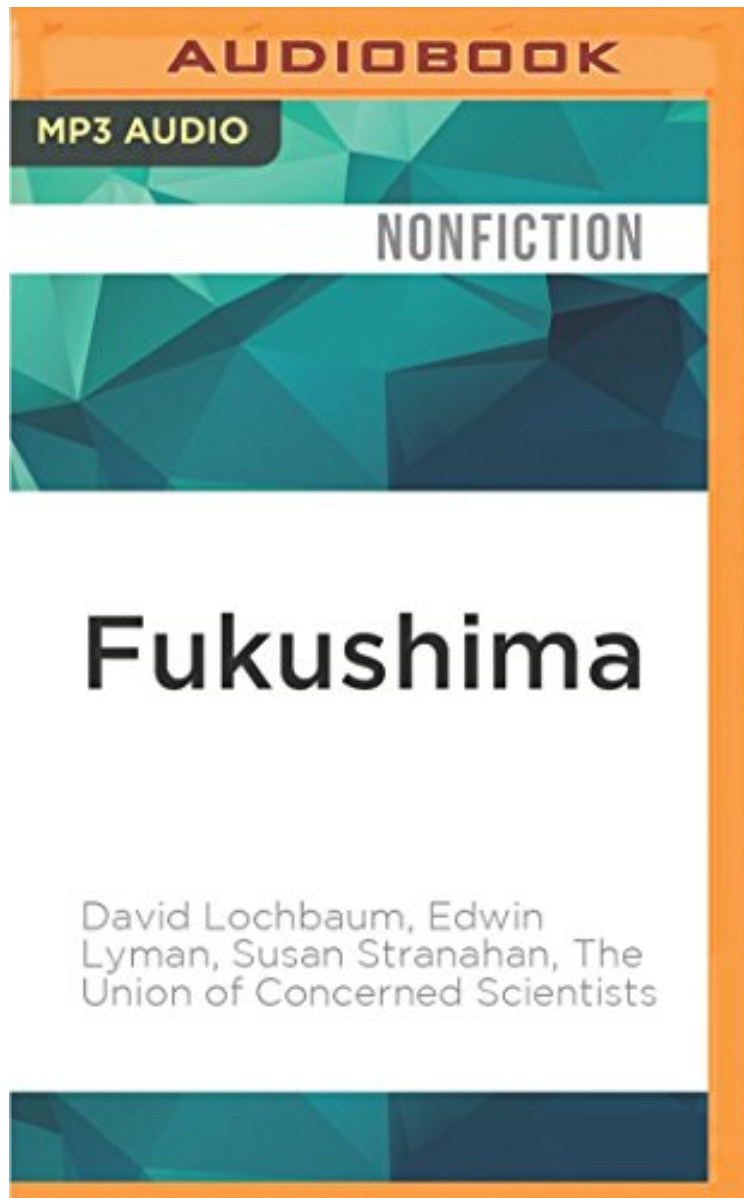


Fukushima: The Story of a Nuclear Disaster

David Lochbaum, Edwin Lyman, Susan Stranahan, The Union of Concerned Scientists
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David Lochbaum, Edwin Lyman, Susan Stranahan, The Union of Concerned Scientists : Fukushima: The Story of a Nuclear Disaster before purchasing it in order to gauge whether or not it would be worth my time, and all praised Fukushima: The Story of a Nuclear Disaster:

0 of 0 people found the following review helpful. A negative view on nuclear energy By Gabriel-Andrew Pollo

Guilbert This book greatly explains Fukushima's nuclear disaster. It was very intriguing to read and very informative. They also covered a lot of the issues in the regulation of nuclear power, ranging from security to the ability to respond to a disaster. Sadly, the last chapters were filled with bias against nuclear energy, effectively breaking the nice neutral tone through the book. While today's nuclear technologies might not be as secure as the NRC claims it to be, the book fails to mention any of the next generation IV nuclear technologies, like the molten salt reactor. It does, however, mention briefly generation III+ like the AP1000 and ESBWR focusing only on the negative aspects of them. 1 of 1 people found the following review helpful. Not a technical analysis. By Donald Mullin I was interested in a detailed engineering analysis of the event, but this book is primarily focused on the regulatory environment in which this event occurred. Authors are clearly anti nuclear power. This book would greatly benefit from more pictures, maps and schematics of the plants. 0 of 0 people found the following review helpful. GiftBy radGift. rad

On March 11, 2011, an earthquake large enough to knock the earth from its axis sent a massive tsunami speeding toward the Japanese coast and the aging and vulnerable Fukushima Daiichi nuclear power reactors. Over the following weeks, the world watched in horror as a natural disaster became a man-made catastrophe: fail-safes failed, cooling systems shut down, nuclear rods melted. In the first definitive account of the Fukushima disaster, two leading experts from the Union of Concerned Scientists, David Lochbaum and Edwin Lyman, team up with journalist Susan Q. Stranahan, the lead reporter of the Philadelphia Inquirer's Pulitzer Prizewinning coverage of the Three Mile Island accident, to tell this harrowing story. Fukushima combines a fast-paced, riveting account of the tsunami and the nuclear emergency it created with an explanation of the science and technology behind the meltdown as it unfolded in real time. The narrative also extends to other severe nuclear accidents to address both the terrifying question of whether it could happen elsewhere and how such a crisis can be averted in the future.

From Booklist *Starred* Japan assured the public that its 54 nuclear power stations, even those built in seismically active regions, were perfectly safe. Then on March 11, 2011, a magnitude 9 earthquake hit, shifted the earth's axis, caused a tsunami that killed nearly 19,000 people, and brought the Fukushima Daiichi nuclear plant to the brink of utter disaster. Lochbaum, head of the Union of Concerned Scientists Nuclear Safety Project; Lyman, a senior scientist for the same organization; and Pulitzer Prizewinning journalist Stranahan, who covered the Three Mile Island nuclear accident, pilot the first in-depth account of all that went nightmarishly wrong. Their thriller-like, minute-by-minute chronicle covers every harrowing technical breakdown, backed by briskly informative illuminations of the science underlying the boiling-water reactors and the systems designed to prevent their meltdown. They are equally precise in their coverage of the human side of the story, from the grave dangers confronting the plants' valiant staff to the scrambling of public officials to the trauma of evacuees as explosions wracked Fukushima and radiation leaks increased. As the crisis at Fukushima continues, this exacting and chilling record of epic failures in risk assessment, regulation, preparedness, and transparency will stand as a cautionary analysis of the perils of nuclear power the world over. --Donna Seaman "No one with an interest in the present and future of nuclear power in the United States should miss it." Los Angeles Times "There are other books on Fukushima, but the only one covering this ground is Fukushima, which takes a more global and policy-related approach. Told with economy, drama, and scientific accuracy, this book is a must for anyone involved in energy assessment or concerned about nuclear energy issues." Library Journal (starred review) "The book is a gripping, suspenseful page-turner finely crafted to appeal both to people familiar with the science and those with only the barest inkling of how nuclear power works. Even with the broad outlines of the story in the public record, the authors have uncovered many important details that never came to light during the saturation-level media coverage." Kirkus "Their thriller-like, minute-by-minute chronicle covers every harrowing technical breakdown, backed by briskly informative illuminations of the science underlying the boiling-water reactors and the systems designed to prevent their meltdown. They are equally precise in their coverage of the human side of the story, from the grave dangers confronting the plants' valiant staff to the scrambling of public officials to the trauma of evacuees as explosions wracked Fukushima and radiation leaks increased. As the crisis at Fukushima continues, this exacting and chilling record of epic failures in risk assessment, regulation, preparedness, and transparency will stand as a cautionary analysis of the perils of nuclear power the world over." Booklist (starred review) "Anyone seriously interested in understanding the issues involved in delivering safe nuclear energy will be rewarded by reading this book; anybody involved in delivering nuclear power should be required to read it." Robert Gallucci, president of the John D. and Catherine T. MacArthur Foundation "Its hard to imagine a more comprehensive and compelling account of what happened after an earthquake and tsunami struck the Fukushima Daiichi nuclear power plant in March 2011. There are lessons in this book for all of us. This book is a must-read for anyone who cares about nuclear power." Robert J. Rosenthal, executive director of the Center for Investigative Reporting "A compelling analysis of the nuclear disaster at Fukushima and a pointed challenge to the nuclear industry and its regulators." Rush Holt, U.S. House of Representatives "A riveting account of the unfolding of the Fukushima accident that gives the reader a feel for how hard it is to respond to an unprecedented catastrophe in the face of uncertainty." Victor Gilinsky, former commissioner at the U.S. Nuclear Regulatory Commission "Everyone who cares about the Faustian bargain we

make for nuclear energy must read this terrifying story."David Suzuki, co-founder of the David Suzuki Foundation and host of The Nature of Things "This amazing book provides both a blow-by-blow account of the Fukushima accident and an exploration of what needs to be done worldwide to improve nuclear safety. Essential reading, whether you agree with all of its conclusions or not."Matthew Bunn, professor at Harvard Universitys John F. Kennedy School of Government "Gripping and authoritative, Fukushima opens a new chapter in the debate on the difficult and perhaps impossible goal of safe nuclear power."Alexander Glaser, assistant professor at the Woodrow Wilson School of Public and International Affairs