

Section 4

NATIONAL LASER USERS FACILITY NEWS

During the past quarter, the Department of Energy issued its first user contract to Professor Lawrence Knight of Brigham Young University, Provo, Utah. Professor Knight will be testing novel optics for use in the x-ray region, including the use of synthetic crystals in an x-ray spectrometer. Drawings of the apparatus that Professor Knight will use were received at LLE in late August for verification that the experiment is compatible with its proposed location on the OMEGA target chamber. The experiment is scheduled for check-out shots in January, with further shots later in 1981.

In August, the Department of Energy issued a Notice of Program Interest stating its interest in receiving unsolicited proposals for experiments that could be performed at the National Laser Users Facility. The notice contains the details of information that should be included in the proposal. Copies of the notice can be obtained from Dr. Jack Wilson at the Laboratory for Laser Energetics, or from Mr. Rex Purcell, D.O.E. Nevada Operations Office P.O. Box 14100, Las Vegas, Nevada, 89114. Proposals should be sent to Mr. Purcell.

In Volume 1 of LLE Review there was a brief description of a workshop held at LLE last November to explore possible experiments using very high power lasers in areas other than laser fusion. A complete report of that workshop has now been produced and is available from Dr. Jack Wilson.