SMR Thermal Loop Ideas

Austin Downey

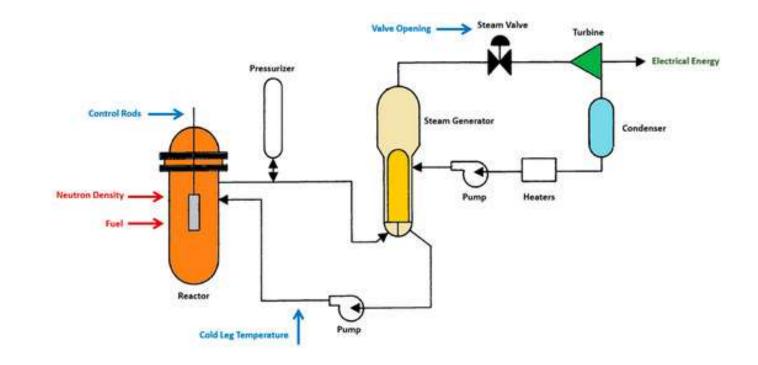


Molinaroli College of Engineering and Computing

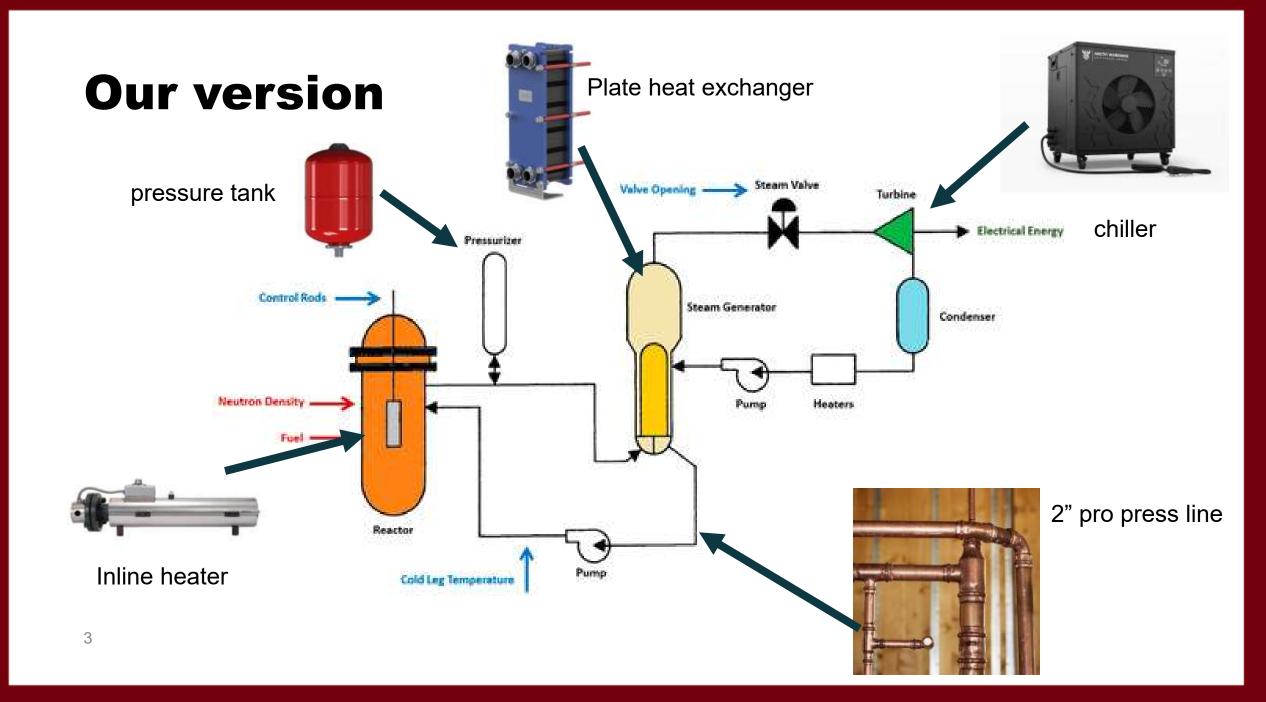
The main idea

Keep it,

- Safe
- Simple
- Easy
- Clean



Basic idea, from the paper "Real-Time Simulation of a Small Modular Reactor in-the-Loop within Nuclear-Renewable Hybrid Energy Systems" https://www.mdpi.com/1996-1073/15/18/6588



Hardware we have for use





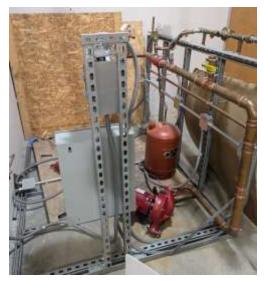






Hardware we have for use













Thank You for Your Time

Name: Ausitn Downey

Title: Associate Professor

Email: austindowney@sc.edu

Lab GitHub: github.com/arts-laboratory

