



Chemical Facility Security: Reauthorization, Policy Issues, and Options for Congress

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Summary

The statutory authority to regulate chemical facilities for security purposes, granted to the Department of Homeland Security (DHS) by the 109th Congress, expires in October 2009. The 111th Congress is taking action to reauthorize this program, but the manner of its reauthorization remains an issue of congressional deliberation and debate. The Obama Administration and some Members of Congress support an extension, either short- or long-term, of the existing authority. Other Members call for revision and more extensive codification of chemical facility security authorities. The tension between continuing and changing the current regulatory program and statutory authority is exacerbated by questions regarding program effectiveness in reducing chemical facility risk and the sufficiency of federal funding for chemical facility security.

The 109th Congress provided the Department of Homeland Security (DHS) with statutory authority to regulate chemical facilities for security purposes through the Homeland Security Appropriations Act, 2007 (P.L. 109-295, Section 550). The 110th Congress amended this statute through the Consolidated Appropriations Act, 2008 (P.L. 110-161), to specify that federal authority preempts state authority when state and local regulations have an “actual conflict.” The DHS issued an interim final rule (72 *Federal Register* 17688-17745) on chemical facility security in April 2007. The DHS is implementing these regulations.

Key policy issues debated in previous Congresses are likely to be considered during the reauthorization debate. These issues include what facilities should be considered as chemical facilities; the appropriateness and scope of federal preemption of state chemical facility security activities; the availability of information for public comment, potential litigation, and congressional oversight; and the role of inherently safer technologies.

Congress may take a variety of actions. Policymakers may choose to permanently or temporarily extend the expiring statutory authority to continue to observe the impact of the current regulations and, if necessary, address any perceived weaknesses at a later date. Congress might choose to codify the existing regulation in statute to reduce the discretion available to the Secretary of Homeland Security to change the current regulatory framework. Alternatively, Congress may decide to amend the statute to change the current regulation’s implementation, scope, or impact.

Members have introduced several bills in the 111th Congress to address chemical facility security. Both the Senate-passed and House-passed versions of the DHS appropriations bill (H.R. 2892) have language that would extend the existing statutory authority through October 4, 2010. Both appropriations bills provide additional chemical facility security funding relative to FY2009. H.R. 2477 would also extend the existing statutory authority, but until October 1, 2012.

Other legislation would alter the existing statutory authority. H.R. 2868 has been ordered reported from the House Committee on Homeland Security. Among other provisions, it would increase the types of facilities eligible for regulation; mandate, in certain cases, the use of measures to reduce the consequences of a terrorist attack; create a citizen suit process for requiring enforcement; and reduce the discretion of the Secretary by codifying components of the existing regulations. Another bill altering the existing authority, H.R. 261, has not been reported.

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Introduction

Facilities possessing certain amounts of hazardous chemicals have been the target of safety and security efforts since prior to September 11, 2001. The sudden release of hazardous chemicals from facilities storing large quantities might potentially harm large numbers of persons living or working near the facility. Congress has debated whether such facilities should be regulated for security purposes to reduce the risk that they pose. The 109th Congress passed legislation in 2006 providing the Department of Homeland Security (DHS) statutory authority to regulate chemical facilities for security purposes. This statutory authority expires in October 2009. Advocacy groups, stakeholders, and policymakers have called for congressional attention to reauthorization of this authority, though they disagree about the preferred option. Congress is faced with a decision to extend the existing authority, revise the existing authority to resolve contentious issues, or allow this authority to lapse.

This report provides a brief overview of the existing statutory authority and the regulation implementing this authority. It describes several policy issues raised in previous debates regarding chemical facility security. The report identifies policy options that might resolve components of these issues. Finally, legislation introduced in the 111th Congress is discussed.

Overview of Statute and Regulation

Congress provided statutory authority to DHS to regulate chemical facilities for security purposes. This statutory authority provided some explicit authorities to DHS and left other implementation aspects to the discretion of the Secretary of Homeland Security. The DHS issued an interim final rule drawing on both explicit statutory authorities and the implicit authorities granted to the Secretary's discretion.¹

Statute

The Homeland Security Appropriations Act, 2007 (P.L. 109-295), Section 550, directs the Secretary of Homeland Security to issue interim final regulations establishing risk-based performance standards for chemical facility security and requiring the development of vulnerability assessments and the development and implementation of site security plans. Furthermore, the regulations are to allow regulated entities to employ combinations of security measures to meet the risk-based performance standards.² The law specifies that these regulations

¹ An interim final rule is a rule which meets the requirements for a final rule and which has the same force and effect as a final rule, but which contains an invitation for further public comment on its provisions. After reviewing comments to the interim final rule, an agency may modify the interim final rule and issue a "final" final rule.

² According to the White House Office of Management and Budget, a performance standard is a standard that states requirements in terms of required results with criteria for verifying compliance but without stating the methods for achieving required results. A performance standard may define the functional requirements for the item, operational requirements, and/or interface and interchangeability characteristics. A performance standard may be viewed in juxtaposition to a prescriptive standard which may specify design requirements, such as materials to be used, how a requirement is to be achieved, or how an item is to be fabricated or constructed.

(continued...)

are to apply only to those chemical facilities that the Secretary determines present high levels of security risk. The statute exempts from the Secretary's authority facilities defined as a water system or wastewater treatment works; facilities owned or operated by the Department of Defense or Department of Energy; facilities regulated by the Nuclear Regulatory Commission; and those facilities regulated under the Maritime Transportation Security Act of 2002 (P.L. 107-295).

Under the law, the Secretary must review and approve the required assessment, plan, and implementation for each facility. The Secretary may approve vulnerability assessments and site security plans created through security programs not developed by DHS, so long as the results of these programs meet the risk-based performance standards established in regulation. The statute prohibits the Secretary from disapproving a site security plan on the basis of the presence or absence of a particular security measure, but the Secretary may disapprove a site security plan that does not meet the risk-based performance standards.

Information developed for these requirements is to be protected from public disclosure but may be shared, at the Secretary's discretion, with state and local government officials, including law enforcement officials and first responders possessing the necessary security clearances. Such shared information may not be publicly disclosed, regardless of state or local laws, and is exempt from the Freedom of Information Act (FOIA). Additionally, the information provided to the Secretary, along with related vulnerability information, is to be treated as classified information in all judicial and administrative proceedings. Violation of the information protection provision is punishable by fine.

The Secretary must audit and inspect chemical facilities and determine regulatory compliance. If the Secretary finds a facility not in compliance, the Secretary shall write to the facility explaining the deficiencies found, provide an opportunity for the facility to consult with the Secretary, and issue an order to the facility to comply by a specified date. If the facility continues to be out of compliance, the Secretary may fine and, eventually, order the facility to cease operation.

Only the Secretary may bring a lawsuit against a facility owner to enforce provisions of this law. The law does not affect any other federal law regulating chemicals in commerce. The statute contains a "sunset provision" and expires on October 4, 2009, three years from the date of enactment.

Section 550 was amended by the Consolidated Appropriations Act, 2008 (P.L. 110-161). This amendment clarifies a state's right to promulgate chemical facility security regulation that is at least as stringent as the federal chemical facility security regulation. Only in the case of an "actual conflict" between the federal and state regulation would the state regulation be preempted. The scope of an "actual conflict" was not further defined in the statute.

(...continued)

Office of Management and Budget, The White House, "Federal Participation in the Development and Use of Voluntary Consensus Standards and in Conformity Assessment Activities," *Circular A-119*, February 10, 1998. For example, a performance standard might require that a facility perimeter be secured, while a prescriptive standard might dictate the height and type of fence to be used to secure the perimeter.

Regulation

On April 9, 2007, the Department of Homeland Security issued an interim final rule regarding the Chemical Facility Anti-Terrorism Standards (CFATS). This interim final rule entered into force on June 8, 2007. The interim final rule implements both statutory authority explicit in P.L. 109-295, Section 550, and authorities DHS found to be implicitly granted. The DHS has described the statutory authority for regulation of chemical facility security as “compact.”³ According to DHS, “Each subsection and sentence of this provision has significant consequences for the structure and content of the regulatory program.”⁴ In promulgating the interim final rule, DHS interpreted the language of the statute to determine what it asserts was the intent of Congress when crafting the statutory authority. Consequently, much of the rule arises from the DHS Secretary’s discretion and interpretation of legislative intent and was not explicitly detailed by the law.

Under the interim final rule, the Secretary of Homeland Security will determine which chemical facilities must meet regulatory security requirements. The decision is to be based on the degree of risk posed by each facility. Chemical facilities with greater than specified quantities of potentially dangerous chemicals are required to submit information to DHS, so that DHS can determine the facility’s risk status. Approximately 300 chemicals are considered “chemicals of interest” for the purposes of compliance with CFATS. Each chemical is considered in the context of three threats: release, theft or diversion, and sabotage and contamination. High-risk facilities are then further categorized into four risk-based tiers. The DHS established different performance-based requirements for facilities assigned to each risk-based tier. Facilities in higher risk tiers must meet more stringent performance-based requirements.

All high-risk facilities must assess their vulnerabilities, develop an effective security plan, submit these documents to DHS, and implement their security plan. The vulnerability assessment serves two purposes under the interim final rule. One is to determine or confirm the placement of the facility in a risk-based tier. The other is to provide a baseline against which to compare the site security plan activities. The DHS requires the vulnerability assessment to include the following components: asset characterization, threat assessment, security vulnerability analysis, risk assessment, and countermeasures analysis.

The site security plans must address the vulnerability assessment by describing how activities in the plan correspond to securing facility vulnerabilities. Additionally, the site security plan must address preparations for and deterrents against specific modes of potential terrorist attack, as applicable and identified by DHS. The site security plans must also describe how the activities taken by the facility meet the risk-based performance standards provided by DHS.

Vulnerability assessments and site security plans developed through alternative security programs will be accepted so long as they meet the tiered, performance-based requirements of the interim final rule. The Secretary may disapprove submitted vulnerability assessments or site security plans that fail to meet DHS standards but not on the basis of the presence or absence of a specific measure. In the case of disapproval, DHS must identify in writing those areas of the assessment and plan that need improvement. Chemical facilities may appeal disapprovals to DHS.

³ 71 *Fed. Reg.* 78276-78332 (December 28, 2006) at 78280.

⁴ *Ibid.*

The information generated under this interim final rule, as well as any information developed for chemical facility security purposes that the Secretary determines needs to be protected, will be labeled “Chemical-terrorism Vulnerability Information” (CVI), a new category of security-related information. The DHS asserts sole discretion regarding who will be eligible to receive CVI.

The interim final rule states it will preempt state and local regulation that “conflicts with, hinders, poses an obstacle to or frustrates the purposes of” the federal regulation. States, localities, or affected companies may request a decision from DHS regarding potential conflict between the regulations. Since promulgation of the interim final rule, Congress has amended the DHS’s statutory authority for chemical facility security to state that such preemption will occur only in the case of an “actual conflict.” The DHS has not issued revised regulations addressing this change in statute.

The interim final rule establishes penalties for lack of compliance and for the disclosure of CVI information. If a facility remains out of compliance with this interim final rule, DHS may order it to cease operations after other penalties, such as fines, have been levied. The interim final rule establishes the process by which chemical facilities can appeal DHS decisions and rulings.

Implementation

The DHS statutory authority to regulate chemical facilities for security purposes is executed through the National Protection and Programs Directorate (NPPD). The NPPD attempts to generally reduce the risks to the homeland and has various offices addressing both physical and virtual threats. The Office of Infrastructure Protection oversees the CFATS program. Within the Office of Infrastructure Protection, the Infrastructure Security Compliance Project describes the funding and personnel efforts allocated for implementing the CFATS regulations. As seen in **Table 1**, requested and appropriated funding for this program has annually increased since its creation. Additionally, full-time equivalent staffing for this program has also increased. This increase in staffing reflects, in part, the development of a cadre of CFATS inspectors.

Table I. DHS Funding for Chemical Facility Security Regulation by Fiscal Year
(in millions)

Fiscal Year	Request	Appropriation	Full-time Equivalents
FY2007	\$10	\$22 ^a	0
FY2008	25	50	21
FY2009	63	73 ^b	78
FY2010	55 ^c	— ^d	246 ^e

Source: Department of Homeland Security, Preparedness Directorate, Infrastructure Protection and Information Security, *FY2007 Congressional Justification*; Department of Homeland Security, National Protection and Programs Directorate, Infrastructure Protection and Information Security, *Fiscal Year 2008 Congressional Justification*; Department of Homeland Security, National Protection and Programs Directorate, Infrastructure Protection and Information Security, *Fiscal Year 2009 Congressional Justification*; Department of Homeland Security, National Protection and Programs Directorate, Infrastructure Protection and Information Security, *Fiscal Year 2010 Congressional Justification*; H.Rept. 109-699; P.L. 110-28; the explanatory statement for P.L. 110-161 at *Congressional Record*, December 17, 2007, H16092; and the explanatory statement for P.L. 110-329 at *Congressional Record*, September 24, 2008, pp. H9806-H9807.

Notes: Funding levels rounded to nearest million. A full-time equivalent equals one staff person working a full-time work schedule for one year.

- a. Including funds provided in supplemental appropriations.
- b. The Infrastructure Security Compliance Project also received \$5 million for activities related to the development of regulations for ammonium nitrate. This funding was excluded in **Table I**.
- c. The Infrastructure Security Compliance Project also requested \$14 million for activities related to the development of regulations for ammonium nitrate. This funding was excluded in **Table I**.
- d. Both the Senate-passed and the House-passed versions of the Department of Homeland Security appropriations bill (H.R. 2892) provide funding for chemical facility security regulation at the requested level.
- e. Requested number of full-time equivalent positions.

As of June 2009, more than 36,500 chemical facilities had registered with DHS and completed the Top-screen process.⁵ Of these facilities, approximately 7,010 were considered to be high-risk and were required to submit a site vulnerability assessment.⁶ Once DHS processes the site vulnerability assessments, these facilities will be assigned risk tiers. The DHS has reportedly begun to contact 140 facilities in the highest risk tier, requiring those facilities to develop and implement a site security plan.⁷ Inspections by DHS are expected to begin later in 2009.

Policy Issues

Previous congressional discussion on chemical facility security raised several contentious policy issues. Some issues, such as whether DHS has sufficient funds to adequately oversee chemical

⁵ The Top-screen process is the initial submission of information to DHS to determine whether a facility is high risk.

⁶ Testimony of Philip Reiting, Deputy Under Secretary, National Protection and Programs Directorate, Department of Homeland Security, before the House Committee on Homeland Security, June 15, 2009.

⁷ Testimony of Philip Reiting, Deputy Under Secretary, National Protection and Programs Directorate, Department of Homeland Security, before the House Committee on Homeland Security, June 15, 2009.

facility security; whether the federal chemical facility security regulations should preempt state regulations; and how much information developed for chemical security purposes may be shared outside of the facility and the federal government, will exist even if the existing statutory authority is extended. Other issues, such as what facilities should be regulated as a chemical facility and whether chemical facilities should be required to adopt or consider adopting inherently safer technologies, are more likely to be addressed in the context of efforts to revise or expand existing authority.

Adequacy of Funds

The regulation establishes an oversight structure that relies on inspection of chemical facilities by DHS personnel to ascertain that approved site security plans have been implemented. Although the use of performance-based measures, where chemical facilities are granted flexibility in determining how to achieve the required security performance, may reduce some demands on the regulated entities, it may also require greater training and judgment on the part of DHS inspectors. Inspecting the regulated facilities is likely to be costly. Congressional oversight has raised the question of whether requested and existing appropriated funds are sufficient to hire and retain the staff necessary to perform the required compliance inspections.⁸

The degree to which funds are sufficient to meet agency needs likely depends on several factors external and internal to DHS. External factors include the number of regulated facilities and the sufficiency of security plan implementation. Internal factors include the ratio between headquarters staff and field inspectors; the risk tiers of the regulated facilities; and the timetable for implementation. Once the number of regulated facilities and their associated timetables are determined, it may be possible for DHS to more comprehensively determine its resource needs.⁹ Now that DHS has begun implementation of these requirements, it may be able to provide further estimates of both funding and staff requirements.

Federal Preemption of State Activities

The original statute did not expressly address the issue of federal preemption of state and local chemical facility security statute or regulation. When DHS issued regulations establishing the CFATS program, DHS asserted that the CFATS regulations would preempt state and local chemical facility security statute or regulation that conflicted with, hindered, posed an obstacle, or frustrated the purposes of the federal regulation.¹⁰ Subsequent to the release of the regulation, Congress amended DHS's statutory authority to state that only in the case of an "actual conflict" would the federal regulation preempt state authority. As the CFATS program has only begun to be implemented and few states have established independent chemical facility security regulatory programs, conflict between the federal and state activities has had little opportunity to occur. The

⁸ House Committee on Homeland Security, Subcommittee on Transportation Security and Infrastructure Protection, *Chemical Security: The Implementation of the Chemical Facility Anti-Terrorism Standards and the Road Ahead*, 110th Congress, December 12, 2007.

⁹ The DHS was required in FY2006 and FY2007 to provide Congress with a report on the resources needed to create and implement mandatory security requirements. See P.L. 109-295, Department of Homeland Security Appropriations Act, 2007, and H.Rept. 109-241, accompanying P.L. 109-90, Department of Homeland Security Appropriations Act, 2006.

¹⁰ 72 *Federal Register* 17688–17745 (April 9, 2007) at 17739.

DHS has not identified state programs that conflict with the CFATS regulations.¹¹ The DHS has also not altered its regulatory language in response to the statutory amendment.

Advocates for federal preemption call for a uniform security framework across the nation. They assert that a “patchwork” of regulations might develop if states were allowed to independently develop additional chemical facility security regulations.¹² Variances in security requirements might place companies at a competitive disadvantage based on their geographic location due to the differing regulatory compliance costs.

Supporters of state rights to establish chemical facility security regulation claim that the federal regulation should be treated as the minimum standard with which all regulated entities must comply. They assert that states should be allowed to develop more stringent regulations than the federal regulations. By doing so, they claim, security would be increased. Some supporters of state regulation suggest that the state regulations should preempt the federal regulations so long as they are more stringent than the federal regulation.¹³ Such a case might occur if a state regulation mandated the use of a particular security approach at chemical facilities, conflicting with the federal regulation that adopts a performance-based rather than prescriptive approach. Any state inclination to require overly stringent regulations likely would be tempered by a desire to retain industries that might relocate to avoid overly stringent regulation.

Transparency of Process

The CFATS process involves determining chemical facility vulnerabilities and developing security plans to address them. Information developed in this process is not to be widely and openly disseminated. The CFATS program protects this information by categorizing it as CVI and providing penalties for its disclosure. Some advocates have argued for greater transparency in the CFATS process, even if the detailed information regarding potential vulnerabilities and specific security measures are kept protected. They assert that those individuals living in surrounding communities require such information to plan effectively and make choices in an emergency.¹⁴

Events stemming from a 2007 explosion at a Bayer CropScience chemical facility in West Virginia have also led to debate regarding the protective labeling of security information at chemical facilities.¹⁵ This chemical facility was regulated under the Maritime Transportation

¹¹ 72 *Federal Register* 17688–17745 (April 9, 2007) at 17727.

¹² See, for example, National Association of Chemical Distributors, “NACD Key Issue: Chemical Facility Security,” *Key Issues 2009 Washington Fly-In 111th Congress*.

¹³ For example, Representative Rothman asked DHS Secretary Napolitano,

And in particular, there was language enacted in 2008 which said that the states could have their own regulations with regard to securing chemical plant facilities unless there was a conflict with the federal requirements. Might it be time to revisit that language to allow each state to have its own chemical plant security regulations, even stricter than a national minimum standard, even if they conflict?

(“House Appropriations Subcommittee on Homeland Security Holds Hearing on the Department of Homeland Security,” *CQ Congressional Transcripts*, May 12, 2009.)

¹⁴ OMB Watch and Public Citizen, “Chemical Facility Anti-Terrorism Standards, Department of Homeland Security, DHS-2006-0073,” *Letter*, February 7, 2007.

¹⁵ For example, see “House Energy and Commerce Subcommittee on Oversight and Investigations Holds Hearing on the Bayer CropScience Facility Explosion,” *CQ Congressional Transcripts*, April 21, 2009.

Security Act (MTSA), not CFATS.¹⁶ In this case, security information was protected from disclosure as Sensitive Security Information (SSI), an information protection regime similar to CVI. Revelations by company officials that the SSI marking was broadly applied partly in hopes to avoid a public debate on the use of particular chemicals at the facility have led to questions regarding the application and oversight of such protective markings.¹⁷

Definition of Chemical Facility

Many types of facilities are regulated as chemical facilities because they possess, rather than manufacture, chemicals of interest. These types of facilities include agricultural facilities, universities, and others. By defining chemical facilities according to possession of a substance of concern, facilities not part of the chemical manufacturing and distributing chain have become regulated facilities. Stakeholders have expressed concern that the number of entities so regulated might be unwieldy and that the regulatory program might focus on many chemical facilities that pose little risk rather than on those facilities that posed more substantial risk. For example, during the rulemaking process, DHS received commentary and revised its regulatory threshold for possession of propane, stating:

DHS, however, set the [screening threshold quantities] for propane in this final rule at 60,000 pounds. Sixty thousand pounds is the estimated maximum amount of propane that non-industrial propane customers, such as restaurants and farmers, typically use. The Department believes that non-industrial users, especially those in rural areas, do not have the potential to create a significant risk to human life or health as would industrial users. The Department has elected, at this time, to focus efforts on large commercial propane establishments but may, after providing the public with an opportunity for notice and comment, extend its [CFATS] screening efforts to smaller facilities in the future. This higher [screening threshold quantity] will focus DHS's security screening effort on industrial and major consumers, regional suppliers, bulk retail, and storage sites and away from non-industrial propane customers.¹⁸

Similarly, academic institutions have asserted that DHS should not apply CFATS regulations to them because of the dispersed nature of chemical holdings at colleges and universities. These institutions claim that regulatory compliance costs would not be commensurate with the risk reduction.¹⁹ While the regulatory compliance costs likely decrease at lower risk tiers compared to higher risk tiers, such costs will be on-going and born by the regulated entities.

As mentioned above, the statutory authority underlying CFATS contains an exemption for several types of facilities. Some advocacy groups argue against the exclusion of drinking water and wastewater treatment facilities from chemical facility security regulation.²⁰ Some drinking water and wastewater treatment facilities possess large amounts of potentially hazardous chemicals,

¹⁶ Chemical facilities located in ports are regulated for security purposes under the Maritime Transportation Security Act of 2002 (P.L. 107-295). Chemical facilities regulated under MTSA are statutorily exempt from CFATS regulation.

¹⁷ Testimony of William B. Buckner, President and Chief Executive Officer of Bayer CropScience, before the House Committee on Energy and Commerce, Subcommittee on Oversight and Investigations, April 21, 2009.

¹⁸ 72 *Federal Register* 65396–65435 (November 20, 2007) at 65406.

¹⁹ 72 *Federal Register* 65396–65435 (November 20, 2007) at 65412.

²⁰ See, for example, Testimony of Philip J. Crowley, Senior Fellow and Director of Homeland Security, Center for American Progress, before the House Committee on Energy and Commerce, Subcommittee on Environment and Hazardous Materials, June 12, 2008.

such as chlorine, for purposes such as disinfection. Advocates for their inclusion in security regulations cite the presence of such potentially hazardous chemicals and their relative proximity to population centers as reasons to mandate security measures for such facilities. In contrast, representatives of the water sector point to the critical role that water and wastewater treatment play in daily life and caution against including these facilities in the existing regulatory framework citing the potential for undue public impacts. They cite, for example, loss of basic fire protection and sanitation services if a water or wastewater utility is ordered to cease operations for security reasons.²¹

Inherently Safer Technologies

Previous debate on chemical facility security has included questions whether to mandate the adoption or consideration of changes in chemical process to reduce the potential consequences following a successful attack on a chemical facility. Suggestions for such changes have included reduction of the amount of chemical stored onsite and changing the chemicals being used. In previous congressional debate, these approaches have been referred to as inherently safer technologies or methods to reduce the consequences of a terrorist attack.

A fundamental challenge with regard to inherently safer technologies is providing an adequate basis for comparison of the technology with that replacing it. Without adequate metrics, it is challenging to unequivocally state that one technology is inherently safer than the other, as factors may exist that are outside of the comparison framing.²² Additional factors that might be considered by a facility in weighing the applicability and benefit of switching from one process to another are issues of cost, technical challenges regarding implementation in specific situations, supply chain impacts, the quality and availability of end products, and indirect effects caused to workers.

Supporters of the adoption of these approaches as a way to improve chemical facility security argue that by reducing or removing these chemicals from the facility, the incentive to attack the facility is also reduced. They suggest that by lowering the consequences of a release, the threat from terrorist attack is also lowered, and thus the risk to the surrounding populace would be mitigated. They point to facilities that have voluntarily changed amounts of chemicals on hand or chemical processes being used as examples that such an approach can be done in a cost-effective, practical fashion.²³

²¹ American Water Works Association, "Chemical Facility Security," *Fact Sheet*, 2009, online at <http://www.awwa.org/files/GovtPublicAffairs/PDF/2009Security.pdf>.

For more information on security issues in the water infrastructure sector, see CRS Report RL32189, *Terrorism and Security Issues Facing the Water Infrastructure Sector*, by Claudia Copeland.

²² For example, the replacement of hydrogen fluoride with sulfuric acid for refinery processing would replace a more toxic chemical with a less toxic one. In this case, experts estimate that twenty-five times more sulfuric acid would be required for equivalent processing capacity. Thus, more chemical storage facilities and transportation would be required, potentially posing different dangers than atmospheric release to the surrounding community. Determining which chemical process had less overall risk might require considering factors both internal and external to the chemical facility and the surrounding community. See Testimony of Dr. M. Sam Mannan, Director, Mary Kay O'Connor Process Safety Center, Texas A&M University before the House Committee on Homeland Security, December 12, 2007.

²³ See, for example, Paul Orum and Reece Rushing, Center for American Progress, *Preventing Toxic Terrorism: How Some Chemical Facilities are Removing Danger to American Communities*, April 2006, and Paul Orum and Reece Rushing, Center for American Progress, *Chemical Security 101: What You Don't Have Can't Leak, or Be Blown Up by* (continued...)

Opponents of mandating what proponents call inherently safer technologies question the validity of the approach as a security tool and of the government's ability to effectively oversee its implementation. One concern stated by industrial entities is a belief that such approaches are safety, not security, methods already being employed by process safety engineers within the regulated industry. They assert that process safety experts and business executives should determine whether changing existing processes is applicable to the specific chemical facility and is financially practical.²⁴ A second stated concern is that few existing alternative approaches are well understood with regard to their unanticipated side effects. They claim that these alternative approaches should continue to be studied rather than immediately applied, since unanticipated side effects could be deleterious to business and other interests.²⁵ A third opposing view questions whether the federal government contains the required technical expertise to adjudicate whether an alternative approach is both practical and beneficial. Holders of this view raise concerns that the federal government may not possess the required knowledge or expertise to judge whether an alternative technology can be implemented at a particular site, even if the alternative theoretically provides benefits over existing technology.²⁶

Policy Options

With the statutory authority expiring in October 2009, Congress faces a decision regarding chemical facility security. Congress might extend the existing statutory authority by revising or repealing the existing sunset provision; codify the existing regulations; amend the existing statutory authority; address existing programmatic activities; or restrict or expand the scope of chemical facility security regulation. If Congress doesn't act and the statutory authority is allowed to expire, the authority for the application and enforcement of the CFATS regulations may be brought into question.

If Congress both allows the statutory authority to expire and does not appropriate funding for implementing the CFATS program, DHS may have difficulty enforcing the CFATS regulations. In the case where Congress allows the statutory authority to expire, but Congress appropriates funds for enforcing the CFATS program, DHS will likely be able to enforce the CFATS regulations. The GAO has found that in the case where a program's statutory authority expires, but Congress explicitly appropriates funding for it, the program may continue to operate without interruption.²⁷

(...continued)

Terrorists, November 2008.

²⁴ Testimony by Marty Durbin, Managing Director, Federal Affairs, American Chemistry Council, before the House Committee on Energy and Commerce, Subcommittee on Environment and Hazardous Materials, June 12, 2008.

²⁵ For example, EPA experts have pointed to the change by drinking water treatment facilities from gaseous chlorine disinfection to chloramine disinfection—a change identified by some advocacy groups as being an inherently safer substitution—as being correlated with increased levels of lead in drinking water due to increased corrosion. Government Accountability Office, *Lead in D.C. Drinking Water*, GAO-05-344, March 2005.

²⁶ See, for example, Testimony by Dennis C. Hendershot, Staff Consultant, Center for Chemical Process Safety, American Institute of Chemical Engineers, before the Senate Committee on Environment and Public Works, June 21, 2006, S.Hrg. 109-1044. See also, Testimony by Matthew Barmasse, Synthetic Organic Chemical Manufacturers Association, before the Senate Committee on Homeland Security and Governmental Affairs, July 13, 2005.

²⁷ Office of the General Counsel, General Accounting Office, *Principles of Federal Appropriations Law, Third Edition*, GAO-04-261SP, January, 2004, pp. 2-70–2-71.

Maintain the Existing Regulatory Framework

The existing statutory authority places much of the regulatory framework at the discretion of the Secretary of Homeland Security. The existing statutory authority has led to the development of CFATS regulations. The DHS is still in the process of implementing the regulations, and their efficacy has not yet been determined. Congressional oversight of their implementation, enforcement, and efficacy may play a key role in determining whether the existing authority and regulations are sufficient. Congress might choose to maintain the existing regulations by extending the statutory authority's sunset date, or codifying the existing regulations. Also, as noted above, allowing the statutory authority to expire could in effect maintain the existing regulatory framework if Congress continues to fund implementation, although this may be litigated.

Extend the Sunset Date

Congress might choose to extend the current statutory authority for a fixed or indefinite time. The Obama Administration has proposed an extension of the existing statutory authority until October 4, 2010.²⁸ Extending the existing statutory authority may provide regulated entities continuity and protect them from losing those resources already expended in regulatory compliance. An extension may allow for the efficacy of the existing regulations to be assessed and this information to be included in any future attempts to revise or extend DHS's statutory authority. By extending the sunset date one year, Congress may also provide itself with additional time to address unresolved policy issues.

Congress might make the existing program permanent by removing the sunset date entirely. Some chemical manufacturers support converting the existing program into a permanent program.²⁹ The removal of the sunset date would maintain the current discretion granted to the Secretary of Homeland Security to develop regulations and allow for the efficacy of the existing regulations to be assessed. Making the existing statute permanent might provide consistency in authority and remove the statutory pressure to reauthorize a program that has a sunset date.

Codify Existing Regulations

Congress might choose to affirm the existing regulations by codifying them or their principles in statute. Such codification would reduce the discretion of the Secretary of Homeland Security to alter the CFATS regulations in the future. The existing statutory authority grants broad discretion to the Secretary in developing many parts of the CFATS regulations. Future Secretaries may choose to alter its structure or approach and still comply with the existing statute. Congress might identify specific components of the existing regulation that they wish to be retained in any future regulation and codify those portions. By doing so, the ability of the Secretary to react to changing circumstance might be limited. On the other hand, the regulated community might be more able to plan for expenses and future requirements relating to the codified portions.

²⁸ Department of Homeland Security, *FY2010 Budget Justification*.

²⁹ Randy Dearth and Cal Dooley, "Commentary: Taking Chemical Plant Security In Pittsburgh Seriously," *Pittsburgh Post-Gazette*, May 27, 2009.

Alter the Existing Statutory Authority

Congress might choose to alter the existing statutory authority to modify the existing regulations, address stakeholder concerns, or broadly change the regulatory program.

Accelerate or Decelerate Compliance Activities

The DHS has adopted a schedule for compliance with CFATS that is based on the chemical facility's assigned risk tier. Those chemical facilities assigned to the higher risk tiers have a more accelerated compliance and resubmission schedule than those assigned to lower risk tiers. Congress might attempt to accelerate the compliance schedule by increasing funding available to DHS for CFATS, increasing the ability of DHS to provide feedback to regulated entities, review submissions, and inspect facilities filing site security plans. In doing so, inefficiencies or delays related to DHS processing of submissions might be reduced or mitigated.

Alternatively, Congress might provide DHS with the authority to use third parties as CFATS inspectors. The DHS would then be able to augment the number of CFATS inspectors to meet increased demand or delegate inspection authority to state and local governments. Third-party inspectors might allow DHS to draw on expertise outside of the federal government in assessing the efficacy of the implemented site security activities. In drawing upon third-party inspectors, DHS may need to define the roles and responsibilities of these inspectors and how the qualifications of these inspectors will be assessed and accredited. The DHS has stated its intent to issue a rulemaking regarding the use of third-party auditors but has not yet done so.³⁰

Congress might choose to slow the implementation schedule of the chemical facility security regulations. Concern about the impact of the regulation on small businesses or other entities might lead to a decelerated compliance schedule. The DHS has already implemented select regulatory extensions for certain agricultural operations³¹ and colleges and universities.³² Congress might direct DHS to provide longer submission, implementation, and resubmission timelines for those regulated entities that might suffer disproportionate economic burdens from compliance.

Incorporate Additional Facility Types

Some advocacy groups have called for inclusion of currently exempt facilities, such as water and wastewater treatment facilities.³³ The federal government does not regulate water and wastewater treatment facilities for chemical security purposes. Instead, current chemical security efforts at water and wastewater treatment facilities are voluntary in nature.³⁴ The DHS and the

³⁰ 72 *Federal Register* 17688–17745 (April 9, 2007) at 17712.

³¹ 73 *Federal Register* 1640 (January 9, 2008).

³² 72 *Federal Register* 65395–65435 (November 20, 2007) at 65412.

³³ See, for example, Paul Orum and Reece Rushing, Center for American Progress, *Chemical Security 101: What You Don't Have Can't Leak, or Be Blown Up by Terrorists*, November 2008.

³⁴ Congress required certain drinking water facilities to perform vulnerability assessments and develop emergency response plans through section 401 of P.L. 107-188, the Public Health Security and Bioterrorism Preparedness and Response Act of 2002.

Environmental Protection Agency (EPA) have also called for additional authorities to regulate these facilities:

The Department of Homeland Security and the Environmental Protection Agency believe that there is an important gap in the framework for regulating the security of chemicals at water and wastewater treatment facilities in the United States. The authority for regulating the chemical industry purposefully excludes from its coverage water and wastewater treatment facilities. We need to work with the Congress to close this gap in the chemical security authorities in order to secure chemicals of interest at these facilities and protect the communities they serve. Water and wastewater treatment facilities that are determined to be high-risk due to the presence of chemicals of interest should be regulated for security in a manner that is consistent with the CFATS risk and performance-based framework while also recognizing the unique public health and environmental requirements and responsibilities of such facilities.³⁵

If Congress provides the Executive Branch with statutory authority to regulate water and wastewater treatment facilities for chemical security purposes, it will face several policy decisions. Among these choices are how stringent such security measures should be, what federal agency should oversee them, and whether complying with these security measures is feasible given the public nature of many water and wastewater treatment facilities.

One option might be to include water and wastewater treatment facilities under the existing CFATS regulations, effectively removing the exemption currently in statute. In doing so, water and wastewater treatment facilities would be placed on par with other possessors of chemicals of interest. The DHS would provide oversight of all regulated chemical facilities.³⁶ Opponents of such an approach might cite the essential role that water and wastewater treatment facilities play in daily life and that several authorities available to DHS under CFATS, such as the ability to require a facility to cease operations, might be inappropriate if applied to a municipal utility.³⁷ Also, opponents might claim that activities under CFATS, such as vulnerability assessment, are duplicative of existing requirements under the Safe Drinking Water Act.³⁸

Another option might be to grant statutory authority to regulate water and wastewater treatment facilities for security purposes to the EPA or require DHS to consult with EPA regarding its regulation of water and wastewater treatment facilities. Following prior debate on chemical facility security, Congress provided statutory authority for chemical security to DHS, separating security responsibilities from the public health and safety responsibilities given to EPA. Providing one agency the authority to oversee safety and security operations may reduce the potential for redundancy. Since water treatment facilities must provide a vulnerability assessment to EPA, some facilities might view regulation under CFATS as redundant in this context.

³⁵ Testimony of Benjamin H. Grumbles, Assistant Administrator for Water, U.S. Environmental Protection Agency before the House Committee on Energy and Commerce, Subcommittee on Environment and Hazardous Materials, June 12, 2008.

³⁶ Those chemical facilities exempt from CFATS because they are regulated under MTSA are overseen by the Coast Guard, which is part of DHS. As noted above, chemical facilities owned or operated by the Department of Defense or Energy and those chemical facilities licensed by the Nuclear Regulatory Commission are not regulated entities.

³⁷ Testimony by Brad Coffey, Association of Metropolitan Water Agencies, before the House Committee on Energy and Commerce, Subcommittee on Environment and Hazardous Materials, June 12, 2008.

³⁸ Section 1433 of the Safe Drinking Water Act as amended by section 401 of P.L. 107-188, the Public Health Security and Bioterrorism Preparedness and Response Act of 2002.

Any new regulation of water and wastewater treatment facilities is likely to bear some cost to the regulated entities and potentially to DHS. Representatives of the water and wastewater sectors argue that capital and ongoing costs incurred due to increased security measures will eventually be borne by local ratepayers.³⁹ Congress may wish to consider whether these costs should be borne by the regulated entities, as is done for other regulated chemical facilities, and by those ratepayers served by them or by the taxpayers in general through financial assistance to the regulated entities. Additionally, if inclusion of other facility types significantly increases the number of regulated entities, DHS may require additional funds to process regulatory submissions and perform required inspections.

Consider Inherently Safer Technologies

Congress may choose to address the issue of inherently safer technologies, sometimes called methods to reduce the consequences of terrorist attack, through a variety of mechanisms. One approach might be to mandate the implementation of inherently safer technologies for a set of processes. Another might be to mandate the consideration of implementation of inherently safer technologies with certain criteria controlling whether implementation is required. A third approach might be to mandate the development of a federal repository of inherently safer technology approaches and consideration of chemical processes against those options listed in the repository. Stakeholders might assess and review the viability of applying these inherently safer approaches at lower cost if such information were centralized and freely available. Lastly, Congress might establish an incentive-based structure to encourage the adoption of inherently safer technologies by regulated entities.

Some experts assert that inherently safer technology approaches are considered and assessed as part of chemical process safety activities.⁴⁰ These assessments may lead to changes in chemical process when deemed safer, more reliable, and cost-effective. Congressionally mandated adoption or consideration of adoption of inherently safer technologies may be viewed as adding factors not previously considered by an individual facility, such as impact on homeland security. An additional complication to assessing inherently safer technology is the varying amounts of information available regarding industrial implementation of inherently safer technologies. While some facilities have converted to processes generally deemed as inherently safer, sufficient information may not be available for all facilities and processes to make effective assessment of the impacts from changing existing processes to ones considered inherently safer.⁴¹ Indeed, some experts have asserted that the metrics for comparing industrial processes are not yet fully established and need additional research and study.⁴² The National Academies have recommended

³⁹ Testimony by Brad Coffey, Association of Metropolitan Water Agencies, before the House Committee on Energy and Commerce, Subcommittee on Environment and Hazardous Materials, June 12, 2008.

⁴⁰ See, for example, Testimony by Dennis C. Hendershot, Staff Consultant, Center for Chemical Process Safety, American Institute of Chemical Engineers, before the Senate Committee on Environment and Public Works, June 21, 2006, S.Hrg. 109-1044.

⁴¹ The DHS Science and Technology (S&T) Directorate is engaged in a Chemical Infrastructure Risk Assessment Project that, among other goals, will assess the potential for safer alternative processes that may reduce risk to a select subset of high volume toxic chemicals (Department of Homeland Security, *FY2010 Budget Justification*, pp. S&T R&D - 27-28.).

⁴² Testimony of Dr. M. Sam Mannan, Director, Mary Kay O'Connor Process Safety Center, Texas A&M University before the House Committee on Homeland Security, December 12, 2007.

that DHS support research and development to foster cost-effective, inherently safer chemistries and chemical processes.⁴³

Mandating the implementation of inherently safer technologies at regulated entities may be challenging due to the differences that exist among chemical facilities, in terms of chemical process, facility layout, and ability to finance implementation. Even the mandatory consideration of inherently safer technologies may place a financial burden on some small regulated entities. Congress might limit mandatory measures to those facilities considered by DHS to pose the most risk or might provide financial assistance to regulated facilities.⁴⁴

Congress might choose to try to further incentivize regulated entities to adopt inherently safer technologies. Under the CFATS regulations, facilities that adopt inherently safer technologies might change their assigned risk tier by reducing the amount of chemicals of interest on hand. Congress might provide for financial incentives to regulated entities that adopt inherently safer technologies for chemicals of interest. Alternatively, Congress might direct DHS or another agency to perform inherently safer technology assessments for regulated entities, transferring the cost of such assessment from the facility to the federal government.⁴⁵ The results of these assessments might then be provided to the regulated entity or used by the agency in overseeing implementation.

Modify Information Security Provisions

Security-related information is protected from public disclosure under the current statute and regulation. Only specific “covered persons” are provided access to such protected information. While acknowledging a legitimate homeland security need to protect security information, some policymakers have questioned whether information protection regimes applied to chemical facilities are also meeting other needs. For example, first responders and community representatives have highlighted how such information protection regimes may impede emergency response and the ability of those in the surrounding community to react to emergency situations at the chemical facility.⁴⁶ Additionally, worker representatives have raised concerns that worker input into such security plans may be impeded by information protection regimes and the lack of mandated inclusion of worker representatives.⁴⁷ Finally, addressing these concerns is complicated by the need to balance the acknowledged security value of prohibiting disclosure of

⁴³ Committee on Assessing Vulnerabilities Related to the Nation’s Chemical Infrastructure, National Research Council, *Terrorism and the Chemical Infrastructure: Protecting People and Reducing Vulnerabilities*, 2006.

⁴⁴ Section 401 of the Public Health Security and Bioterrorism Preparedness and Response Act of 2002 (P.L. 107-188) mandated drinking water facilities develop an emergency response plan and perform a vulnerability assessment. Funds were authorized to help offset the costs to these facilities.

⁴⁵ Following investigation into the explosion at the Bayer CropScience facility in Institute, West Virginia, Members of Congress requested that the Chemical Safety Board provide recommendations on the adoption of alternative chemical processes at the chemical facility. Rep. Henry A. Waxman, Sen. John D. Rockefeller IV, Rep. Bart Stupak, and Rep. Edward J. Markey, *Letter to John Bresland*, May 4, 2009, online at http://energycommerce.house.gov/Press_111/20090504/bayer.pdf.

⁴⁶ Testimony of Joseph Crawford, Chief of Police, City Saint Albans, West Virginia, before the House Committee on Energy and Commerce, Subcommittee on Oversight and Investigations, April 21, 2009; and testimony of Kent Carper, President, Kanawha County Commission, Kanawha County, West Virginia, before the House Committee on Energy and Commerce, Subcommittee on Oversight and Investigations, April 21, 2009.

⁴⁷ See, for example, testimony of Glenn Erwin, United Steelworkers International Union, before the Senate Committee on Homeland Security and Governmental Affairs, July 13, 2005.

facility security information while providing sufficient opportunity for community and worker input and understanding.

The current information protection regimes for chemical facility security information, CVI under CFATS and SSI under MTSA, do not contain penalties for incorrectly marking information as protected. Only disclosure of correctly marked information is penalized. Additionally, the chemical facility is responsible for identifying and appropriately marking protected information. These information markings only would be assessed in the case of dispute. As was asserted during congressional oversight, this disparity may lead to a tendency by regulated entities, in order to protect themselves against potential liability or scrutiny, to erroneously protect information that should be made available to the public.⁴⁸

Additionally, the existing statute provides no provisions explicitly protecting or allowing for concerned covered persons to divulge protected information or to challenge the categorization of information as protected in an attempt to inform authorities about security vulnerabilities or other weaknesses. Depending on the circumstances, those individuals might be penalized for their disclosure of protected information. The CFATS regulations, reflecting this inherent tension, provide for a point of contact to which such information might be revealed, but also state “Section 550 did not give DHS authority to provide whistleblower protection, and so DHS has not incorporated specific whistleblower protections into this regulation.”⁴⁹

Congress might choose to address any of the above issues through amending the existing statutory authority. For example, while still retaining protections for vulnerability or security related information, it might require specific input to be gathered and documented during its development. Such input might come from outside groups, worker organizations, or other trade representatives through formal and informal mechanisms or by the solicitation, development, and use of industry best practices. The DHS might be directed to make specific types of information, such as the results of enforcement activities or the approval of successful implementation of a site security plan, more generally available. By mandating the inclusion of such information gathering or the release of specific information, Congress might facilitate greater cooperation between various stakeholder groups. Conversely, such requirements may raise concerns about the degree of security given the protected information, since more individuals will be involved in its development and analysis, perhaps increasing the ability of malicious persons to use such information for targeting purposes. As more information about the vulnerability assessment process and the results of the security process are made available, the potential that this disparate information might be combined to provide insight into security weakness might increase. Congress might require the Executive Branch or another entity to identify the threats or vulnerabilities that might accrue from a greater degree of chemical facility security information released prior to implementing such a change.⁵⁰

Congress might choose to alter the information protection regime afforded to chemical facility security information by specifically expanding access to first responders. The existing regulation

⁴⁸ “House Energy and Commerce Subcommittee on Oversight and Investigations Holds Hearing on the Bayer CropScience Facility Explosion,” *CQ Congressional Transcripts*, April 21, 2009.

⁴⁹ 72 *Federal Register* 17688–17745 (April 9, 2007) at 17718.

⁵⁰ A similar approach was taken with regard to making available chemical facility information submitted to the EPA under the auspices of the Risk Management Program. In this case, the President was directed to assess the potential risk of placing this information on the Internet. See Section 3 of Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

explicitly states that information developed in response to other laws or regulations, such as Emergency Planning and Community Right-to-Know Act, are not protected from disclosure. By enhancing first responder access to such information (for example, by mandating the designation of a covered individual in all jurisdictions containing a regulated chemical facility) perceived barriers to disclosing information during an accident might be minimized.

Congress might also choose to address the issue of identifying and marking protected information by mandating review of marked documents. Such a review might be performed and certified by the chemical facility. The federal government alternatively might be required to perform such a review on a regular basis. A review requirement might be burdensome on the entity required to perform the review and, while potentially limiting incorrect marking, may inhibit information reporting by regulated entities to the federal government. Additionally, absent a penalty for incorrect marking, it is unclear how compliance would be assured.

Congress may also address concerns raised regarding the ability of concerned individuals to report misdeeds by creating a “whistleblower” reporting mechanism. One approach might be to codify the current mechanism of reporting such concerns specifically to DHS or a similar federal entity, such as an agency Inspector General. Alternatively, a more general exemption to the penalties arising from disclosure of protected information might be created for those individuals who report such concerns to federal officials in general. As part of a whistleblower mechanism, Congress might choose to extend protections against retaliation or other job-related actions to those individuals availing themselves of current or newly established reporting mechanisms.

Preempt State Regulations

Congress addressed the issue of federal preemption of state statutes and regulations in the 110th Congress, placing in statute the requirement that only when an “actual conflict” occurs between state and federal regulation will the state regulation be preempted.⁵¹ Congress may choose to further limit the cases where federal regulation would preempt state regulation by affirming the right of states to make chemical facility security regulations that are more stringent than federal regulation even if they conflict. Alternatively, Congress may choose to increase the number of cases where federal regulations preempt those of a state by expanding the types of conflict, beyond “actual,” that will lead to preemption.

Legislation in the 111th Congress

Members of the 111th Congress have introduced legislation to extend or enhance DHS chemical facility security activities. Additionally, the annual appropriations process is providing FY2010 funding for implementation of chemical facility security regulation. Legislative approaches have generally taken one of two approaches: extending the existing authority or modifying the existing authority.

⁵¹ P.L. 110-161, the Consolidated Appropriations Act, 2008.

Extend the Existing Authority

Several bills would extend the expiration date of the existing statutory authority. The Administration had requested in its budget submission an extension of the existing statutory authority to October 4, 2010. Both the Senate-passed and the House-passed versions of the Department of Homeland Security appropriations bill (H.R. 2892) would provide an extension of the existing statutory authority to October 4, 2010. In contrast, H.R. 2477, the Chemical Facility Security Authorization Act of 2009, would extend the duration of the existing statutory authority to October 1, 2012.

Modify the Existing Authority

Bills modifying the existing authority have been introduced in the House. H.R. 2868, the Chemical Facility Anti-Terrorism Act of 2009, would reduce the discretion of the Secretary of Homeland Security by placing in statute aspects of the CFATS regulatory framework. It would also modify the existing authority in several ways. Among other changes, H.R. 2868 would increase the types of facilities eligible for regulation by the Secretary, removing current statutory exemptions for selected types of entities, such as wastewater and drinking water facilities and those facilities already regulated under MTSA. It would also mandate the use, in certain cases, of measures to reduce the consequences of a terrorist attack as part of a site security plan. The bill would alter the existing information protection scheme, removing the existing requirement that security information be treated as classified in enforcement proceedings. H.R. 2868 would create a citizens' suit process for requiring enforcement and establish explicit protections for individuals who act as "whistleblowers" and report security vulnerabilities. The bill also identifies criteria and parameters for mandatory security background checks. Finally, H.R. 2868 directs that state and local chemical facility security laws and regulations are preempted only if they are less stringent than the federal law and regulation. H.R. 2868 has been ordered reported by the House Committee on Homeland Security and referred to the House Committee on Energy and Commerce.

H.R. 261, the Chemical Facility Security Improvement Act of 2009, would prohibit the Secretary of Homeland Security from approving a chemical facility site security plan if the plan did not meet or exceed existing state or local security requirements. It would allow the Secretary of Homeland Security to mandate the use of specific security measures in site security plans. The bill would also cause protected information to be treated as SSI in both general and legal proceedings. Finally, the act would no longer prohibit suit to be brought in court to require the Secretary of Homeland Security to enforce chemical facility security regulations against a chemical facility.

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