Specs for Fuel Rods

mPower

Length: 2.4 meters

69 Fuel Assemblies

Assembly is 17x17 rods

Less than 5% Enriched

Burnup: > 40 GWd/MT

48 Month Cycle

Thermal Capacity: 530 MW

Coolant Inlet: 295 °C

Coolant Outlet: 319 °C

Nuscale

Length: 2 meters

37 Fuel Assemblies

Assembly is 17x17 rods

Less than 4.95% enriched

Burnup: Not determined yet

24 Month Cycle

Thermal Capacity: 160 MW

Core Inlet: 497 °F

Core Outlet: 543 °F

Aside from shorter length, effectively identical to normal PWR fuel.

https://www.nrc.gov/docs/ML1700/ML17007A001.pdf

Sources

https://www.iaea.org/NuclearPower/Downloadable/SMR/files/IAEA\_SMR\_Booklet\_2014.pdf