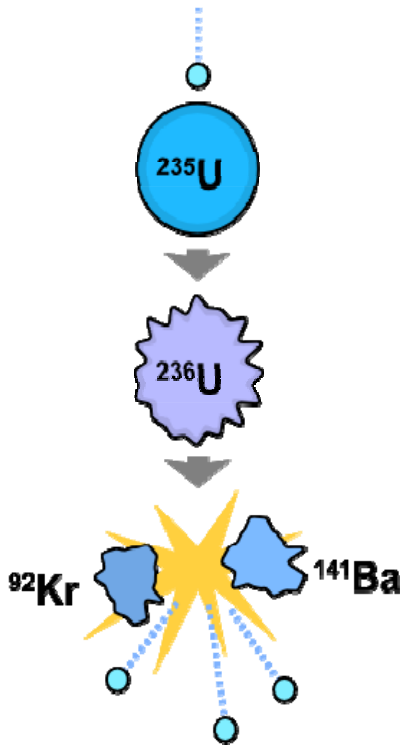


# Nuclear Power Plant



- There are 104 nuclear power plants in the United States
- 20 % of total electricity generated and 70 % emission-free electricity
- There are 64 nuclear sites in 34 states
- Nuclear energy serves 60 million people



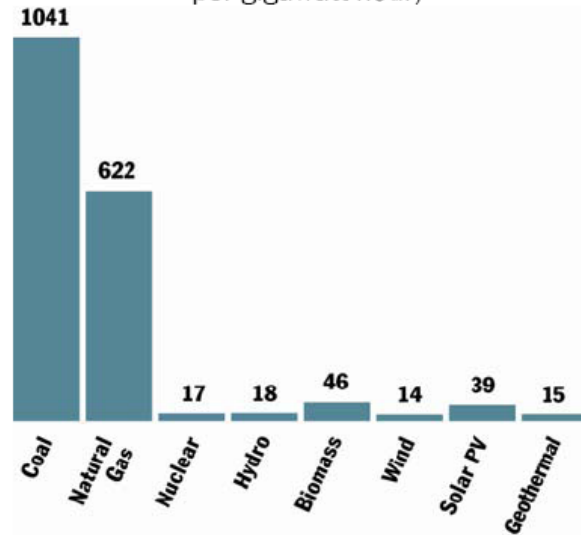
Group Members  
Stephen Bolt  
Ben Lail  
Adam Davis

## Advantages of Nuclear Energy

- Low cost and predictable power at a stable price
- Nuclear energy has one of the lowest environmental impacts of any electricity source
- A 1000 MW plant would take a wind farm 235 square mile to produce the same 1000 MW

## Carbon Impact of Nuclear Energy Comparable to Renewables

(tons of carbon dioxide equivalent per gigawatt-hour)



Source: University of Wisconsin

## Disadvantages of Nuclear Energy

- The problem of radioactive waste is still unsolved
- Not sustainable with the life time of spent nuclear fuel and old plants lasting hundreds of generations
- The threat of nuclear weapons from the enrichment of the spent fuel.

