



## Circular of the Bureau of Standards Volume 40-48

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 26 pages. Original publisher: Washington, D. C. (P. O. Box 37050, Washington, D. C. 20013) : The Office, 1998. OCLC Number: (OCoLC)40718678 Subject: Space probes. Excerpt: . . . B-279348 NASA DOE and are working on new nuclear-fueled generators for use on future space missions. and s Advanced Radioisotope Power NASA DOE Source Program is intended to replace RTGs with an advanced nuclear-fueled generator that will more efficiently convert heat into electricity and require less plutonium dioxide fuel than existing RTGs. NASA and DOE plan to flight test a key component of the new generator on a space shuttle mission. The test system will use electrical power to provide heat during the test. If development of this new generator is successful, it will be used on future missions. NASA is currently studying eight future space missions between 2000 and Future 2015 that will likely use nuclear-fueled electrical generators. These Nuclear-Powered missions are Europa Orbiter, Pluto Express, Solar Probe, Interstellar Probe, Europa Lander, Io Volcanic Observer, Titan Organic Explorer, and Space Missions NASA DOE Neptune Orbiter. On the basis of historical experience, and officials said that about one-half of...



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