

107TH CONGRESS
2D SESSION

S. CON. RES. 141

Congratulating the Lawrence Livermore National Laboratory, its staff, and former employees, on the occasion of the 50th anniversary of the founding of the Laboratory, for its outstanding contributions to national security and science in service to our Nation.

IN THE SENATE OF THE UNITED STATES

SEPTEMBER 18, 2002

Mrs. FEINSTEIN (for herself and Mrs. BOXER) submitted the following concurrent resolution; which was referred to the Committee on the Judiciary

CONCURRENT RESOLUTION

Congratulating the Lawrence Livermore National Laboratory, its staff, and former employees, on the occasion of the 50th anniversary of the founding of the Laboratory, for its outstanding contributions to national security and science in service to our Nation.

Whereas the Lawrence Livermore National Laboratory was established in 1952 as part of the University of California Radiation Laboratory to augment the efforts of the Los Alamos National Laboratory to meet an urgent national security need and has since made important advances in nuclear weapons science and technology to keep the Nation at peace and secure;

Whereas advances by the Laboratory in nuclear weapons technology strengthened the ability of NATO to deter ag-

gression in Europe during the Cold War and have ensured the continuing safety, security, and reliability of our Nation's nuclear weapons stockpile in the absence of nuclear testing;

Whereas the Laboratory has provided technical support to arms control negotiations and treaty implementation, including negotiations and treaties to reduce the size of nuclear arsenals, prevent the proliferation of nuclear weapons and technologies, and limit nuclear weapons testing;

Whereas the Laboratory has greatly contributed to efforts of the United States intelligence community to understand nuclear-weapons related activities worldwide, as well as to respond to nuclear emergencies through its participation in the Nuclear Emergency Search Team, its development of the National Atmospheric Release Advisory Center, and its other emergency response capabilities, which are now contributing to the war against terrorism;

Whereas Laboratory researchers have made many scientific advances, including work that won a Nobel Prize for Physics in 1998 and numerous advances in astrophysics, such as contributions to understanding supernovas, high resolution mapping of the moon, the search for dark matter in the universe, and the development of advanced technologies to improve the performance of terrestrially-based telescopes;

Whereas technology development of the Laboratory has broadly contributed to the Nation's technical prowess and the competitiveness of United States industry, as evidenced by the winning of 85 prestigious R&D 100 awards, the most by any institution, as well as by very effective long-term partnerships with the computer industry and laser and electro-optics industries;

Whereas the Laboratory has contributed to the development of technologies that offer the promise of providing energy security in the long term, including technology development for coal gasification, significant advances in fusion energy science, and international leadership in inertial confinement fusion research, and construction of large inertial confinement fusion lasers including ongoing work on the National Ignition Facility;

Whereas the Laboratory has developed novel environmental restoration technologies that are being used to rapidly clean up groundwater contamination at Superfund sites and is at the forefront of the development of simulation capabilities to better understand the Earth's climate and how it may change;

Whereas technologies developed at the Laboratory contributed to the Department of Energy's decision to launch its Human Genome Initiative in 1987, which evolved into the international Human Genome Project, the Laboratory participated in the project by mapping and sequencing chromosome 16, and continuing genetics work at the Laboratory is leading to the identification of the source of genetic diseases and to the development of improved detectors of biological agents;

Whereas the Laboratory is a valuable part of the University of California, working cooperatively with its many campuses to further higher education, contributing broadly to elementary and secondary educational efforts throughout Northern California and educational outreach directed at minority groups nationwide; and

Whereas the Laboratory has been a national resource for science and technology for 50 years dedicated to serve our Nation: Now, therefore, be it

1 *Resolved by the Senate (the House of Representatives*
2 *concurring)*, That Congress, on the occasion of the 50th
3 anniversary of the founding of the Lawrence Livermore
4 National Laboratory, congratulates the Laboratory, its
5 staff, and former employees for its dedicated service to
6 our Nation, with its outstanding contributions to national
7 security, its tradition of scientific and technical excellence,
8 and its continuing efforts to make the world more secure
9 and a better place to live.

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