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DOMENICI LAUDS LANL-IBM COOPERATION
ON ROADRUNNER SUPERCOMPUTER

WASHINGTON - U.S. Senator Pete Domenici today praised American innovation as he recognized Los Alamos National Laboratory (LANL) and IBM's contributions to the milestone Roadrunner supercomputer.

Domenici introduced a Senate resolution commending LANL and IBM's cooperation on the project, underscoring the Roadrunner's significance as the world's fastest computer that include recently breaking the "petaflop" computing barrier-or a million, billion calculations per second-in maintaining the country's nuclear deterrent. The resolution was cosponsored by Sen. Jeff Bingaman (D-N.M.).

"The Roadrunner is the fastest computer in the world. We can be very proud of this achievement for American science and technology because it highlights the essential role our national labs play in advancing the state of the art for high performance computing which is vital to our national security and scientific leadership," said **Domenici**, who is ranking member of the Senate Energy and Water Appropriations Subcommittee.

"The Roadrunner supercomputer is the latest in a long line of cutting-edge scientific discoveries out of Los Alamos National Laboratory. I applaud LANL employees for this latest groundbreaking achievement and know that Roadrunner will be put to good use helping protect our country," **Bingaman** said.

The Roadrunner system passed the unprecedented 1.1 petaflop mark in May when LANL and IBM ran a standard calculation to validate the supercomputer's peak and sustained calculation.

As then chairman of the Energy and Water Appropriations Subcommittee, Domenici provided \$35 million to jumpstart the Roadrunner project in FY2006, in addition to \$6.0 million from the National Nuclear Security Administration (NNSA). He secured an additional \$59.2 million total in FY2007 and FY2008. At Domenici's request, the Senate Appropriations Committee approved \$26 million for the project as part of the FY2009 Energy and Water Appropriations Bill.

The Roadrunner project is part of Domenici's long-standing commitment to promoting the collaboration of high performance computing at the national labs. In FY2008, he directed the NNSA and DOE Office of Science to establish Advanced Architecture and Algorithms with Centers of Excellence at Sandia and Oak Ridge to help maintain U.S. competitiveness in high performance computing.