

Figure 10. Spacecraft and instrument power for each of the operating states were tailored to ensure safe power margins through the primary mission.

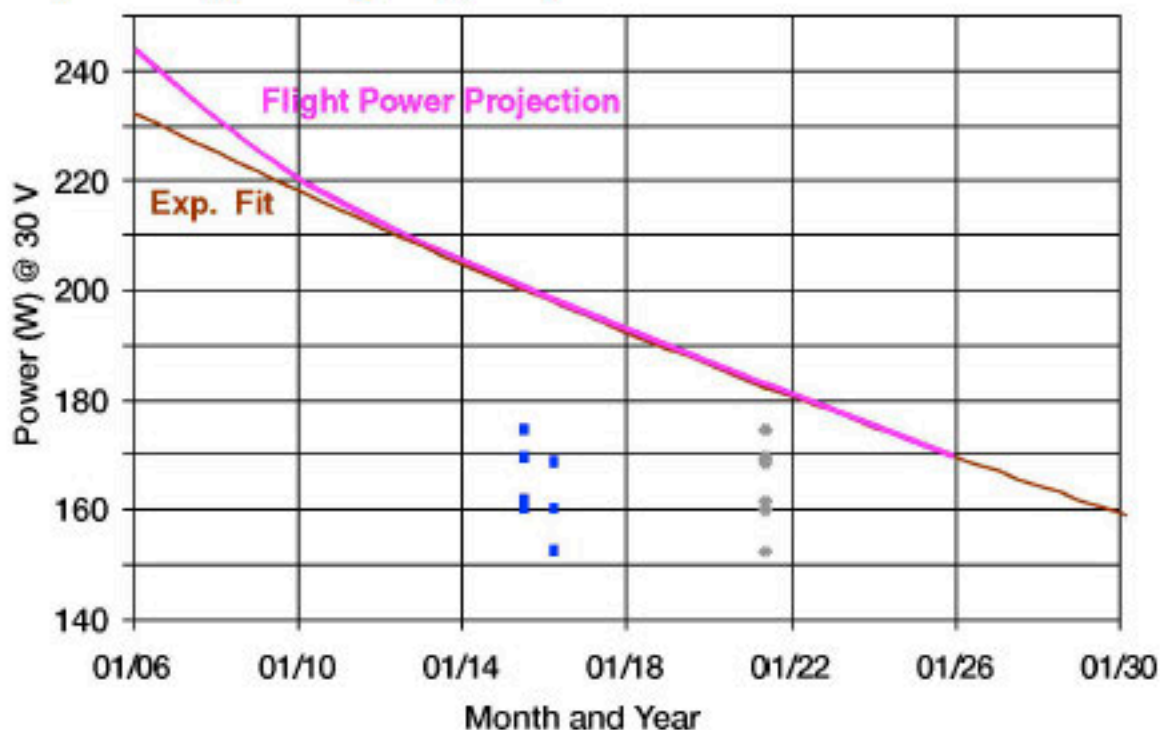


Figure 11. The RTG power output decreases with time, primarily as a result of the plutonium decay half-life of 87 years. The generator supplies sufficient power even at 50 AU (~ 2021) to support all necessary spacecraft states for an encounter and data playback (blue squares indicate Pluto and gray diamonds indicate a Kuiper Belt object at 50 AU).