

## Section 3

# NATIONAL LASER USERS FACILITY NEWS

During the second quarter of FY89 NLUF activity consisted of supporting future experiments on the GDL laser, the determination of the new deadlines for submission of FY90 proposals, a steering committee meeting, and notification of principal investigators. These activities should make it easier for current and future investigators to conduct their experiments smoothly. The changes to the proposal process will allow the Department of Energy San Francisco Office (DOE/SFO) to fund approved experiments at the beginning of the appropriate fiscal year.

**R. Whitlock** from NRL visited LLE to start planning for his experiment on GDL. This experiment will measure the effect of high-fluence x rays incident on a single crystal. The experiment is being done in collaboration with **J. Wark** and will use the GDL laser as the source of x rays. The x rays will be used to generate shock waves in the crystal and to probe the effect of these shock waves on the crystalline properties. This initial visit was meant to familiarize the visiting scientists with the GDL target chamber and operations. A final review of the experiment will be conducted when the planning is completed. The experiment will be scheduled for GDL time after the final review.

On 17 February 1989, **J. Krupa** and **E. Schalin** from DOE/SFO visited LLE. The NLUF proposal process was discussed and a preliminary schedule for the proposal process was completed. The

current deadline for submission of FY90 proposals to DOE/SFO will be 31 May 1989. The proposals will be sent to LLE for review by the NLUF Steering Committee. The recommendations of the steering committee will be sent to DOE. They will then notify the principal investigators who submitted proposals as to the results of the selection process. Thus, many of the administrative functions will shift to DOE allowing the LLE office to concentrate on the technical aspects of the NLUF program. This should provide better support for both administrative and technical problems encountered by scientists doing experiments at LLE. DOE/SFO will handle the announcements and call for NLUF proposals.

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