D. Poston, M. Gibson, T. Godfroy, and P. McClure. “Design of the KRUSY Reacotr.” NETS 2018, Las Vegas, NV. Feb 2018.

HEU7.5Mo

BeO Reflector

Haynes-230 heat pipes

B4C Control Rods

Rated Power: 5 kWt

Core average fuel temperature: 800C (1073 K)

Heat pipe temperature: 775 C (1048 K)

Average Test fuel power density: 1.60 W/cc

U235 inventory: 27.5 kg