

## Podcast Script: Nuclear Energy

[insert sound of a city, fade as talking starts]

In today's world, humans require lots of energy. We need renewable energy that is efficient, clean, and reliable. Can nuclear energy help solve the world's energy problem? Or do the dangers outweigh the benefits?

[transition instrumental music]

Nuclear energy may seem dangerous, especially if you're focusing on catastrophic events like the Chernobyl disaster, where 31 people died from a nuclear accident.

31 deaths seems like a lot, but what if I told you that 2 million people die *every year* from air pollution? Michael Shellenberger tells us more.

[enter audio clip from Ted Talk: Why I changed my mind about nuclear power]

We need an energy source that actually saves lives, and nuclear energy is the solution.

[ding, successful sound]

With other renewable resources like wind and solar, nuclear energy outplays them all. It takes up significantly less space than placing solar panels in a field, or spacing out windmills along a ridge. Nuclear energy is also *much* more efficient. You can't always rely on the sun to be shining or the wind to be blowing. And, there is much more energy created from nuclear power plants than other forms of renewable energy.

[transition sound]

[insert audio clip from Ted Talk: Debate: Does the world need nuclear energy?]

[use same transition sound as above]

Making the transition to nuclear energy is much more logical than continuing the use of nonrenewable resources.

The United States currently uses the most nuclear energy. Making the shift to use nuclear energy really depends on socioeconomic and environmental factors of that country. But it can be done.

[transition music instrumental]

In our modern world, nuclear power plants are much more efficient. Leslie Dewan is the CEO of Trans-atomic Power. Listen as she tells us more.

[insert audio clip from Vox: The fight to rethink (and reinvent) nuclear power]

This efficiency allows for much energy to be produced. And, the small amount of waste that's produced isn't really significant. It's compact. It becomes less radioactive overtime. It is stored in the ground, whereas waste from gasoline goes straight into the air that you breath in.

[transition instrumental music]

Nuclear energy is the future, and we're here for it.

[outro music]