THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
MEETING AS A COMMITTEE OF THE WHOLE

June 15, 2006

The Regents of the University of California met on the above date at Hertz Hall, Lawrence Livermore National Laboratory.

Members present: Regents Juline, Parsky, Rominger, and Ruiz

In attendance: Regent-designate Ledesma, Faculty Representative Oakley, Associate Secretary Shaw, General Counsel Holst, Senior Vice President Darling, Vice President Foley, and Interim Laboratory Director Miller

The meeting convened at 8:30 a.m. with Chairman Parsky presiding. It was noted that the public comment period would take place in the context of the Regents' visit to the Laboratory, rather than as a formal meeting of the Board, and as such a quorum of The Regents was not required.

1. **PUBLIC COMMENT**

Chairman Parsky explained that the Board had been convened as a Committee of the Whole in order to permit members of the public an opportunity to address University-related matters. The following persons addressed concerning the topics noted:

A. The Honorable Marshall Kamena, Mayor of the City of Livermore, emphasized the scientific and cultural benefits that the Laboratory brings to the community.

B. Ms. Linda Barton, Livermore City Manager, stated that the City has an exceptional partnership with the Laboratory and that they work collaboratively on issues such as housing and transportation.

C. Ms. Kelly Bowers, Director of Curriculum for the Livermore School District, reported that she was indebted to the laboratory particularly for its partnerships with local schools in an effort to enhance science education.

D. Ms. Tara Dorabji, representing Tri-Valley Cares, expressed the groups concerns about the use of plutonium and its storage.

E. Ms. Marylia Kelley, representing Tri-Valley Cares, presented a list of concerns with respect to the Department of Energy's decision to use plutonium in the National Ignition Facility.

2. **LABORATORY OVERVIEW**

Acting Laboratory Director Miller commented that the Lawrence Livermore National Laboratory is a multi-disciplinary national security laboratory that addresses three main concerns: nuclear deterrence, threat reduction, and energy security and human health. The Laboratory's character, which is derived from its founders, Edward Teller and E.O. Lawrence, continues to embody the University's culture of public service, research, and education. He listed some of the Laboratory's achievements:

- Having created most of the modern advances in nuclear weapons, the Laboratory continues to develop innovations in support of the Stockpile Stewardship Program in order to maintain confidence in the nuclear deterrent without nuclear testing.

- When the Department of Homeland Security was formed, the Laboratory was singled out as a key participant, as it was already prepared to respond to security threats. Its mission to anticipate the nation's needs and respond with innovative products has resulted in the development of technologies such as nuclear, pathogen, and fissile material detection equipment that is deployed at national events, airports, and shipping ports.

- The success of its Blue Gene architecture is creating a revolution in high-performance computing.

- The National Ignition Facility will allow the Laboratory to move further from nuclear testing in assuring stockpile security.

- The Laboratory is designing and fabricating nanostructures that are commensurate with the size of bacteria, viruses, and molecules, which has resulted in the development of applications for desalination systems, artificial membranes, and controlled drug release nanotubes.

- The Laser Guide Star is being developed for the next generation telescope.

- The Laboratory, in collaboration with Los Alamos National Laboratory, started the Human Genome Project. It continues to make advances in biology and the identification of DNA elements.

- The Laboratory was a major contributor to NASA's activity to recover primeval matter from outer space.

- The Laboratory has the highest licensing income of the national laboratories.

- Education outreach to schools is an important part of Laboratory culture involving thousands of local students.

- The University has long been essential to the scientific and technical strength of the Laboratory's workforce and its access to cutting-edge science and technology.

Acting Laboratory Director Miller concluded his remarks with the observation that Lawrence Livermore National Laboratory has a bright future but that the University's stewardship is critical to maintaining its culture and values.

3. **DEPARTMENT OF ENERGY/NATIONAL NUCLEAR SECURITY ADMINISTRATION LIVERMORE SITE MANAGER**

Camille Yuan-Soo Hoo, Manager of the Livermore Site Office of the National Nuclear Security Administration (NNSA), reported that her office is one of eight site offices and has 100 full-time employees. The mission of the Site Office is to administer the contract for Laboratory activities, acting as the risk acceptance agent for the NNSA. That mission includes ensuring the safe, secure, and environmentally responsible operation of facilities under the purview of the NNSA; overseeing and evaluating the work and business systems of the contractor; overseeing, managing, and executing assigned NNSA and no-NNSA programs; and planning for the long-term viability of the site. She reported that the Laboratory has performed in an exceptional manner with respect to science and technology and continues to work to improve in the area of safety.

Following presentations and between poster sessions on NASA's Stardust mission, energy efficiency and environmental safety developments, genome research, and biodefense, the group toured the National Ignition Facility and the Terascale Simulation Facility.

The meeting adjourned at 4:30 p.m.

Attest:

Associate Secretary