

PUBLICATIONS

2018

- [**Nuclear power and high sea water temperatures \(pdf 0.5 MB\)**](#)

This text addresses the deliberate reduction of reactor power performed when sea water temperatures become unusually high. It would be possible to adapt the reactors so that they may be operated at full power even when the sea warms. The reason for the existing temperature limitations is the economic optimisation on which the design of the reactor has been based. The cost of occasional production losses on warm summer days has been weighed against the increased costs of designing the plant for high sea water temperatures. [Read the full text here.](#)

2017

- [**Fukushima - the first observations inside reactor 2**](#)

Last week Tepco reported that for the first time a camera and measurement devices had been inserted inside below the reactor pressure vessel of reactor 2 in Fukushima. Here are a few comments on the observations from the exercise, followed by links to pictures and other information. [Read the full text here.](#)

2016

- [**Climate impact of four closed reactors \(pdf 0.08 MB\)**](#)

The announced decisions by Vattenfall and Eon about premature closure of four reactors at the Swedish nuclear power plants Ringhals and Oskarshamn will result in an increased use of electricity generated from fossil fuels in neighbouring countries. Here the climate impact is calculated from a few simple assumptions, and the results are compared with other emissions.

- [**The Swedish energy policy agreement of 10 June 2016 - unofficial english translation \(pdf 90 kB\)**](#)

As there are speculations in international media regarding the meaning of the Swedish energy policy agreement, a translation into english of the original document is supplied here. [Read the full text here.](#)

- [**Comments on "Before the Flood" \(pdf 308 kB\)**](#)

This report comments on some statements in the documentary film "Before the Flood" by Leonardo DiCaprio. It also responds to some incorrect statements about nuclear power given on the film's web page. [Read the full text here.](#)

2007

- [Nuclear power and the climate change \(pdf 1.1 MB\)](#)
- [The Forsmark incident 25th July 2006 \(pdf 0.13 MB\)](#)

2006

- [The Convention on Nuclear Safety \(pdf 0.6 MB\)](#)

2004

- [Uranium - a sustainable energy source \(pdf 0.4 MB\)](#)