

Reactors: DFR and water-moderated

DFR

- Consumes “waste”
- Consumes natural Uranium and natural Thorium
- Produces fuel for water-moderated reactors, if desired
- Produces CO₂-neutral chemical fuels
- Has a closed internal fuel cycle

vs.

Water-moderated Reactor

- Produces “waste”
- Consumes U-235
- Can not produce chemical fuels
- Low power density, high costs
- Relies on fuel cycle infrastructure

Should not be an “either/or”

DFRs could be deployed on the site of water-moderated reactors, complementing their operation and closing their fuel cycle