

mortgages backed securities that Goldman sold, when Goldman knew that these securities were full of mortgages that were likely to fail.

During his confirmation hearing, I asked Mr. Clayton about Goldman Sachs' \$5 billion settlement with the Department of Justice. I asked Mr. Clayton if he felt that Goldman Sachs had been engaged in shady practices, but Mr. Clayton said only that he felt the case stood on its own. I cannot comprehend why Mr. Clayton demurred on this topic. We should all be able to agree that if a firm pays \$5 billion in a settlement, it was engaged in shady practices, to say the least.

During Mr. Clayton's confirmation hearing, he said that he is "100 percent committed to rooting out any fraud and shady practices in our financial system." If he is confirmed, I hope he stands by that pledge.

The SEC, investors, and the American people need an independent voice. They need a politically independent voice, as well as a voice that can be independent enough to make tough enforcement decisions about the financial firms it regulates. I have serious doubts that Mr. Clayton can be that voice; thus I oppose his nomination.

The PRESIDING OFFICER. The Senator from Virginia.

GOVERNMENT FUNDING LEGISLATION

Mr. KAINE. Mr. President, I rise to talk about the short-term budget resolution we will be voting on within the next couple of days and a quote the President made this morning.

The bipartisan agreement we are going to tackle on the floor to extend the Federal budget past the CR deadline through the end of September is salutary. It is salutary because the two Houses worked together to find an agreement.

I can see things in the agreement I like, and I can see things in the agreement I don't like. That is the nature of budget agreements. My principal disappointment with the agreement is that we should have done it in December. I will actually give credit to my Senate colleagues on both sides of the aisle. We were ready to do this deal in December. The Appropriations Committees in both Houses had met. We were ready to do a deal that would then give everybody in government—but, more importantly, all of our citizens and all of our businesses—some certainty about what would happen between that vote in December and the end of the fiscal year, September 30.

The incoming administration, not yet in office, dispatched the Vice President and others to the Hill and said: Don't do a budget. Don't do the omnibus bill. We want to have the ability to work on it ourselves.

I think this was against the better judgment of both sides in the Senate. A decision was made: We won't do an omnibus bill in December. We recessed on the 10th. We had plenty of time to get work done. Instead, we would do a CR through April 28.

I think my colleagues were right to want to do it in December. Nevertheless, we put everybody through the hoops of this: Is there going to be a shutdown, or what are we going to do?

Now, apparently, we will have a deal. We will discuss it, and I hope we will vote in favor of it.

We could have gotten the same deal in December. We would have given people more certainty. They could have adjusted. We could have not frightened people about a shutdown and done other productive work. Nevertheless, we have a deal which I plan to support.

But I was very interested this morning—very interested and, I will be blunt, very disturbed—with the President's words. At 8:07 this morning, he put out a tweet about the deal, about a bipartisan deal reached by two Republican Houses, with Democrats included—as we ought to be, because we represent a lot of the American public. This is the quote:

Either elect more Republican Senators in 2018 or change the rules now to 51%. Our country needs a good "shutdown" in September to fix mess!

So what I want to talk about today is whether there is a good shutdown of the government of the United States—whether there is such a thing as a good shutdown. Is it right for the President of the United States to hope for a good shutdown of the government of the greatest Nation on Earth?

I can't imagine that a CEO—any CEO we would admire—would call for a shutdown of his own company. That is what President Trump now is. He is the Commander in Chief and the Chief Executive of the government of the greatest Nation on Earth. He apparently believes there could be a good shutdown of this government in September.

I want to take us back to the fall of 2013. In the fall of 2013, the government was shut down for about 16 days in October. It was my first year as a Senator. That was bad. It was bad in Virginia, a State with 170,000 Federal employees, who didn't know whether or not there would be work to do, when they would return to work, or whether they would be paid for those days. It was bad for veterans whose claims to get a disability benefit were already too backed up and who couldn't get their calls and questions answered. It was bad for veterans whose requests for medical appointments were already too backed up and, in the uncertainty of a shutdown, they didn't know when they would be resolved. It was in October, which is the high season of tourism in Virginia. It was bad for one of my smallest communities, Accomack County, on the Eastern Shore of Virginia, which is adjacent to the Chincoteague National Seashore. They count on October tourism as a huge part of their local economy, but when the Federal parks shut down, it was bad for their economy. It was bad for economies near Shenandoah National Park to have that park shut down in the heart of fall leaf season, which is

the time they count on to help their small businesses succeed. It was bad for people on military bases, when DOD civilians were being furloughed—civilians like nurses at hospitals, and childcare workers who provide childcare to military families on military bases. They didn't know when they would be reopening. I see nothing good about a shutdown of the Government of the United States.

In fact, it was the first Republican President in the address at Gettysburg who said: The question that we always have to grapple with is whether government by, of, and for the people shall perish from the Earth. I think the answer to that question is that it should not perish from the Earth—not for a year, not for a month, not for a week, not for a day, not for an hour. There should not be a shutdown of the government of the United States. There is no such thing as a good shutdown.

So I just wanted to come to the floor today and be very, very blunt. On behalf of anybody in Virginia and in this country who is afraid of how a government shutdown could impact them or their communities; on behalf of troops, veterans, military families, and members of our Department of Defense who keep us safe every day; on behalf of veterans who fought for this country and who need the Federal Government to cut the backlog on disability claims or medical appointments at the VA; on behalf of every senior citizen or disabled person who has a case awaiting resolution by Social Security or Medicare or CMS; on behalf of 170,000 Federal employees living in Virginia and the people and communities they serve; on behalf of cities and counties around Virginia that rely on Federal support for infrastructure projects, economic development assistance, opioid prevention efforts, export promotion, and so many other critical programs; on behalf of Virginians struggling with disease and illness who pray for lifesaving cures developed through federally funded medical research; on behalf of our dynamic businesses and all of their workers, who need certainty from Washington in order to create jobs and expand the economy; on behalf of Virginia students and families who rely on Head Start Programs or rely on federally funded work study programs so they can work their way through college; on behalf of all Virginians and all Americans who deserve to have clean water, breathable air, beautiful open space, safe food and drugs, violence-free communities, a functional immigration system, and protection from cyber threats; and on behalf of the reputation of this Nation and the values that we proudly claim as American values, I will do anything and everything in my power as a U.S. Senator to stop any Trump shutdown, to stop any good shutdown of the government of the greatest Nation on this Earth, either now or during September or during the remainder of his term. I call on all of my colleagues to take a similar pledge.

I yield the floor.

I suggest the absence of a quorum.

The PRESIDING OFFICER. The clerk will call the roll.

The bill clerk proceeded to call the roll.

Mr. PETERS. Mr. President, I ask unanimous consent that the order for the quorum call be rescinded.

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

SPACE WEATHER RESEARCH AND FORECASTING ACT

Mr. PETERS. Mr. President, I rise today to ask for Senate approval of legislation that I sponsored, along with my friend and colleague from across the aisle, Senator CORY GARDNER of Colorado.

Earlier this year, we introduced the Space Weather Research and Forecasting Act with Senators Booker, Wicker, and Klobuchar, and it went on to pass unanimously by the full Senate Committee on Commerce, Science, and Transportation in January.

Space weather, which includes solar flares and coronal mass ejections caused by the constantly changing conditions in the Sun's magnetic fields, regularly hurls ionized gas toward the Earth. This can potentially devastate our infrastructure and significantly disrupt our economy. The chances of Earth being hit by a severe space weather event are roughly the same as a magnitude 8 earthquake striking the United States, but the impact to our way of life would be absolutely catastrophic.

According to NASA, Earth was narrowly missed by a large space weather event in 2012, which could have resulted in a worst-case scenario impact to Earth. A report by Lloyd's of London estimates that a worst-case scenario space weather event could cost up to \$2.6 trillion and impact as many as 40 million people by causing outages at electric utilities, disrupting GPS communication networks, and forcing airlines to reroute air traffic.

The potential disruption to these critical sectors of our economy makes space weather a threat we must understand better. Scientists across the globe, including in my home State of Michigan, are working to improve our understanding of space weather and how outputs from the Sun interact with the Earth's magnetic field and atmosphere. For years, NASA, NOAA, the National Science Foundation, and the Department of Defense have funded this critical research.

The work of scientists and engineers at these agencies and universities across the country will help us better predict solar events and improve our ability to protect the infrastructure of the United States. But as we increasingly realize the magnitude of this threat, we need national leadership to focus our resources, coordinate planning, and prepare for space weather events.

This bipartisan legislation sets national priorities to increase and improve space weather observations,

science, and forecasting abilities. This research will improve our efforts to predict and to mitigate the effects of space weather events on Earth and in space.

Space weather is not science fiction. If we don't prepare ourselves, the impact could be catastrophic. But by learning to make better predictions, issue more effective warnings, and take precautions for when that inevitable day comes to pass, we can prevent space weather from wreaking costly havoc or disrupting our daily lives.

It is imperative that we invest in science and technologies to better understand space weather. It is imperative that we act on that knowledge and understanding to protect our critical infrastructure. It is, therefore, imperative that we move quickly to sign into law the Space Weather Research and Forecasting Act.

As in legislative session, I ask unanimous consent that the Senate proceed to the immediate consideration of Calendar No. 29, S. 141.

The PRESIDING OFFICER. The clerk will report the bill by title.

The bill clerk read as follows:

A bill (S. 141) to improve understanding and forecasting of space weather events, and for other purposes.

There being no objection, the Senate proceeded to consider the bill, which had been reported from the Committee on Commerce, Science, and Transportation, with an amendment to strike all after the enacting clause and insert in lieu thereof the following:

SECTION 1. SHORT TITLE.

This Act may be cited as the "Space Weather Research and Forecasting Act".

SEC. 2. SPACE WEATHER.

(a) *IN GENERAL.*—Subtitle VI of title 51, United States Code, is amended by adding after chapter 605 the following:

"CHAPTER 607—SPACE WEATHER

"60701. Space weather.

"60702. Observations and forecasting.

"60703. Research and technology.

"60704. Space weather data.

"§ 60701. Space weather

"(a) *FINDINGS.*—Congress makes the following findings:

"(1) Space weather events pose a significant threat to humans working in the space environment and to modern technological systems.

"(2) The effects of severe space weather events on the electric power grid, satellites and satellite communications and information, airline operations, astronauts living and working in space, and space-based position, navigation, and timing systems could have significant societal, economic, national security, and health impacts.

"(3) Earth and space observations provide crucial data necessary to predict and warn about space weather events.

"(4) Clear roles and accountability of Federal departments and agencies are critical for an efficient and effective response to threats posed by space weather.

"(5) In October 2015, the National Science and Technology Council published a National Space Weather Strategy and a National Space Weather Action Plan seeking to integrate national space weather efforts and add new capabilities to meet increasing demand for space weather information.

"(b) *FEDERAL AGENCY ROLES.*—

"(1) *FINDINGS.*—Congress finds that—

"(A) the National Oceanic and Atmospheric Administration provides operational space weather forecasting and monitoring for civil applications, maintains ground and space-based

assets to provide observations needed for forecasting, prediction, and warnings, and develops requirements for space weather forecasting technologies and science;

"(B) the Department of Defense provides operational space weather forecasting, monitoring, and research for the department's unique missions and applications;

"(C) the National Aeronautics and Space Administration provides increased understanding of the fundamental physics of the Sun-Earth system through space-based observations and modeling, develops new space-based technologies and missions, and monitors space weather for NASA's space missions;

"(D) the National Science Foundation provides increased understanding of the Sun-Earth system through ground-based measurements, technologies, and modeling;

"(E) the Department of the Interior collects, distributes, and archives operational ground-based magnetometer data in the United States and its territories, and works with the international community to improve global geophysical monitoring and develops crustal conductivity models to assess and mitigate risk from space weather induced electric ground currents; and

"(F) the Federal Aviation Administration provides operational requirements for space weather services in support of aviation and for coordination of these requirements with the International Civil Aviation Organization, integrates space weather data and products into the Next Generation Air Transportation System, and conducts real-time monitoring of the charged particle radiation environment to protect the health and safety of crew and passengers during space weather events.

"(2) *OFFICE OF SCIENCE AND TECHNOLOGY POLICY.*—The Director of the Office of Science and Technology Policy shall—

"(A) coordinate the development and implementation of Federal Government activities to improve the Nation's ability to prepare, avoid, mitigate, respond to, and recover from potentially devastating impacts of space weather events; and

"(B) coordinate the activities of the space weather interagency working group established under subsection (c).

"(c) *SPACE WEATHER INTERAGENCY WORKING GROUP.*—In order to continue coordination of executive branch efforts to understand, prepare, coordinate, and plan for space weather, the National Science and Technology Council shall establish an interagency working group on space weather.

"(d) *MEMBERSHIP.*—In order to understand and respond to the adverse effects of space weather, the interagency working group established under subsection (c) shall leverage capabilities across participating Federal agencies, including—

"(1) the National Oceanic and Atmospheric Administration;

"(2) the National Aeronautics and Space Administration;

"(3) the National Science Foundation;

"(4) the Department of Defense;

"(5) the Department of the Interior;

"(6) the Department of Homeland Security;

"(7) the Department of Energy;

"(8) the Department of Transportation, including the Federal Aviation Administration; and

"(9) the Department of State.

"(e) *INTERAGENCY AGREEMENTS.*—

"(1) *SENSE OF CONGRESS.*—It is the sense of Congress that the interagency collaboration between the National Aeronautics and Space Administration and the National Oceanic and Atmospheric Administration on terrestrial weather observations provides—