

Section 5

NATIONAL LASER USERS FACILITY NEWS

In the last quarter further users have been notified that their proposals have been funded by the Nevada office of DOE. These include: G. Dahlbacka (Physics International); B. Yaakobi (University of Rochester) with A. Burek (National Bureau of Standards); and G. Miley (University of Illinois). A preliminary shot, using the GDL laser system, was obtained for Larry Knight of Brigham Young University. A synthetic multilayer crystal was used to diffract x-rays from an irradiated target. A good quality spectrum was observed in the region of 1 KeV.

New proposals for user experiments have been received from H. Epstein (Battelle Memorial Institute), R. Lysiak (Texas Christian University), and D. Hon (Hughes Research Laboratories). A booth advertising the NLUF was displayed at the November meeting of the Plasma Physics Division of the American Physical Society in San Diego. This attracted attention and led to useful discussions with potential users.

Due to re-assignment of responsibilities at the Laboratory for Laser Energetics, Dr. Thomas Bristow has become the manager of the National Laser Users Facility, effective February 1, 1981. He reports to the Acting Director of LLE, Dr. Jay Eastman. Proposals and inquiries should be sent to Dr. Bristow. He can be contacted at (716) 275-2074 or FTS 430-2074.