# Why We Need Nuclear Power: The Environmental Case

By Dr. Michael Shellenberger



#### Why We Need Nuclear Power: The Environmental Case

by Michael H. Fox

★ ★ ★ ★ ★ 4.9 out of 5 Language : English File size : 9508 KB : Enabled Text-to-Speech Screen Reader : Supported Enhanced typesetting: Enabled Word Wise : Enabled Print length : 320 pages : Enabled Lending



We are facing a climate emergency. The world is warming at an unprecedented rate, and the consequences are already being felt in the form of more extreme weather events, rising sea levels, and melting ice caps. We need to take urgent action to reduce our emissions of greenhouse gases, and one of the most effective ways to do that is to switch to nuclear power.

Nuclear power is a clean, safe, and affordable source of energy that can help us fight climate change and improve our air quality. Nuclear power plants do not emit any greenhouse gases, and they produce very little waste. In fact, nuclear waste is one of the most tightly regulated substances on earth.

Nuclear power is also very safe. The safety record of nuclear power plants is excellent, and there has never been a nuclear power plant accident that has caused any deaths or serious injuries to the public.

Nuclear power is also affordable. The cost of nuclear power has been declining in recent years, and it is now competitive with other sources of energy, such as coal and natural gas.

So why aren't we using more nuclear power? There are a number of reasons, including fear of nuclear accidents, concerns about nuclear waste, and the high cost of building nuclear power plants.

However, these concerns are overblown. Nuclear power is a safe, clean, and affordable source of energy that can help us fight climate change and improve our air quality. We need to overcome our fears and embrace nuclear power as part of the solution to our energy challenges.

#### The Benefits of Nuclear Power

Nuclear power offers a number of benefits over other sources of energy, including:

- Clean: Nuclear power plants do not emit any greenhouse gases, and they produce very little waste.
- Safe: The safety record of nuclear power plants is excellent, and there has never been a nuclear power plant accident that has caused any deaths or serious injuries to the public.

- **Affordable:** The cost of nuclear power has been declining in recent years, and it is now competitive with other sources of energy, such as coal and natural gas.
- Reliable: Nuclear power plants can operate 24 hours a day, 7 days a week, regardless of the weather.
- **Efficient:** Nuclear power plants are very efficient, meaning that they can produce a large amount of energy with a small amount of fuel.

#### The Environmental Case for Nuclear Power

Nuclear power is essential for fighting climate change. Climate change is the greatest threat facing our planet today, and we need to take urgent action to reduce our emissions of greenhouse gases. Nuclear power is a clean source of energy that can help us to do that.

In addition to fighting climate change, nuclear power can also improve our air quality. Nuclear power plants do not emit any air pollution, so they can help to reduce smog and acid rain.

### **Overcoming Our Fears of Nuclear Power**

There are a number of fears that people have about nuclear power, including fear of nuclear accidents, concerns about nuclear waste, and the high cost of building nuclear power plants.

However, these fears are overblown. Nuclear power is a safe, clean, and affordable source of energy that can help us to fight climate change and improve our air quality.

We need to overcome our fears and embrace nuclear power as part of the solution to our energy challenges.

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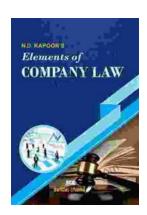




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