

IAF SPACE POWER SYMPOSIUM (C3)
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ENERGY-OBTAINING SYSTEM TO PROPEL SPACECRAFT THROUGH THE GENERATION OF
THERMOELECTRIC RADIOISOTOPES.

Abstract

The generation of propulsion through space using a radioisotope thermoelectric generator, improves the movement of the ship in space, making it have greater autonomy in space and be able to fulfill various space missions without requiring the supply of energy. external, but by using its radioisotope thermoelectric generator, the great difference in obtaining energy helps to maintain stability in energy administration, causing both electronic and electromechanical systems to function with the same capacity regardless of solar energy, regulators of energy at the time of energy instability, these may be affected, so with this new purpose, this system will be able to maintain better stability, making the trajectory more agile, reducing the weight of systems required to stabilize solar energy.