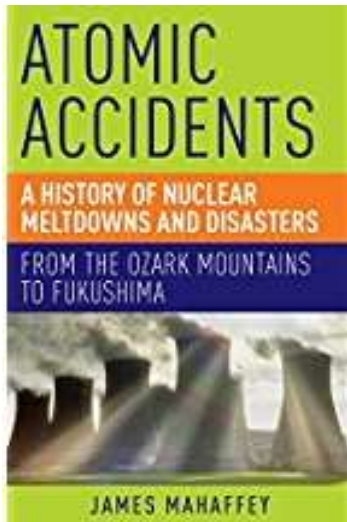


Recommended literature related to the Chernobyl and Fukushima nuclear accidents and consequences



An extremely very well written book by nuclear engineer James Mahaffey that gives a really comprehensive review of nuclear accidents and their consequences.

“En passant” you will learn the key concepts of nuclear physics and reactor technology. This book is a page-turner. If you just want to read one book on this topic, choose this one.

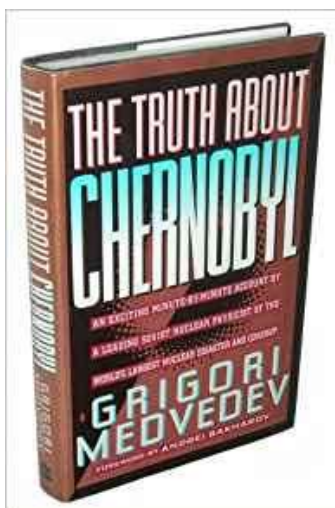
A must-read for everyone !

Certainly for science students, but with your help even your grandma can follow.

Also available as ebook or audiobook.

<https://www.goodreads.com/book/show/20579068-atomic-accidents>

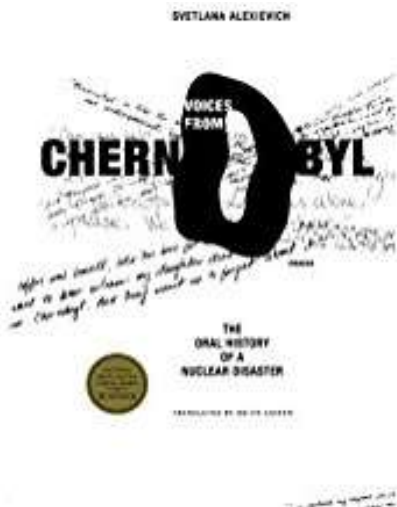
Recommended literature related to the Chernobyl and Fukushima nuclear accidents and consequences



Soviet nuclear engineer and reactor expert Grigori Medvedev gives detailed background information on the organisation of the Soviet nuclear power industry, the persons involved in the Chernobyl accident and the following organisation of evacuation and clean-up. He explains which wrong decisions after the disaster have led to even more radiation exposure of workers and population and delays in the evacuation.

https://www.goodreads.com/book/show/971479.The_Truth_About_Chernobyl

Recommended literature related to the Chernobyl and Fukushima nuclear accidents and consequences



The Belarusian journalist Svetlana Alexievich (2015 Nobel Prize in Literature) collected hundreds of interviews with people affected by the Chernobyl accident (fire fighters, “liquidators”, evacuated and remaining locals, etc.).

This book presents a loose collection of personal accounts giving insight into human, social, psychological and economic consequences of the accident and of the evacuation of “the Zone”.

https://www.goodreads.com/book/show/357486.Voices_from_Chernobyl

Recommended literature related to the Chernobyl and Fukushima nuclear accidents and consequences



Most of what one knows today about health effects of radiation stems from the longterm observation (Life Span Study) of atomic bomb survivors from Hiroshima and Nagasaki who are still being followed statistically today and compared to Japanese reference populations. The Radiation Effects Research Foundation publishes detailed compilations of the results (last 2002) and regular updates on their research.

https://www.rerf.or.jp/library/index_e.html

Recommended literature related to the Chernobyl and Fukushima nuclear accidents and consequences

SOURCES AND EFFECTS OF IONIZING RADIATION

United Nations Scientific Committee on the
Effects of Atomic Radiation

UNSCEAR 2008
Report to the General Assembly
with Scientific Annexes

VOLUME II
Scientific Annexes C, D and E

Official statistics and estimates of early and late health effects resulting from radiation exposure of nuclear bomb survivors, workers exposed during radiation accidents and populations affected by nuclear accidents, in particular the Chernobyl accident.

http://www.unscear.org/docs/reports/2008/11-80076_Report_2008_Annex_D.pdf

Recommended literature related to the Chernobyl and Fukushima nuclear accidents and consequences



A first publication of WHO compiling information available by March 2012, one year after the Fukushima accident.

http://www.who.int/ionizing_radiation/pub_meet/fukushima_risk_assessment_2013/en/

Recommended literature related to the Chernobyl and Fukushima nuclear accidents and consequences



This article provides a factual discussion of risks from radiation exposure to risks associated with fossil energy use.

The appendix provides an excellent layman conversion of the “abstract unit” of 1 mSv to the equivalent cancer risk resulting from smoking 3 cigarette packs.

“Global warming or nuclear waste – which do we want ?”

H. Nifenecker and E. Huffer. Europhysics News 32 (2001) 52.

<https://doi.org/10.1051/eprn:2001204>