

nuclear technology/Fusion

CONTENTS / JULY 1981—VOL. 1, NO. 3

299 Comments / *George Miley*

TECHNICAL PAPERS

OVERVIEW

302 An Overview of Inertial Fusion Reactor Design / *M. J. Monsler, J. Hovingh, D. L. Cook, T. G. Frank, G. A. Moses*

359 Technology Requirements for Commercial Applications of Inertial Confinement Fusion / *T. G. Frank, C. E. Rossi*

ICF

377 Cavity Gas Analysis for Light-Ion-Beam Fusion Reactors / *Robert R. Peterson, Gregory A. Moses, Gary W. Cooper*

390 Plasma Behavior in Magnetically Protected Inertial Confinement Fusion Reactor Cavities / *I. O. Bohachevsky, J. C. Goldstein, D. O. Dickman*

ADVANCED LASERS

402 Dynamics of the Nuclear and Electrically Pumped 1.45- μm Atomic Carbon Laser in Mixtures of Helium + CO and Helium + CO₂ / *M. A. Prelas, G. H. Miley*

DEPARTMENTS

295 Authors

300 Letters to the Editor

ON THIS COVER

This month's cover is taken from the overview paper by M. J. Monsler et al. and is a jet array cross section.