

Nuclear Electricity Generation

(Papers on this topic written by D. N. Anderson)

Title	Length	Updated
Generate electricity with nuclear power? Should Anchorage generate electricity with nuclear power? Discusses the reasons for the 30 year shutdown in orders for nuclear power plants in the U.S., the features of a nuclear power station, a cost comparison with other fuels, the safety and health aspects, and the value to Alaska of utilizing this fuel source.	6,394 words	30 January 2008
High level nuclear waste High level nuclear waste. Discusses the handling and long term isolation of dangerous waste from nuclear power generation	2,090 words	04 February 2008

(Books, Papers, & DVDs on this topic read/watched by D. N. Anderson)

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[Long Version \(with synopses\)](#)

[Short Version \(list only\)](#)

For selected full reviews, click on linked publishing date below.

Books:

Author	Title	Published
1 Cravens, Gwyneth	Power to Save the World: The truth about nuclear energy A detailed account of how a person who opposed nuclear power became much better informed and came to support its expansion. She describes her odyssey from visits to old uranium mine processing plants, to coal generation plants, to nuclear generation plants, to nuclear research facilities, and finally to several nuclear waste storage sites. She provides a lot of wonderful information although the book is 381 pages of text.	2007
2 Haeblerlin, Scott W.	A Case for Nuclear-Generated Electricity Presents a tremendous amount of information about the necessity for nuclear power and how it is generated, including an excellent description of the physics that I believe can be understood by the intelligent layman. He discusses the bad stuff about nuclear and the scare	2004

tactics that have been used to stifle its development. After discussing its current status he suggests ways in which the adoption of nuclear-generated power can be advanced.

Non-Technical Papers:

Author	Title	Published
1 Adams, Rod	Nuclear Power for Galena, Alaska This article describes the benefits of installing a Toshiba 4S "Nuclear Battery," a 10 Megawatt power plant into the ground beneath a remote Alaska village. This powerplant is "Super Safe, Small and Simple" (4S) and would supply the villages' power needs for 30 years.	20 March 2005

- Revised 4 February 2008