrying around a vial of radium salt because she liked the pretty blue glow to the large-scale disasters at Chernobyl and Fukushima, dating back to the late nineteenth century, nuclear science has had a rich history of innovative exploration and discovery, coupled with mistakes, accidents, and downright disasters. In this lively book, long-time advocate of continued nuclear research and nuclear energy James Mahaffey looks at each incident in turn and analyzes what happened and why, often discovering where scientists went wrong when analyzing past meltdowns. Every incident, while taking its toll, has led to new understanding of the mighty atom—and the fascinating frontier of science that still holds both incredible risk and great promise.

Journey of Awakening Ram Dass 2012-01-04 Find the practice that’s right for you with this exploration of the many paths of meditation—from mantra, prayer, singing, visualizations, and “just sitting” to movement meditations such as tai chi “Everyone has experienced a moment of pure awareness. A moment without thinking ‘I am aware’ or ‘that is a tree.’ Such moments bring a sense of rightness, of clarity, of being at one. Such moments are the essence of meditation.”—Ram Dass Ram Dass is an American psychologist and spiritual teacher who has studied and practiced meditation for many years. Here he shares his understanding and suggests how you can find methods suitable for you. He illuminates the stages and benefits of meditative practice, and provides wise and often humorous advice on overcoming difficulties along the way.

The Awakening of Intelligence J. Krishnamurti 2021-01-05 This comprehensive record of Krishnamurti's teachings is an excellent, wide-ranging introduction to the great philosopher's thought. With among others, Jacob Needleman, Alain Naude, and Swami Venkatasanananda, Krishnamurti examines such issues as the role of the teacher and tradition; the need for awareness of 'cosmic consciousness; the problem of good and evil; and traditional Vedanta methods of help for different levels of seekers.

Cold War Statesmen Confront the Bomb John Gaddis 1999-04-01 *Cold War Statesmen Confront the Bomb: Nuclear Diplomacy Since 1945* is a path-breaking work that uses biographical techniques to test one of the most important and widely debated questions in international politics: Did the advent of the nuclear bomb prevent the Third World War? Many scholars and much conventional wisdom assumes

that nuclear deterrence has prevented major power war since the end of the Second World War; this remains a principal tenet of US strategic policy today. Others challenge this assumption, and argue that major war would have been 'obsolete' even without the bomb. This book tests these propositions by examining the careers of ten leading Cold War statesmen—Harry S Truman; John Foster Dulles; Dwight D. Eisenhower; John F. Kennedy; Josef Stalin; Nikita Krushchev; Mao Zedong; Winston Churchill; Charles De Gaulle; and Konrad Adenauer—and asking whether they viewed war, and its acceptability, differently after the advent of the bomb. The book's authors argue almost unanimously that nuclear weapons did have a significant effect on the thinking of these leading statesmen of the nuclear age, but a dissenting epilogue from John Mueller challenges this thesis.

After Fukushima Andrew Stuart Jonson Daniels 2016-08-17 The discovery of fission created a new kind of fear, not simply a new iteration of the previous responses to new technology. This new fear was profound, disquieting and all encompassing. By the time nuclear power was introduced, anxiety and concern about nuclear weapons had already fostered perceptions that left a long-lasting legacy that would taint nuclear power for decades. Nuclear power would struggle to cope with the blurred distinctions between military and civilian applications for its entire history. The public would experience nuclear power through the lens of the media, increasingly this lens became a prism which projected a distorted image of nuclear power. Gradually, the distortions became more apparent than reality and the gap in public knowledge widened. Like everything, nuclear power requires representation for the public to assimilate it. The lack of depiction of nuclear power served to amplify the distortions in public perception and reinforced avoidance about nuclear technology. Avoidance about nuclear power is the dominant response, most people do not want to hear about it, learn about it and know about it. Coverage of nuclear power has been dominated by the threat of accidents or any kind of incident that occurred at nuclear power plants. This negative attention about accidents and their potential impact would interfere with the integration of nuclear power into modern society. Accidents seemed limitless in their potential damage, and the lack of public knowledge about their impact allowed imaginations to run wild. The crux of the pro-nuclear and anti-nuclear debate rests on the estimations about the significance of potential accidents. Were they capable of massive destruction and tremendous risk or was their impact compact, limited and minor? The scale of a 'worst-case scenario' became the key question of the nuclear power debate, and proved to be quite powerful in affecting its history. Chernobyl, Fukushima, and even Three Mile Island became larger-than-life incidents and each acquired their own mythology. The perceptions of what happened set the tone for attitudes about nuclear power. Despite being an essential part of the natural environment, radiation is rarely well understood. We are exposed to radiation everyday from the earth below and the sun above, yet parents believe it is more important for children to learn about volcanoes than radiation. The fear of nuclear power and radiation has become significant in itself, changing the course of history. Nuclear power has been decisively shaped by political struggles and emotional arguments that even affected its technological development. Negative feelings about nuclear power contrast with the benign feelings towards wind and solar, so considerable resources and subsidies are devoted to them, in the hope these can make a meaningful impact to reduce emissions. A strong consensus supports wind and solar in contrast to the divisive debate around nuclear power. The emotional responses are driving our attitudes to technology and energy, which does not always result in the most logical ends. The history of nuclear power is both revelatory and surprising, and it will definitely change the way you think about energy in the modern world.