

LAWRENCE LIVERMORE NATIONAL LABORATORY NATIONAL IGNITION FACILITY LIVERMORE, CALIFORNIA

This \$260 million, 7-acre National Ignition Facility “NIF” was completed on schedule and within its allocated budget. NIF is 704 feet long, 403 feet wide and 85 feet tall, approximately the size of a football stadium, and consists of three connected buildings. There was approximately 73,000 cubic yards of concrete poured, 12,700 tons of structural steel and rebar and 210,000 cubic yards of earth that was moved on this monumental project. Consolidated Engineering Laboratories performed all required materials testing and special inspection services for the National Ignition Facility.

Client: Sverdrup Facilities
Paul Abdallah – (510) 422-3982

Architect: Nielson Dillingham – (925) 847-7142

General Contractor: Nielson Dillingham – (925) 847-7142
(Switchyards, Target Bay, Diagnostics Bldg. and Optics Assembly Bldg.)

General Contractor: Hensel Phelps – (408) 452-1800
(Laser Bldg., Laser Bay Monolithic Mat Slabs and Central Plant)

Duration: 1999 – 2001

Construction Costs: \$260 Million

CEL Fees: \$1 Million

