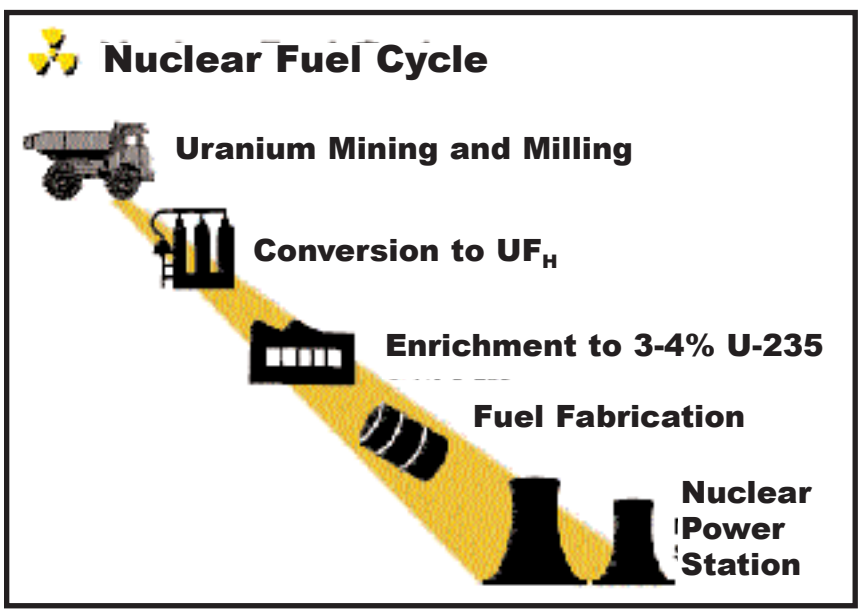
NUCLEAR POWER:

NOT THE ANSWER TO GLOBAL WARMING

The nuclear fuel chain is highly energy intensive and polluting.

- **The mining, transportation and enrichment of uranium, construction of nuclear power plants and treatment, storage, transportation and disposal of nuclear waste all require intensive amounts of fossil fuel energy and lead to significant carbon dioxide (CO_2) emissions.**

- **Compared to renewable energy, nuclear power releases 4-5 times more CO_2 per unit of energy over the entire fuel chain. As uranium ore quality decreases, the amount of energy required for enrichment will increase and so too will CO_2 emissions.**



- **The enrichment process leads to considerable emissions of Freon, an ozone-damaging gas with thousands of times more global warming potential per unit than CO_2.**

- **The two enrichment plants in Portsmouth, Ohio, and Paducah, Kentucky, released 818,000 pounds of Freon in 1999, 88 percent of all U.S. industrial sources.**

Replacing coal plants with nuclear power plants will not stop global warming.

- **A Massachusetts Institute of Technology study projected we would need 1500 new 1000-megawatt reactors to displace a significant amount of the projected increase in CO_2 emissions. The amount of waste from these plants would require a new waste repository site every 3 to 4 years.**

Uranium mining in Grand Canyon.

- **Nuclear plants take at least 10 years to build. Over the next 12 years, the European Union plans to develop 10,000MW of wind power and 10,000MW of biomass, equivalent to 15-20 nuclear power plants.**