

POWER SYSTEM EFFICIENCY RELATIONSHIPS

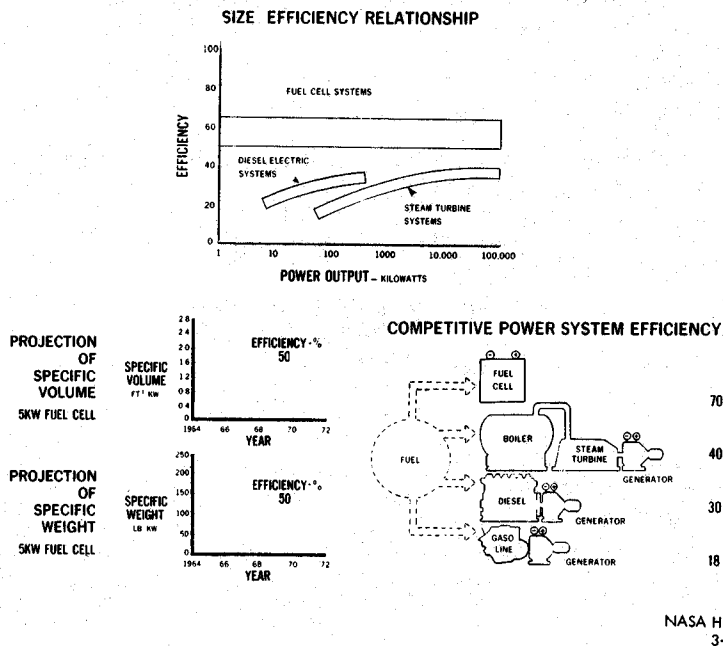


FIGURE 27

the present system. I feel that the committee would be interested in this technology transfer from the space program, particularly in the light of advancing industrial technology and forming new markets for the civilian economy, which in the final analysis is the base of our economic posture.

Going on with the reasons (see fig. 25, MC67-5971) for supporting Manned Space Flight at this time—it will maintain the forward momentum that space technology has given our competitive position and the world marketplace through research and development for our industrial technology. Here again, the example I have just cited is significant. Further, the MSF program will support the broad base of research and development vital to our security as a nation.

It will take advantage of the tremendous opportunities for expansion of knowledge at a time when space-based astronomy and exploration embracing the whole field of space science show promise of breaking through into an era of real discovery.

It will provide the means to meet the challenge of the future in space at a relatively modest cost as measured against a percentage of gross national product. The peak was in fiscal year 1966 when NASA ex-