Nuclear Engineering Camp 2005 at the University of Missouri -Rolla

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Speakers

 Nuclear waste disposal Dangers of Radiation Callaway Hospital tour History of nuclear reactors Nuclear Space Food uses

Activities

- Pizza Party
- Watching "BRAVEHEART" on the TJ wall
- Exploring the Campus
- Going to Sports and fitness center
- Volleyball at the park

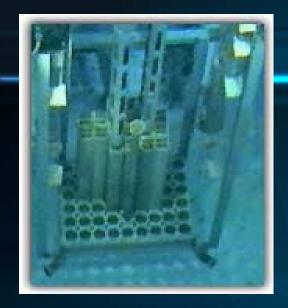
- Pool and Foosball
- Videogames
- Staying in the dorms with a roommate
- Bowling
- Walking around campus testing the radioactivity of buildings

Presentations

 At the end of the week, each focus group created their own power point presentation.

 "Nuclear Power in Space", "Alternate Fuels", and "Next Generation Reactors" were just some examples of focus group presentations.





Reactor Operations

In my focus group, we studied and presented on the Reactor Operations. My group was able to witness the blue glow effect twice because of our focus group.

Water in the reactor acted in four ways

- 1. Coolant
- 2. Radiation shield
- 3. Moderator
- 4. And reflector

We learned about the rules and regulations of the nuclear game.

The BIGGEST rule of all is SAFETY FIRST! (unlike our lovable Homer here)



Experiments

• Half-Life



Two-Phase Flow

What We Learned...

