

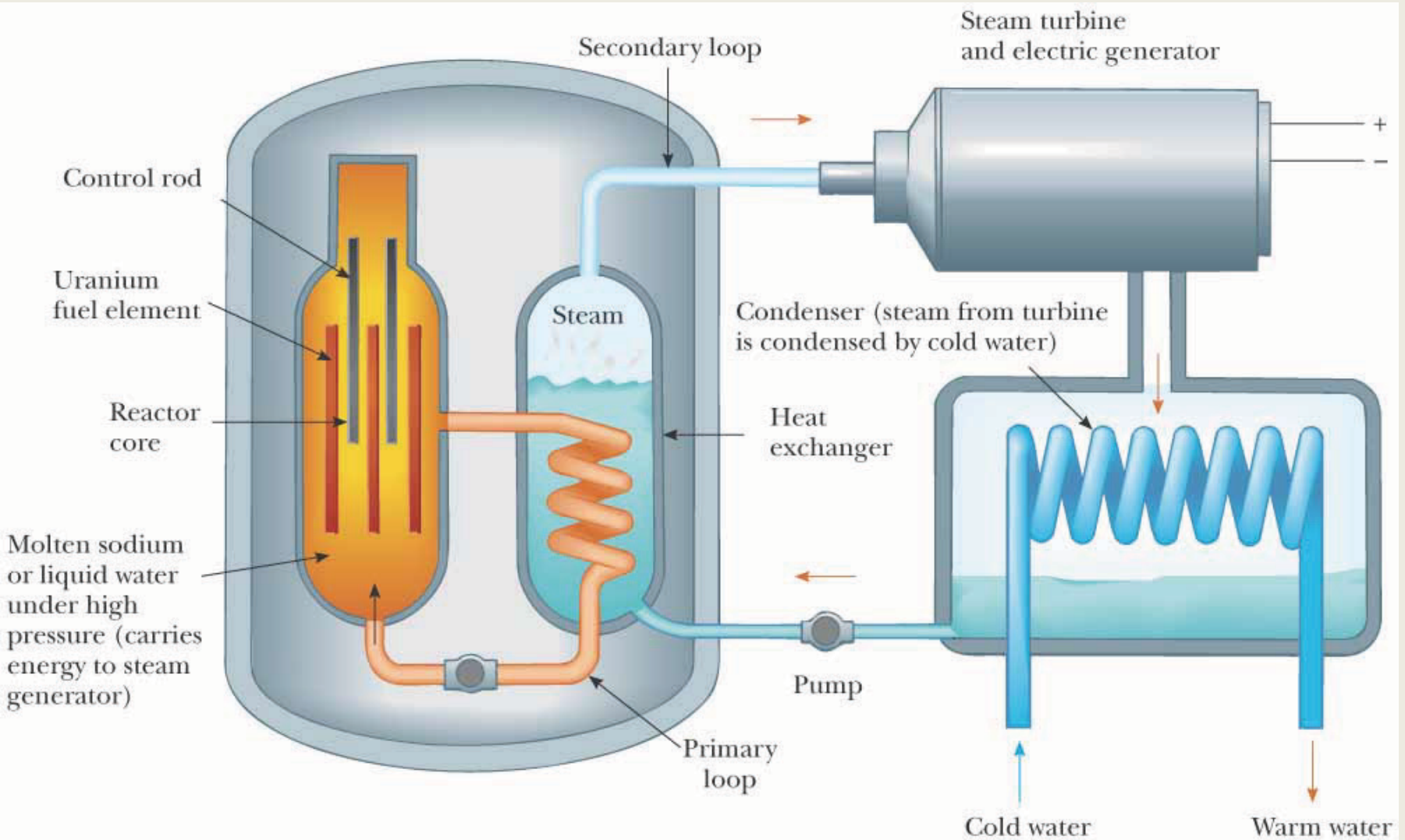


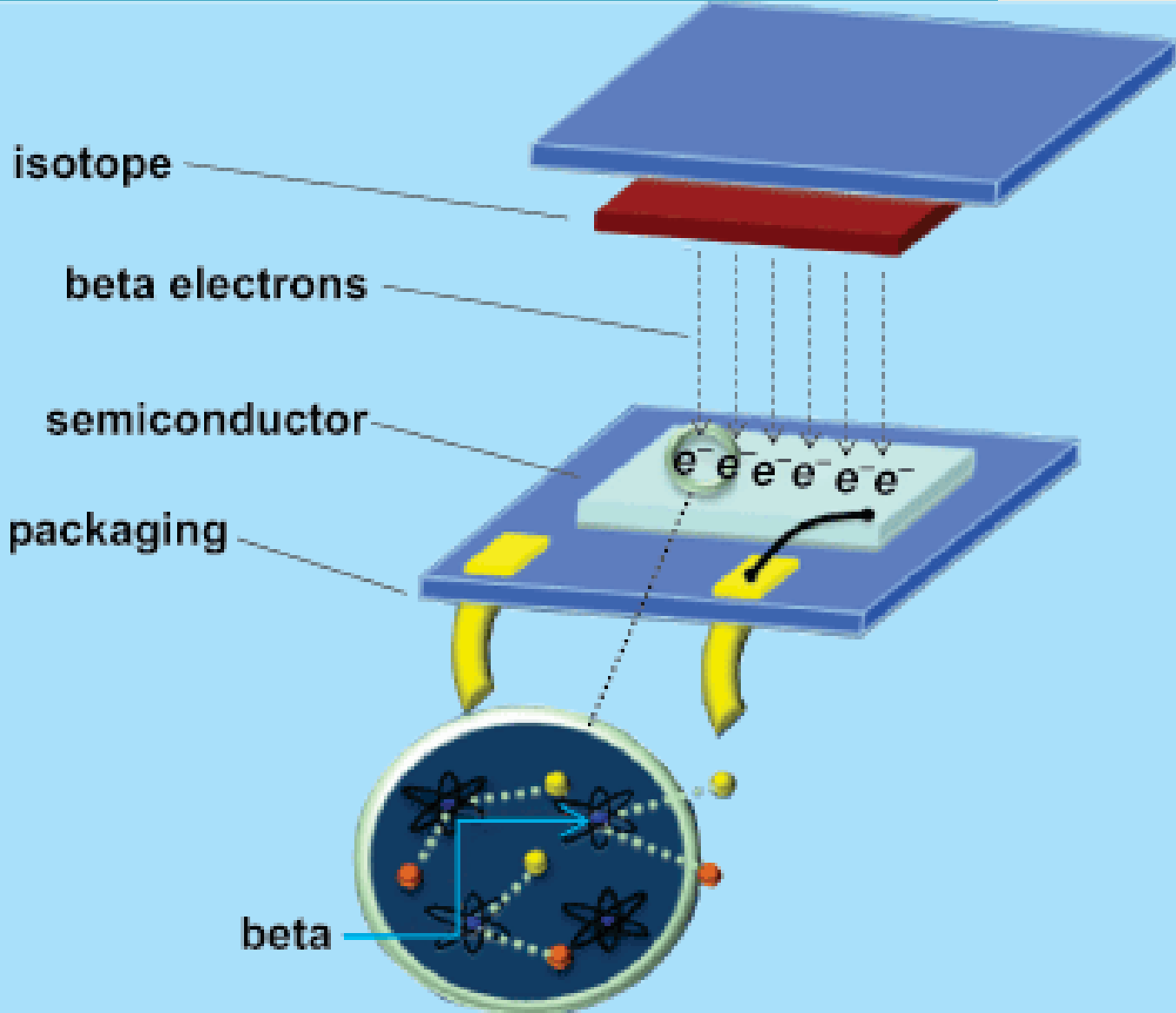
High Power – to – Weight Ratio for Propulsion

Arc Reactor Technology:  
3 GigaJoules/second, 8 cm diameter

# Conventional Nuclear Fission:

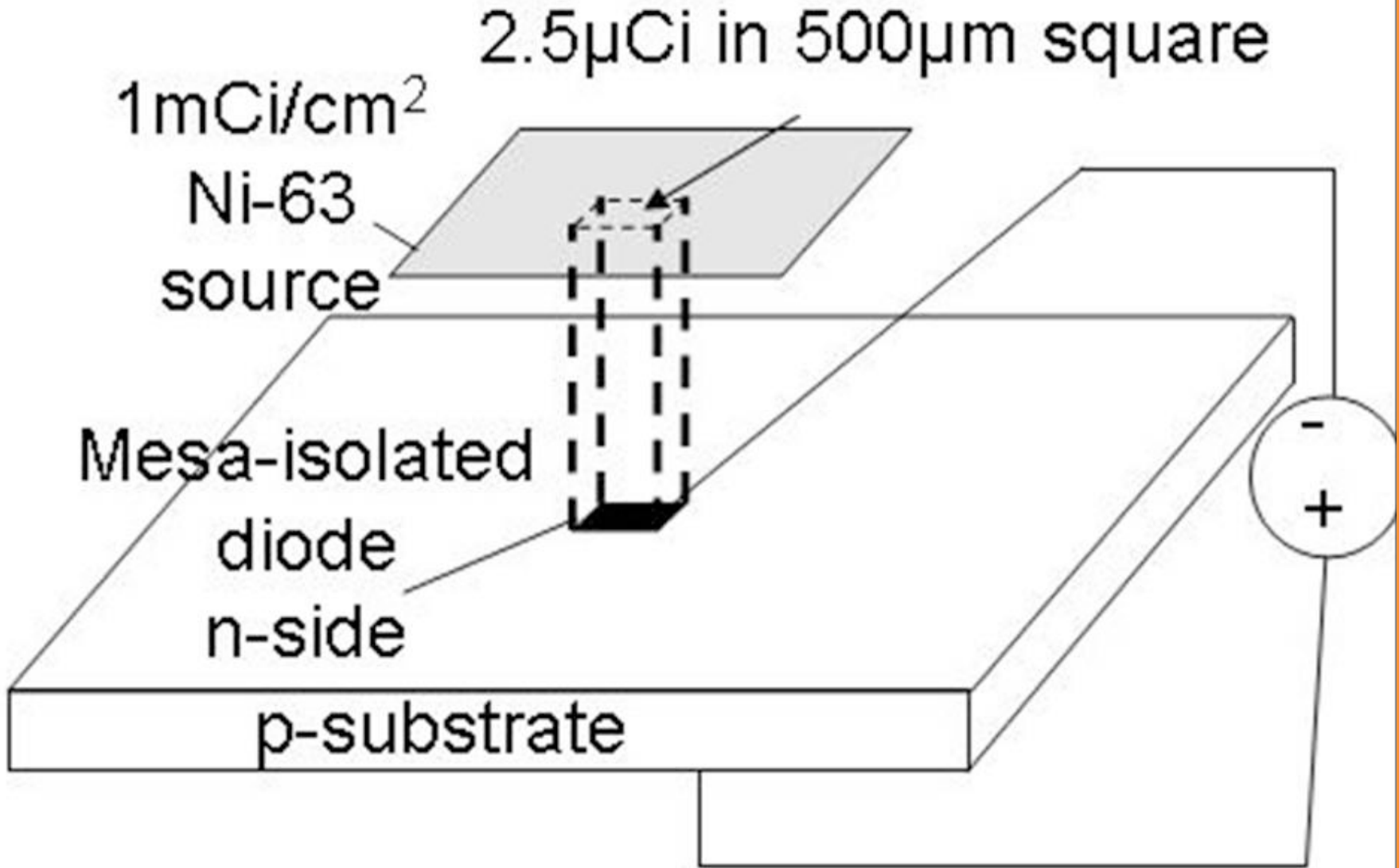
High Power in MegaWatts, Use of Steam Turbine, Too big

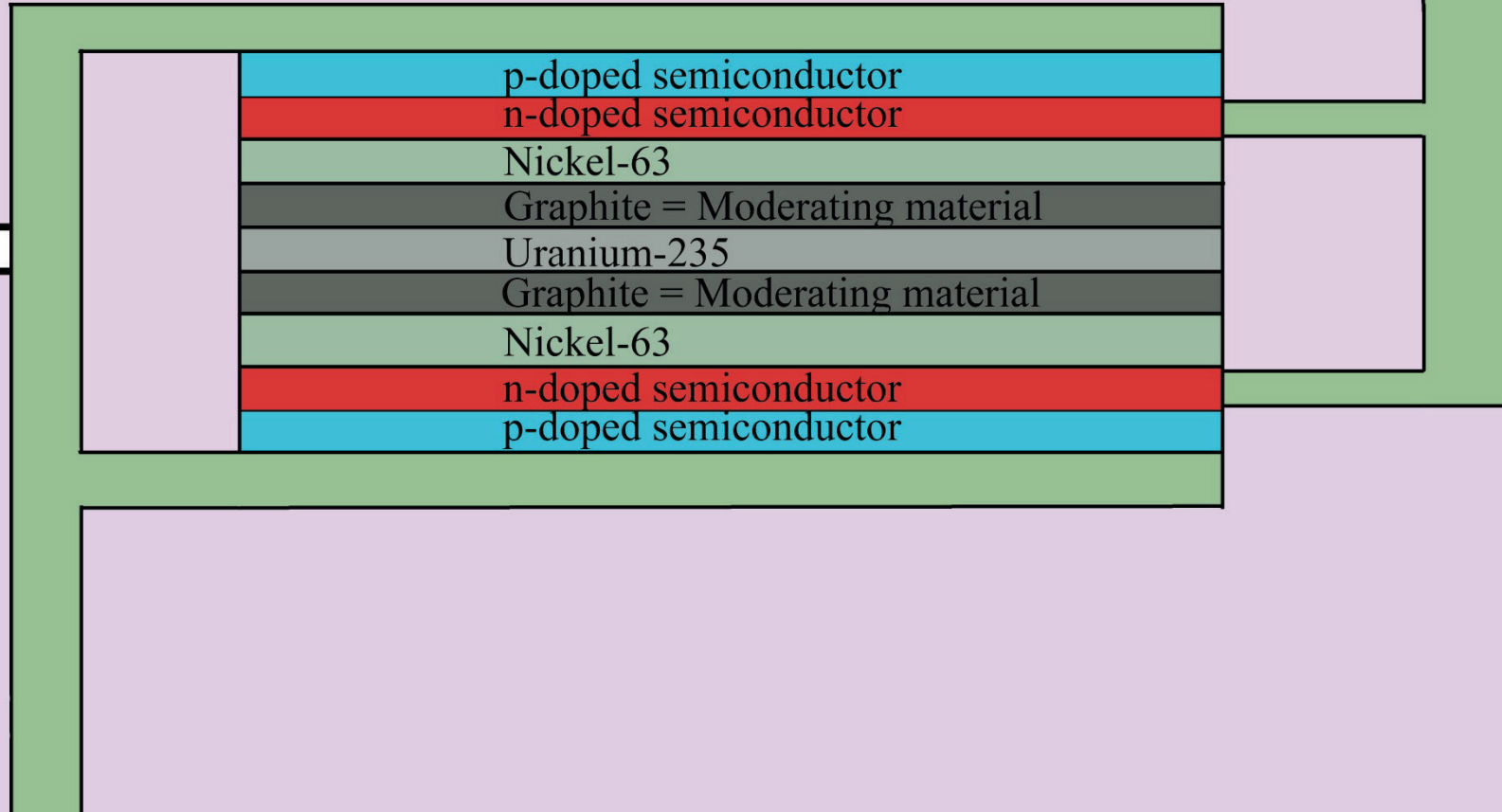




Conventional Betavoltaic Battery:  
Small, Power in nano-milliWatts

# Typical Betavoltaic Battery



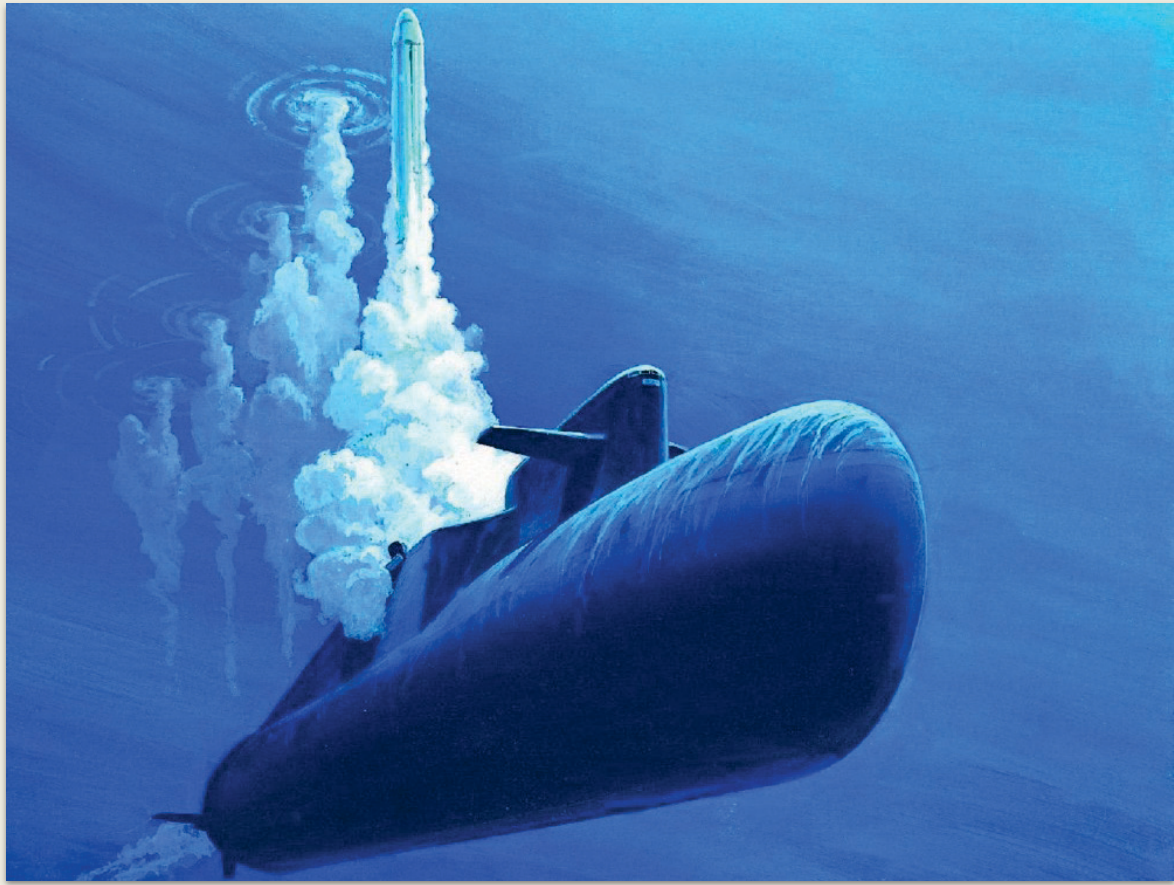


# Combining Fission and Betavoltaics:

<http://www.ipo.gov.uk/p-find-number?csbtype=F&csbapp=GB1121875.7>

<http://www.ipo.gov.uk/p-find-publication-getPDF.pdf?PatentNo=GB2484028&DocType=A&JournalNumber=6410>





# Potential Applications