

Advanced Nuclear Energy Programs

Division 6000 | Group 6220

The Supercritical CO₂ Brayton Cycle

Point of Contact: **Gary Rochau**

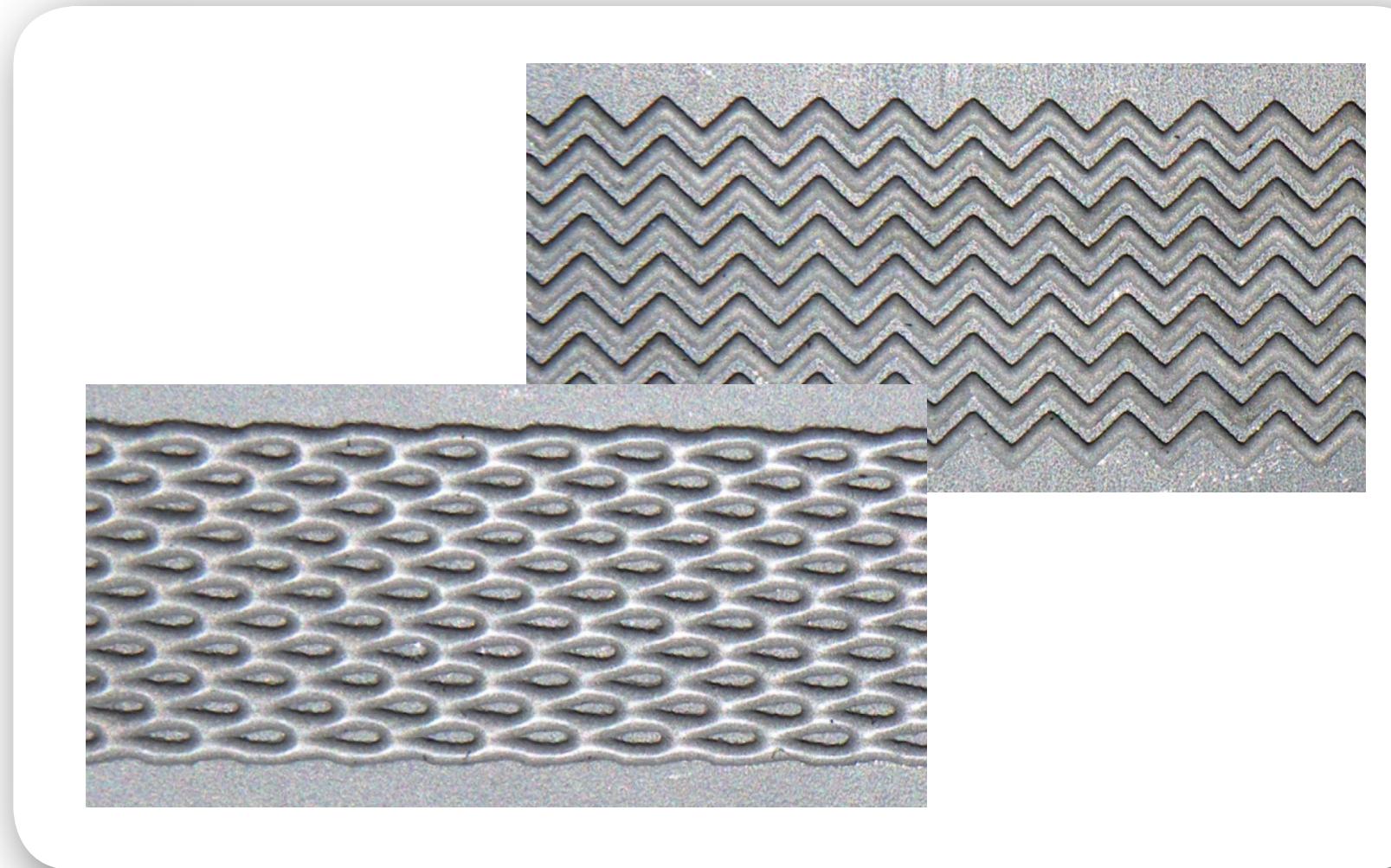
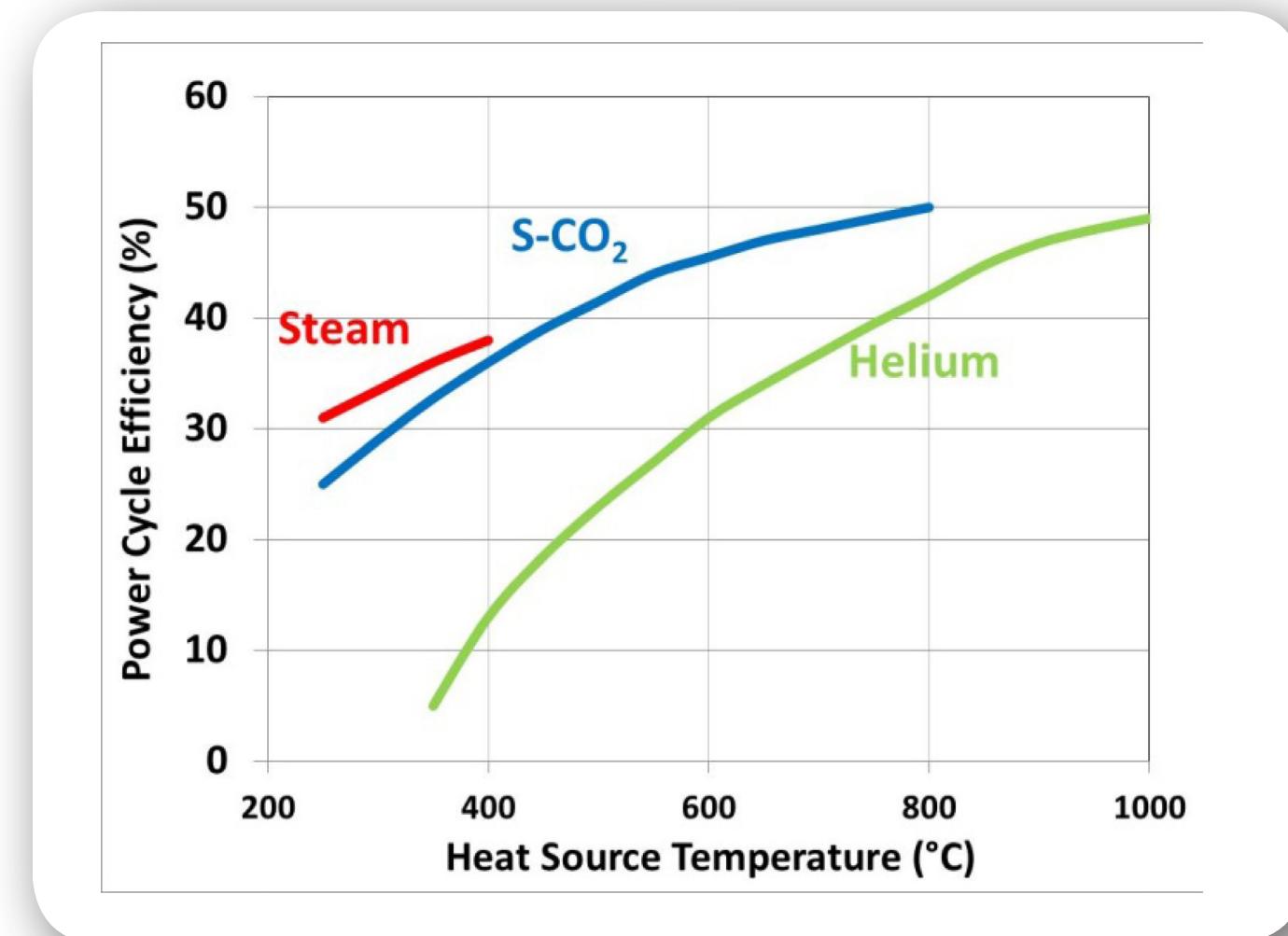
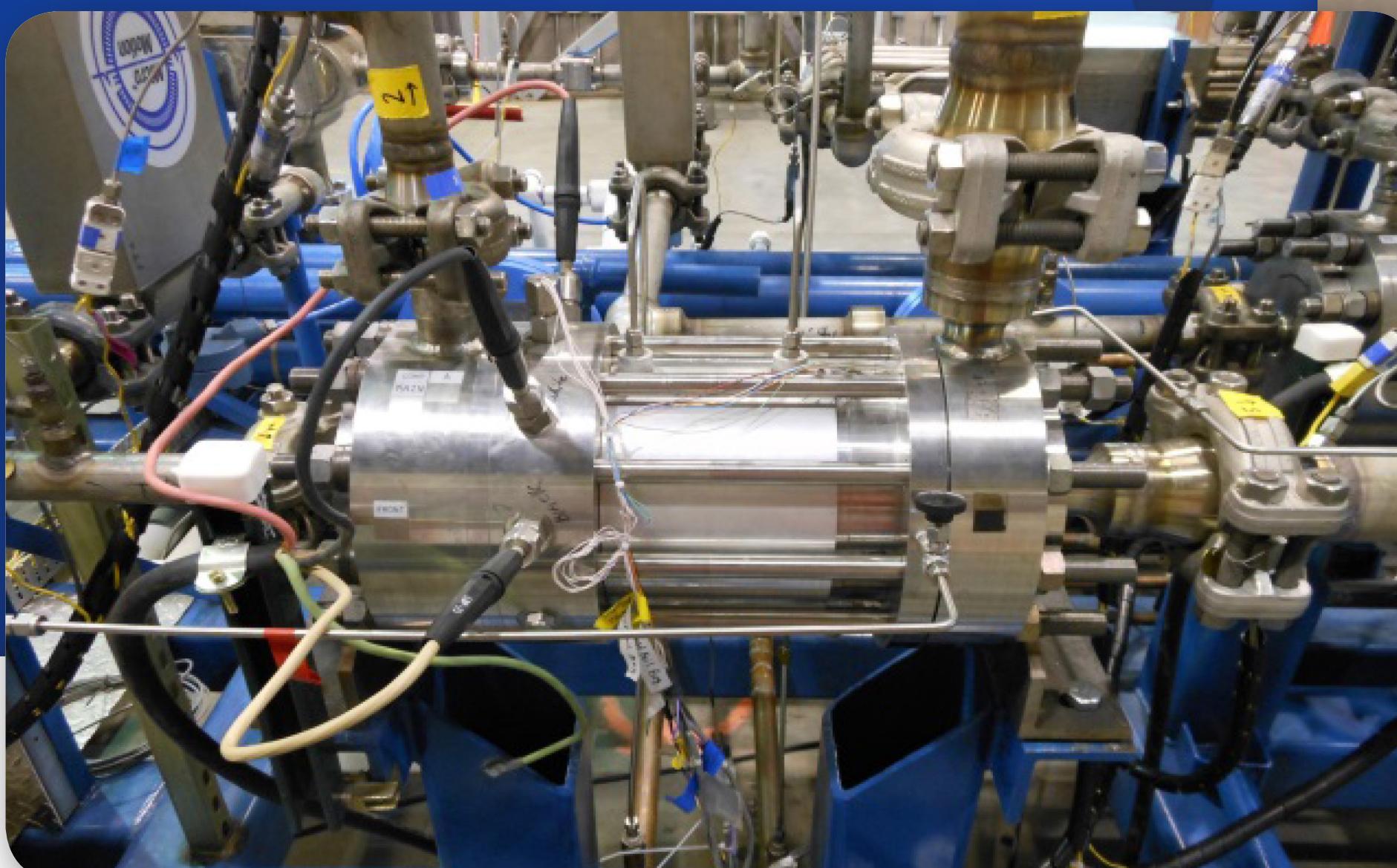
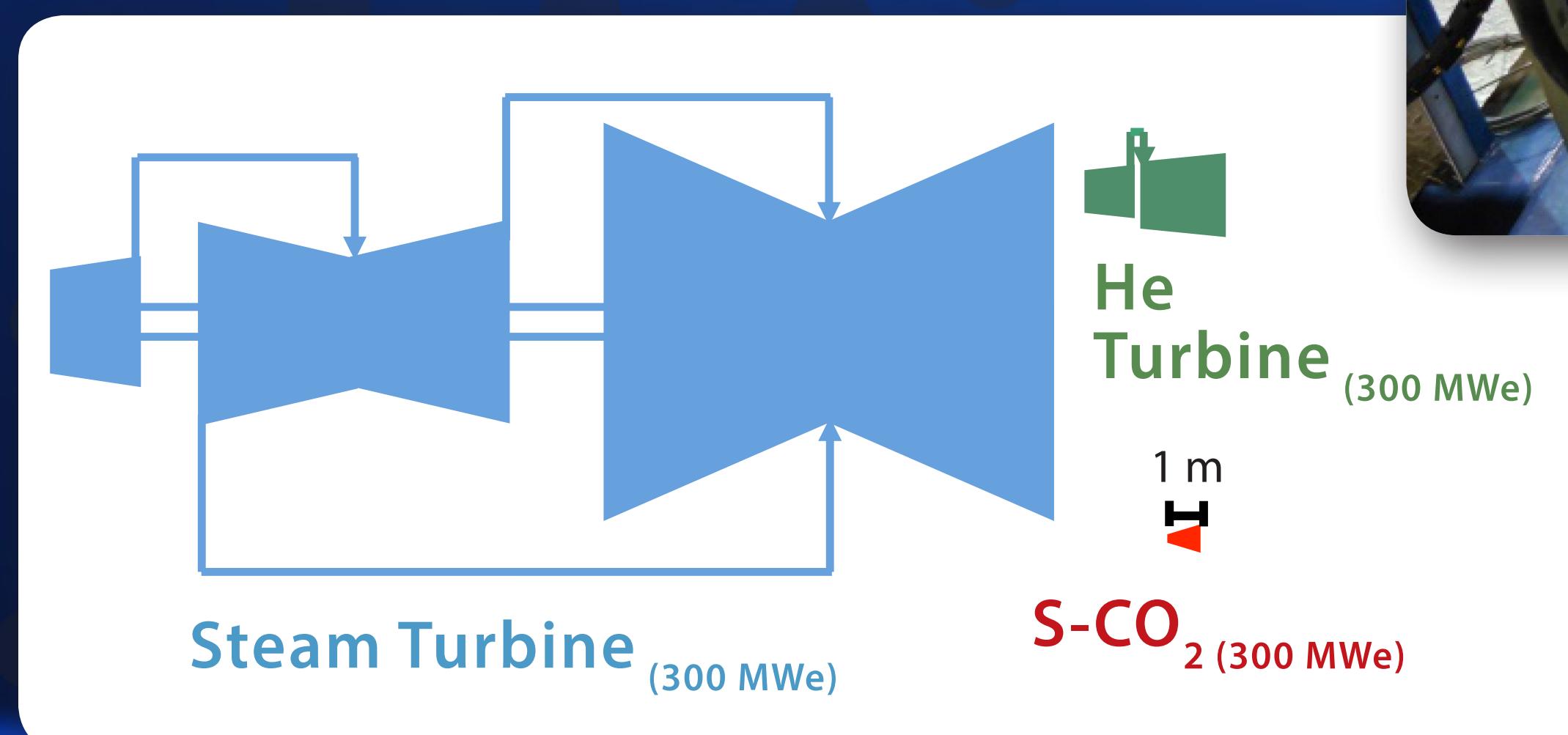
505/845-7543 | gerocha@sandia.gov | 6221

A Compact, High-Efficiency 21st Century Energy Conversion Technology

World's First Power Production Using Supercritical CO₂

S-CO₂ power technology can
be used with **any** heat source

Fossil, nuclear, concentrating solar,
geothermal, waste heat recovery, etc.



From LDRD to commercialization in seven years, with DOE-NE support