Nuclear Energy (pro) Opening Statement

The current world population is at about 7.2 billion people. In the next 12 years, that number is projected to increase by 1 billion. To cease production of nuclear energy would be impractical, especially given the efficiency of nuclear reactors as compared to other forms of energy. Nuclear energy is an exponentially more efficient a source of power than oil, given the uranium pellet-to-oil drum energy ratio. Although a lot of energy and resources are used to create nuclear power plants, the plants run far and beyond their own projected lifetimes, providing a great amount of energy throughout. With the creation of nuclear power plants in the past, and the maintenance and improvements done to them in the present, energy yield per power plant has been on the rise, leading the world to a more efficient future.

Furthermore, nuclear energy is a safe energy alternative. Although mistakes have been made in the past, lessons have been learned, and improvements have been made. Safety regulations have been heightened to extreme levels, and constant maintenance is done on the plants. Nuclear power plants pose less of a health risk to the surrounding population than coal power plants, and even release often less than 1% the radiation coal power plants release. Nuclear energy also meets air quality standards, and releases no greenhouse gases. Nuclear energy should be further exploited as a principal source of energy throughout the United States.