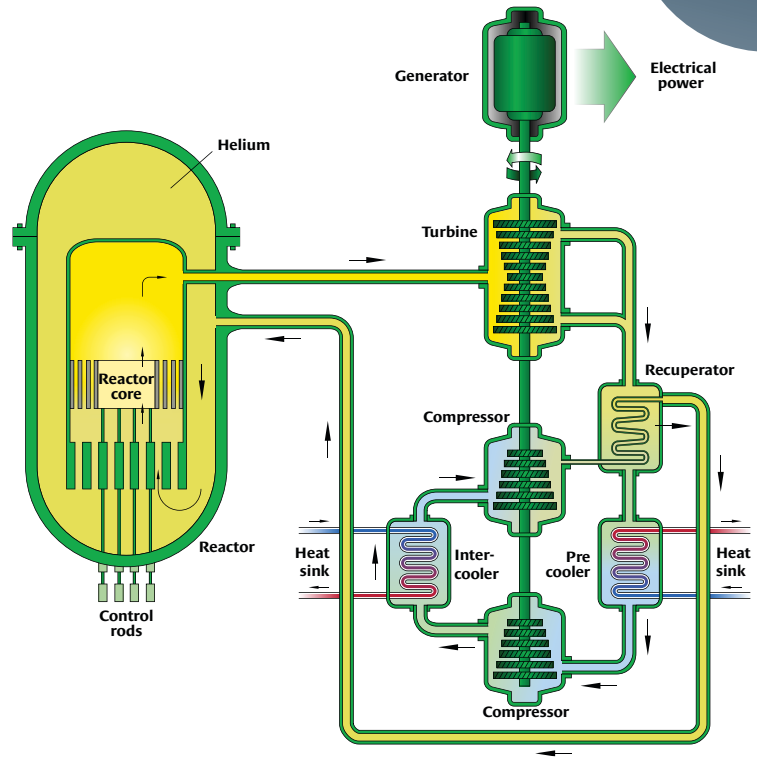




identical, scaled-up versions the HTGR at Fort St. Vrain, on which construction had recently been completed. The initial fuel loading and startup testing at Fort St. Vrain provided a good amount of certainty around Fulton's core arrangement since the reactors were so similar.

Fulton-1 and -2 were to be fueled with a mixture of uranium and thorium that would be contained within graphite blocks, which would serve as moderator. The core was to be cooled by helium circulating through six primary cooling loops that would ultimately reject heat to six steam generators. The entire NSSS was to be housed in a prestressed concrete reactor vessel (PCRV) measuring 91 feet high with a diameter of 100 feet, constructed of high-strength concrete. The reactor vessel was reinforced and prestressed with steel tendons. This type of reinforcing was also utilized in Fort St. Vrain.



Continued Schematic diagram of a typical HTGR. (Image: Beao/Wikipedia)

PROMOTE your JOB LISTINGS with

Recruiting and hiring the best talent are significant challenges for many organizations right now. To further assist with your search and help set yourself apart in this competitive market, ANS is pleased to offer premier online job listings! Premier credits include a company logo next to your listing, keeps your posting near the top of the job board, and a link to your posting is included in a monthly email to ANS membership.

▶ Visit www.ans.org/careers/finder to post today.

Graphics for Harsh Environments™

- Pocket Signs
- Rad Waste Tags
- Step Off Pads
- Floor Drain Plates
- Standard Postings
- Illuminated Postings
- Plan View Holders
- Pipe Markers
- Boundary Strips
- Security Signs
- Custom Printed Postings

Uticom Systems, Inc.
109 Independence Way
Coatesville, PA 19320

graphics@uticom.net • www.uticom.net
610-857-2655 • Fax: 610-857-2986

