

Laser Eye Injury

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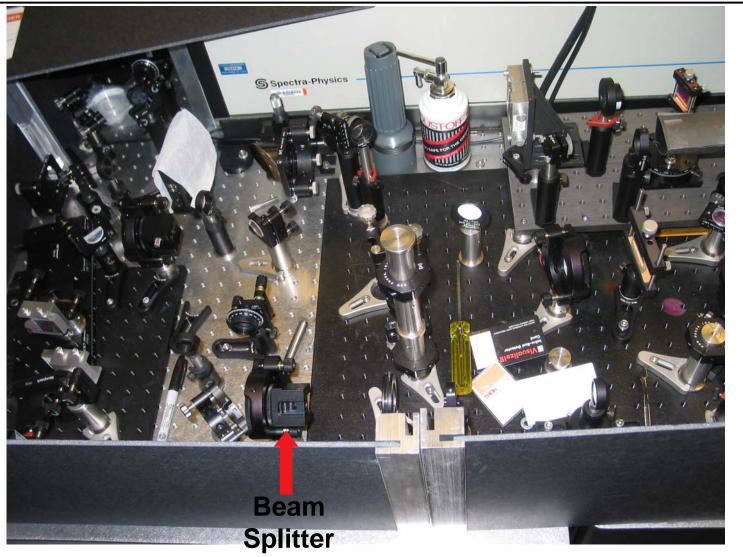
Laser Eye Injury

- Late Friday afternoon
- Alignment of optics table using Class 2 Laser completed
- PI decided to fine tune the alignment using Class 4 laser at reduced power
- Following minor adjustment of beam splitter, the splitter's secondary beam stuck the PI's left eye





Laser Optics Table









Laser Dramatization







ANL Laser Safety Program

- Experiment Safety Review to identify and control all hazards in a laboratory
- Laser Safety Inspection to review laser control areas to identify hazards and control measures
- Division Safety Inspections to assure work is performed within controls
- Laser Control Area Supervisor to assure work is planned and performed within controls





- The hazard of the splitter's ability to produce a secondary beam was not identified
- The hazard of the splitter's secondary beam was not controlled
- The PI was not wearing adequate eye protection





Laser Safety Glasses – Side View







Laser Safety Glasses – Top View

