September 11, 2001, terrorist attacks an opportunity to adjust their status to that of an alien lawfully admitted for permanent residence, and for other purposes.

At the request of Mr. AKAKA, the name of the Senator from Maryland (Ms. MIKULSKI) was added as a cosponsor of S. 1779, a bill to amend the Humane Methods of Livestock Slaughter Act of 1958 to ensure the humane slaughter of nonambulatory livestock, and for other purposes.

At the request of Mrs. FEINSTEIN, the names of the Senator from Massachusetts (Mr. KERRY), the Senator from Iowa (Mr. HARKIN) and the Senator from Maine (Ms. COLLINS) were added as cosponsors of S. 1881, a bill to require the Secretary of the Treasury to mint coins in commemoration of the Old Mint at San Francisco otherwise known as the “Granite Lady”, and for other purposes.

At the request of Mr. HATCH, the name of the Senator from Georgia (Mr. CHAMBLISS) was added as a cosponsor of S. 2010, a bill to amend the Social Security Act to enhance the Social Security of the Nation by ensuring adequate public-private infrastructure and to resolve to prevent, detect, treat, intervene in, and prosecute elder abuse, neglect, and exploitation, and for other purposes.

At the request of Mr. SMITH, the name of the Senator from Missouri (Mr. TALENT) was added as a cosponsor of S. 2019, a bill to provide for a research program for remediation of closed methamphetamine production laboratories, and for other purposes.

At the request of Mr. SUNUNU, the names of the Senator from Hawaii (Mr. INOuye), the Senator from New Jersey (Mr. BOXER) and the Senator from Delaware (Mr. BIDEN) were added as cosponsors of S. 2082, a bill to amend the USA PATRIOT Act to extend the sunset of certain provisions of that Act and the lone wolf provision of the Intelligence Reform and Terrorism Pre-vention Act of 2004 to March 31, 2006.

At the request of Mr. NELSON of Florida, his name was added as a cosponsor of S. 2082, supra.

At the request of Mr. SARBANES, his name was added as a cosponsor of S. 2082, supra.

At the request of Ms. CANTWELL, her name was added as a cosponsor of S. 2082, supra.

At the request of Mrs. LINCOLN, her name was added as a cosponsor of S. 2082, supra.

At the request of Mr. BIDEN, the name of the Senator from Maryland (Mr. SARBANES) was added as a cosponsor of S. 2085, a bill to ensure payment of United States assessments for United Nations peacekeeping operations in 2005 and 2006.

At the request of Mr. ENISN, the names of the Senator from Michigan (Ms. STABENOW) and the Senator from South Dakota (Mr. JOHNSON) were added as cosponsors of S. 2109, a bill to provide national innovation initiative.

STATIONS ON INTRODUCED BILLS AND JOINT RESOLUTIONS

By Mr. FRIST:

S. 2143. A bill to increase the number of students from low-income backgrounds who are enrolled in studies leading to baccalaureate degrees in science, mathematics, technology, engineering, and critical foreign languages, and for other purposes.

S. 2143. Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE. This Act may be cited as the “National Science and Mathematics Access to Retain Talent Act.”

SEC. 2. NATIONAL SMART GRANTS. Subpart 1 of part A of title IV of the Higher Education Act of 1965 (20 U.S.C. 1070a) is amended by adding after section 401 the following:

SEC. 401A. NATIONAL SMART GRANTS. (a) PURPOSE.—The purpose of this section is to increase the number of postsecondary students from low-income backgrounds who are enrolled in studies leading to baccalaureate degrees in physical, life, and computer sciences, mathematics, technology, engineering, and foreign languages critical to national security.

(b) PROGRAM AUTHORIZED.—The Secretary shall award grants, in the amount specified in subsection (e), to eligible students to assist the eligible students in paying their college education expenses.

(c) DESIGNATION.—A grant under this section shall be known as a ‘National Science and Mathematics Access to Retain Talent Grant’ or a ‘SMART Grant’.

(d) DEFINITION OF ELIGIBLE STUDENT.—In this section, the term ‘eligible student’ means a full-time student who, for the academic year of a program of undergraduate education at a 4-year degree-granting institution of higher education;

(1) is a citizen of the United States;

(2) is eligible for a Federal Pell Grant;

(3) is enrolled, or enrolled in the third or fourth academic year of a program of undergraduate education at a 4-year degree-granting institution of higher education;

(4) is pursuing a major in—

(A) the physical, life, or computer sciences, mathematics, technology, or engineering (as determined by the Secretary pursuant to regulations); or

(B) a foreign language that the Secretary, in consultation with the Director of National Intelligence, determines is critical to the national security of the United States; and

(5) has obtained a cumulative grade point average of at least 3.0 (or the equivalent as determined under regulations prescribed by the Secretary) in the coursework required for the major described in paragraph (4).

(e) GRANT AWARD.—

(1) AMOUNTS.—Subject to paragraphs (2) and (3), the Secretary shall award a grant under this section to an eligible student in the amount of $4,000.

(2) SPECIAL RULES.—Notwithstanding paragraph (1)—

(A) the amount made available under subsection (f) for any fiscal year is less than the amount required to provide grants to all eligible students in the amounts determined under paragraph (1) (subject to subparagraph (A)), then the amount of the grant to each eligible student shall be ratably reduced; and

(B) if additional amounts are appropriated for a fiscal year described in subparagraph (B), such reduced grant amounts shall be increased on the same basis as they were reduced.

(3) LIMITATIONS.—The Secretary shall not award a grant under this section—

(A) to any eligible student for an academic year of a program of undergraduate education for which the student received credit before the date of enactment of the National Science and Mathematics Access to Retain Talent Act; or

(B) to any eligible student for more than 2 academic years.

(f) FUNDING.—(1) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this section such sums as may be necessary for fiscal year 2006 and each of the succeeding 4 fiscal years.

(g) USE OF EXCESS FUNDS.—If, at the end of a fiscal year, the funds available for awarding grants under this section exceed the amount necessary to make grants in the amounts authorized by subsection (e), then all of the excess funds shall remain available for awarding grants under this section during the subsequent fiscal year.

(h) SUNSET PROVISION.—The authority to make grants under this section shall expire at the end of the academic year 2009–2010.”.

By Ms. COLLINS (for herself, Mr. LIEBERMAN, Mr. COLEMAN, Mr. CARPER, and Mr. LEVIN):

S. 2145. A bill to enhance security and protect against terrorist attacks at chemical facilities; to the Committee on Homeland Security and Governmental Affairs.

Ms. COLLINS. Mr. President, I rise today, along with my good friend and colleague, Senator JOE LIEBERMAN, to introduce the Chemical Facility Anti-terrorism Act of 2005.

This legislation addresses one of the Nation’s greatest vulnerabilities, the threat of a terrorist attack against a chemical facility.

My legislation would provide broad new authority to the Department of Homeland Security to ensure that the Nation’s chemical facilities are better protected from terrorism.

This legislation would direct the Department of Homeland Security to establish criteria for evaluating the vulnerability of our Nation’s chemical facilities to terrorist attack and to establish risk-based tiers for those facilities deemed in need of protection.
The chemical industry is keen interest in the American chemical facilities for useful productive chemicals to kill, if released accidentally or intentionally. For example, the tragic accident at Bhopal, India, in 1984, to the numerous and more recent releases of hazardous chemicals in this country, we were reminded by expert after expert of the potential for useful productive chemicals to kill, if released accidentally or intentionally.

We also know that al-Qaeda has a keen interest in the American chemical industry. Indeed, at our first hearing, Steven Flynn of the Council on Foreign Relations testified that the chemical industry is “at the top of the list” of al-Qaeda and other terrorist groups. The chemical industry, said Commander Flynn, absolutely screams at you as essentially a weapon of mass destruction.

We do not wait until there is an attack on a chemical facility and then act after the fact. So often our security measures and our emergency legislation is passed after something horrible has already occurred and after lives have already been lost. Let us get ahead of this curve. Let us act now to address what witness after witness identified as being one of the greatest threats to our homeland.

The stakes are high and the vulnerability is widespread. The Environmental Protection Agency has cataloged some 15,000 facilities in the United States that manufacture, use, or store large quantities of hazardous chemicals for productive, legitimate purposes. These facilities that could cause extensive harm if turned against us as weapons. And we have seen al-Qaeda do this before. We have seen al-Qaeda use commercial aircraft as weapons of mass destruction.

The Department of Homeland Security has identified 3,400 facilities that could affect more than 1,000 people if attacked.

According to the Government Accountability Office, tens of millions of Americans live close enough to chemical facilities to be at risk in the event of a terrorist attack. Yet despite this profound threat, only a fraction of our Nation’s chemical facilities are regulated for security by the Federal Government under the Maritime Transportation Security Act of 2002, or subscribe to volunteer security standards.

While I applaud those companies that have taken the necessary precautions, an unacceptable number have not. Moreover, given the severity of the threat, I believe it is a mistake in this case to rely on voluntary measures alone. The overwhelming majority of experts at our hearing testified that additional statutory authority is needed to effectively address the threat of terrorism against a chemical facility.

Leading security experts, chemical safety professionals, industry representatives, legislators, environmentalists, and the administration, all have testified that Federal legislation in this area is necessary, although obviously they differ considerably on the details.

The legislation I am introducing today provides that critical authority. While establishing the need for Federal legislation, our hearings stressed the importance of getting this right, of striking the right balance.

Chemical shipments in the United States approach $5 trillion annually. The chemical industry represents our largest export sector, totaling $91.4 billion in 2003. More than 900,000 people work directly in the chemical industry with millions more in supplier and indirect jobs.

Chemicals are critical to our food and our water supply, our pharmaceuticals, our electronics, our clothes; in fact, just about everything.

A consistent theme that sounded throughout our hearing was that we cannot count on the chemical sector out of this country in the name of security. And that is why we spent so much time in carefully crafting a bill that strikes the right balance.

Our hearings established a considerable consensus around two important concepts: First, that the legislation should be risk based. Our chemical industry is extremely diverse and any legislation must take into account that diversity. A small plant using the chemical for a run of the mill application faces very different risks than a major chemical manufacturing plant in the New York City area, and its security response should be structured appropriately. Security measures should be tailored to reflect their risk profile. Second, the legislation should be performance based. What do I mean by that? By that I mean our focus should be on having the Department establish the standards, the results, rather than prescribing exactly how a corporation should act to meet those standards, those results. Facilities should determine how best to respond to it. Our investigation included four hearings on this topic earlier this year.

The Homeland Security Committee has invested substantial effort in examining this threat and in deciding how best to respond to it. Our investigation included four hearings on this topic earlier this year.

From the horrifying chemical attacks of the First World War, and the tragic accident at Bhopal, India, in 1984, to the numerous and more recent releases of hazardous chemicals in this country, we were reminded by expert after expert of the potential for useful productive chemicals to kill, if released accidentally or intentionally.

The Department of Homeland Security has identified 3,400 facilities that could affect more than 1,000 people if attacked.
vulnerabilities from the use of hazardous chemicals.

The site security plan would address the identified vulnerabilities and meet the performance standards set by the Department. The site security plan would also have to include how the facility is coordinating with Federal, State, and local officials for response to a terrorist attack. The facilities would be required to drill their security plans and emergency response plans. Covered facilities would have to meet, those standards require; however, that the Secretary believes are not adequately addressed the terrorist attack at the highest risk facilities, the Secretary could order an immediate closure. For the other lower risk facilities, the Department could order closure but only after a process of written notification, consultation, and further time for compliance.

Now, I recognize this shutdown authority concentrates considerable power into the Secretary’s hands, but the dire consequences of a terrorist attack at the highest risk facilities, the Secretary could order an immediate closure. For the other lower risk facilities, the Department could order closure but only after a process of written notification, consultation, and further time for compliance.

It was only after very careful consideration that I decided to include this power in my bill. I note that the Maritime Transportation Security Act provides similar authority to the Coast Guard. Admiral Bone testified since 2004 the Coast Guard has used this authority to shut down 32 facilities, three of which were chemical facilities. He testified it was imperative the Department of Homeland Security be given that closure authority.

Before closing, I will comment on a couple very important and controversial issues. One is the issue of inherently safer technology which is often referred to as IST. My bill allows chemical facilities to choose whatever security measures best meet the performance standards required by the Department. IST is one of the recognized means of meeting a performance standard. In addition, my legislation requires the vulnerability assessment include an analysis of security measures, including vulnerabilities arising from the use, handling, and storage of dangerous chemicals. However, I make clear our legislation does not mandate IST. Not only would doing so be at odds with the performance-based approach we have endorsed in this bill, I also do not believe it is appropriate for a bill on security to dictate specific industrial processes. Such uses are outside the scope of the legislation, beyond the jurisdiction of this committee, and are the only way to address security issues.

I fully expect some facilities will adopt inherently safer technologies. I certainly encourage them to do so if that is the best means for them. However, that should not change precedent. This legislation does not tell facilities how high to build their fences or what chemicals to use or how they may use them. It is the result that matters. I believe this bill will result in significantly enhanced security for the chemical sector. This is a Homeland Security bill. It is not an environmental regulation.

In summary, this legislation requires chemical facilities to conduct vulnerability assessments, create and implement security plans, establish emergency response plans, and to submit these plans to the Department of Homeland Security for approval or disapproval. It gives the Department broad authority to ensure that chemical facilities are addressing the risks of terrorist attacks and giving the Department the authority it needs. The legislation is risk based and performance based, and I am confident it will provide one chance that will ensure stronger and more consistent security at our chemical facilities.

Before closing, I once again thank my lead cosponsor and the ranking member of the Homeland Security Committee, Senator LIEBERMAN. We have worked very hard with the members of our committee, including the Presiding Officer, all year long to explore this through a number of hearings, and we have engaged in many months of negotiation. I also thank our cosponsors, Senator COLEMAN, Senator CARPER, and Senator LEVIN, for their hard work on this bill. I look forward to adding additional cosponsors and working with the committee to move this vital legislation forward.

Thank you, Mr. President. Mr. LIEBERMAN. Mr. President, I am pleased to join my colleague, Senator LIEBERMAN, in introducing the Chemical Facility Anti-Terrorism Act of 2005. I am also delighted that Senators COLEMAN, LEVIN, and CARPER will be joining us on this bill.

This bill is the product of extensive work in the Homeland Security and Governmental Affairs Committee to explore the risks of a possible terrorist attack on our chemical facilities, as well as the best means to guard against those risks.

Since 9/11 opened our eyes to the threat of chemical weapons in the United States. I likened the Nation’s 15,000 chemical facilities to “15,000 weapons of mass destruction littered around the United States.” Fortunately, the responsible players in the chemical industry have not waited for Federal legislation, and some of the leading trade groups have begun their own security programs or participated in some voluntary efforts led by DHS. Some chemical facilities are also subject to security regulation under the Maritime Transportation Security Act or the Bioterrorism Act of 2002. Yet these programs do not reach the full range of security matters addressed by the committee’s hearings and in this legislation. More significant, far too many facilities that use extremely hazardous chemicals remain entirely outside the patchwork of laws, regulations, and self-protection now in place.

For several years, legislation to require security enhancements at these chemical sites has languished in Congress, bereft of true administration support or Congressional consensus. We are past that. I am hopeful that today marks a turning point that will culminate in successful passage of a robust chemical security bill.

First, the Homeland Security and Governmental Affairs Committee has worked on a bipartisan basis to build a foundation for this effort: through four hearings that explored the issues and possible solutions regarding chemical site security and through collaboration on this legislation that has already won strong bipartisan support on our Committee.

Second, DHS has now clearly stated—in testimony to our committee—that the current voluntary efforts are
Third, responsible segments of the chemical industry—such as the American Chemistry Council—have recognized the need for a comprehensive national program to ensure adequate security across the entire chemical sector and called for Federal legislation. I welcome this engagement by industry and believe we can work together with them, as well as the administration, and reformed about security, to forge an effective national program.

This legislation is a forceful but pragmatic response to the challenge of chemical site security. It directs its greatest force and focus to those facilities that pose the highest risk in terms of potential loss of human life or other catastrophic results.

It authorizes the Department of Homeland Security to initiate a thoroughgoing program for thousands of critical chemical sites around the country.

The Secretary would identify which facilities pose a meaningful risk due to terrorism concerns, and then require them to conduct an vulnerability assessment and prepare a security plan and emergency response plan to address the results of this vulnerability analysis.

Facilities within the program would submit these assessments and plans to DHS for review and approval. DHS would then work with the facilities to ensure the plans, and implementation, are adequate. Under a tiered system of requirements, those facilities that pose the greatest risk would face the most stringent security requirements as well as a speedier and more rigorous DHS review. The bill includes civil and criminal penalties for noncompliance and, ultimately, facilities may be ordered to shut down if they do not comply with DHS orders.

This legislation recognizes that facilities will need flexibility to achieve security in the most efficient and effective manner. The bill also recognizes the work of the responsible chemical companies within the chemical sector and does not force those facilities to reinvent the wheel. Instead, the bill ensures that so long as an alternative security program’s assessments and plans meet the bill’s core requirements for vulnerability assessments and site security plans, facilities operating under those alternative security programs can submit these assessments and plans under the DHS program. However, if the assessments and plans do not meet the bill’s core requirements, the Secretary will require appropriate modifications. Finally, the Secretary will judge all assessments and plans against the regulations promulgated under this bill.

This legislation also recognizes that sometimes the best security will come from adding guards and gates but from reexamining the way chemical operations are carried out in order to reduce the amount of hazardous substances on site, improve the way they are stored or processed or find safer substitutes for the chemicals themselves. These changes serve to make a facility less inviting as a target for terrorism, as well as minimize the loss of life or other damage if an attack does take place. They also have the added benefit of limiting the harm from an accidental release. This bill clearly requires facilities to look at the risks and consequences related to the dangerous chemicals on site and address those specific vulnerabilities in their security plan. And it includes these process changes among the menu of security measures that chemical facilities should examine when designing their security plans.

We know that many facilities, and many security experts, already look to these less dangerous technologies as a potent and cost-effective way to improve security against a possible terrorist attack. But we also know that, for some facilities, there can be reluctance or structural impediments to looking at these technological solutions. That is why I feel the bill must go further, and include more explicit requirements for chemical facilities to consider less dangerous technologies when they make the security enhancements required under this bill. In particular, the bill requires the Secretary to make a government safety and security enhancement the benefit of limiting the harm from an attack. But we also know that, for some facilities, there can be reluctance or structural impediments to looking at these technological solutions. That is why I feel the bill must go further, and include more explicit requirements for chemical facilities to consider less dangerous technologies when they make the security enhancements required under this bill. In particular, the bill requires the Secretary to make a government safety and security enhancement the benefit of limiting the harm from an attack. We had a powerful example of such an adjustment close by: after 9/11 focused our attention on potential targets in our midst, Washington DC’s water treatment facility ended the use of its potentially deadly liquid chlorine. This is not a case of criminality orenticity for the companies to conduct its operations off a Government-issued playbook. Companies would analyze for themselves whether there are less dangerous ways to conduct their business and would not be forced to implement any changes that were not feasible. But given the extraordinary risks involved, it makes little sense not to require companies to at least take a long hard look at some of the common sense solutions that have been adopted by others within the industry. Therefore, as this bill advances, I will seek to strengthen the requirements for facilities to carefully consider these safer technologies as a means to greater security.

The bill creates structure within DHS to oversee this regulatory program and a regional network to help implement its provisions, particularly to help ensure adequate emergency response capabilities in the event of an attack. Facilities will be encouraged to develop emergency response plans and disclose information necessary for public safety and public accountability. The bill does not affect chemical facilities’ obligations to make information available to the public under right-to-know laws or other regulatory programs, and it establishes a secure channel by which members of the public can submit information about potential problems regarding the security of chemical facilities.

This bill also recognizes that Congress is not the only body that can and should help ensure the safety and security of the Nation’s chemical facilities. States and localities have long regulated such facilities for various safety and environmental concerns. Since 9/11, some States have also moved to require security improvements at these facilities. These State and local protections are critical adjuncts to our effort at the Federal level, and I am pleased that this bill states clearly that it does not preempt State and local laws or regulations regarding the safety and security of chemical facilities. States and localities are free to enact more stringent chemical security legislation. Only if there is an absolute conflict, such that it is impossible for a facility to comply with both the Federal law and a State or local law or regulation on chemical security, would the Federal provision take precedence. The bill would not disrupt State and local safety and environmental law regarding chemical facilities. The bill does not dislodge or alter the operation of State common law with respect to such facilities.

**AUTHORITIES FOR COMMITTEES TO MEET**

COMMITTEE ON FINANCE

Mr. SESSIONS. Mr. President, I ask unanimous consent that the Committee on Finance be authorized to meet in open Executive Session during the session on Monday, December 19, 2005, immediately following the next vote, at the Senate Cochran Tray. The Presiding Officer, the President’s Room, S-216 of the Capitol, to consider favorably reporting the nomination of Vincent J. Ventimiglia, Jr., to be Assistant Secretary of Health and Human Services for Legislation, U.S. Department of Health and Human Services, Washington, DC.

The PRESIDING OFFICER. Without objection, it is so ordered.

**ORDERS FOR TUESDAY, DECEMBER 20, 2005**

Mr. GREGG. Mr. President, I ask unanimous consent that when the Senate completes its business today, it adjourn until 9:45 a.m. on Tuesday, December 20. I further ask that following the prayer and the pledge, the morning hour be deemed expired, the Journal of proceedings be approved to date, the time for the two leaders be reserved, the Senate then resume consideration