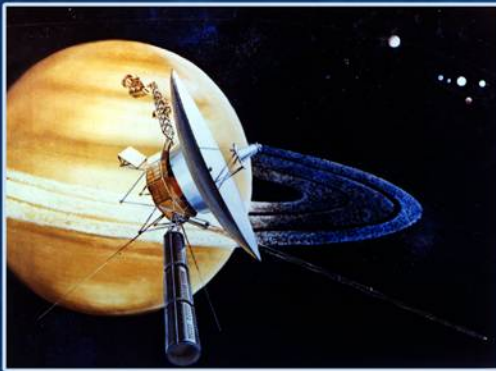


THREE DECADES OF DEVELOPMENT AND PRODUCTION OF IRIIDIUM ALLOYS FOR SPACE EXPLORATION

Radioisotope Power Systems Program



Galileo, launched in 1989, was crashed into Jupiter in 2003 after exploring the planet and its moons

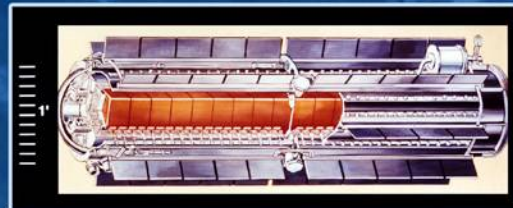


Cassini, launched in 1997, reaches Saturn system in mid-2004



Voyagers 1 and 2, launched in 1977, explored Jupiter, Saturn, Uranus, Neptune

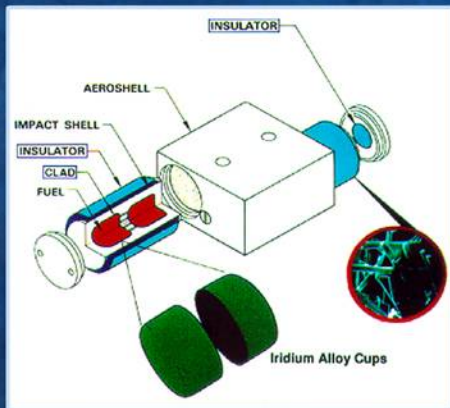
Radioisotope Thermoelectric Generator



General Purpose Heat Source

Iridium is selected for

- Compatibility with fuel and graphitics
- High melting temperature (2716K)
- High temperature strength
- Excellence in corrosion resistance
- Iridium alloy development for
 - improved ductility
 - fabricability



Process improvements significantly increased iridium blank production yield

