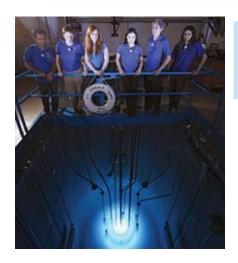
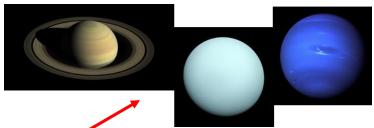


Why Consider Nuclear Thermal Propulsion?



Using nuclear fuel comparable to what powers university class reactors across the USA



- Metric tonnes of usable payload in orbit around outer planets and moons
- Fast trip times
- Much lower cost than previously estimated from use of Low Enriched Uranium



Goal of on-going NTP project is to determine the feasibility and affordability of a Low Enriched Uranium (LEU)-based NTP engine with solid cost and schedule confidence.



Possible Future Capabilities

- NTP reactor providing multiple kWe electric power for entire mission
- Using NTP for braking at mission destination using advancements in Cryogenic Fluid Management to increase usable payload mass at the destination
- Other potential users showing interest