

had a special reputation as a mentor to Senator Bennett's junior staff. He looked out for young staffers just starting their careers and actively searched out new experiences for their professional development.

Following his time in the Senate, Nate entered the private sector, accepting a position with Procter & Gamble as their senior manager for global government relations and public policy.

Although Nate never worked for me directly, he was a gifted public servant whose contributions were highly regarded across the entire Utah delegation and by me personally. Speaking to Nate's character, Senator Bennett—who is going through his own personal battle with cancer right now—sent me the following note over the weekend:

Nate Graham was a valued and much-loved member of my staff who was on track for great success in life, both professionally and with his beautiful family. This is a terrible tragedy. Our thoughts and prayers are with his family. We will miss him terribly.

While Nate was working for Senator Bennett, he met and fell in love with his sweetheart and eternal companion, Melanie Mickelson. I know Bob was delighted when he could be a matchmaker for some of his staffers.

In addition to Melanie, Nate is survived by their four sons: Rowen, James, Lincoln, and Griffin—who was born just 2 months ago. Nate was an active member of the Church of Jesus Christ of Latter-day Saints, having served an LDS mission in Honduras and Belize. Just 6 weeks before he passed away, he was released as the bishop of a local congregation in Arlington, VA, where he built a reputation for fostering a community of love and friendship.

A tidal wave of support has washed over the Graham family in the wake of Nate's passing. In just a few days, friends and neighbors have already raised nearly \$100,000 in a crowdfunding effort to support this family.

I wish to close with the words of the Scottish poet Henry Francis Lyte, from his hymn, "Abide With Me," which he wrote on his deathbed in 1847. This song is well beloved across the LDS community. It offers comfort and peace amid the sadness of loss:

I fear no foe, with Thee at hand to bless;  
 Ills have no weight, and tears no bitterness;  
 Where is death's sting?  
 Where, grave, thy victory?  
 I triumph still, if Thou abide with me.

We believe Nate now abides in a holier place. His family is in our thoughts just as they are in our prayers. May God comfort them, and may He comfort all of us as we mourn the loss of an exceptional friend, father, and husband.

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

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

The Senator from Arizona.

#### RUSSIAN ROCKET ENGINES POLICY PROVISION

Mr. MCCAIN. Mr. President, I rise to call attention, sadly, to the triumph of pork-barrel parochialism in this year's Omnibus appropriations bill—in particular, a policy provision that was airdropped into this bill, in direct contravention to the National Defense Authorization Act, which will have U.S. taxpayers subsidize Russian aggression and "comrade" capitalism.

Nearly 2 years ago, Russian President Vladimir Putin, furious that the Ukrainian people had ousted a pro-Moscow stooge, invaded Ukraine and annexed Crimea. It is the first time since the days of Hitler and Stalin that brute force has been projected across an internationally recognized border to dismember a sovereign state on the European Continent. More than 8,000 people have died in this conflict, including 298 innocent people aboard Malaysian Airlines Flight 17 who were murdered by Vladimir Putin's loyal supporters with weapons that Vladimir Putin had supplied them.

Putin's imperialist campaign in Eastern Europe forced a recognition, for anyone who was not yet convinced, that we are confronting a challenge that many had assumed was resigned to the history books: a strong, militarily capable Russian Government that is hostile to our interests and our values and seeks to challenge the international order that American leaders of both parties have sought to maintain since the end of World War II.

That is why the Congress imposed tough sanctions against Russia, especially against Putin's cronies and their enormously corrupt business empire. As part of that effort, Congress passed the National Defense Authorization Act of Fiscal Year 2015, which restricted the Air Force from using Russian-made RD-180 rocket engines for national security space launches—engines that are manufactured by a Russian company controlled by some of Putin's top cronies. We did so not only because our Nation should not rely on Russia to access space but because it is simply immoral to help subsidize Russia's intervention in Ukraine and line the pockets of Putin's gang of thugs who profit from the sale of Russian rocket engines.

Last year the Defense authorization bill exempted five of the engines that United Launch Alliance purchased before the invasion of Ukraine. This allowed ULA, the space launch company that for years has enjoyed a monopoly on launching military satellites, to use those Russian rocket engines if the Secretary of Defense determined it was necessitated by national security.

Since the passage of the act in the Senate 89 to 11, Russia has continued—as we all know—to destabilize Ukraine

and menace our NATO allies in Europe with aggressive military behavior. Putin has sent advanced weapons to Iran, violated the 1987 Intermediate-Range Nuclear Force Treaty. In a profound echo of the Cold War, Russia has intervened militarily in Syria on behalf of the murderous regime of Bashar Assad. Clearly, Russian behavior has only gotten worse.

That is why a few weeks ago Congress acted again and passed the National Defense Authorization Act of Fiscal Year 2016. The NDAA authorized \$300 million in security assistance and intelligence support for Ukraine to resist Russian aggression. At the same time, the bill recognized that a small number of Russian engines could be needed—could be needed to maintain competition in the National Security Space Launch Program and facilitate a smooth transition to rockets with engines made in the United States. Therefore, the legislation allowed ULA to use a total of nine Russian engines. The fiscal year 2016 Defense authorization bill, including its provision limiting the use of Russian rocket engines, was debated for months. For months the issue was debated. The Committee on Armed Services had a vigorous debate on this important issue. An amendment was offered to maintain the restriction on the Air Force's use of Russian rocket engines. In a positive vote of the committee, the amendment was adopted.

We then considered hundreds of amendments to this bill on the Senate floor over a period of 2 weeks. For 2 weeks we literally considered hundreds of amendments, and we did so transparently, with an open process which was a credit, frankly, to both sides. There was not one amendment that was called up to change the provision of that authorization bill concerning the RD-180 rocket engines. The legislation passed with 71 votes.

Then, because of a misguided Presidential veto, this defense legislation was actually considered a second time on the floor and it passed 91 to 3. I want to reemphasize, one of the things I was proud of for years is that we do debate the Senate Armed Services national defense authorization bill. We have done so every year for some 43 years, and passed it, and had the President sign it. We open it to all amendments, but there was no amendment on rocket engines proposed on the floor of the Senate. Why wasn't it? If there were Members of the Senate who did not like the provisions in the bill, we had an open process to amend it, but they didn't. They didn't because they knew they could not pass an amendment that would remove that provision in the Defense Authorization Act. So now in the dead of night we just found out, hours before we are supposed to vote, that they put in a restriction which dramatically changes that provision that was done in an open and transparent process. To their everlasting shame, in the dark of night, not

a vote—not a vote—no one consulted on the Armed Services Committee.

The fiscal year 2016 bill, including its provision limiting the use of Russian rocket engines, was debated for months. The committee had a vigorous debate, as I mentioned. Here is my point. The Senate had this debate. We had ample time and opportunity to have this debate. Through months of this fulsome debate, no Senator came to the Senate floor to make the case that we needed to buy more Russian rocket engines, no Senator introduced an amendment on the floor to lift the restriction on buying more Russian rocket engines. To the contrary, the Senate and the full Congress, including the House of Representatives, voted overwhelmingly and repeatedly to maintain this restriction. This is a policy issue, not a money issue—nowhere in the realm of the Appropriations Committee. It was resolved, as it should have been, on the defense policy bill.

Here we stand with a 2,000-page Omnibus appropriations bill crafted in secret. Members outside of the Appropriations Committee were not brought into the formulation of this legislation. There was no debate. Most of us are seeing this bill for the first time this morning, and buried within it is a policy provision that would effectively allow unlimited purchases and use of—guess what—Russian rocket engines.

What is going on here? ULA wants more Russian engines, plain and simple. That is why ULA recently asked the Defense Department to waive the NDAA's previous restriction on the basis of national security and let it use a Russian engine for the first competitive national security space launch. The Defense Department declined.

So what did ULA do when it couldn't get its way? It manufactured a crisis. Though the Department of Defense is restricted in using these Russian rocket engines, there is no similar restriction on NASA or commercial space launches. So ULA rushed to assign the RD-180s—the rocket engines—that it had in its inventory to these non-national security launches, despite the fact that there is no restriction on the use of Russian engines for those launches. This artificial crisis has now been seized on by ULA's Capitol Hill leading sponsors; namely, the senior Senator from Alabama, Senator SHELBY, and the senior Senator from Illinois, Senator DURBIN, to overturn the NDAA's restriction, and that is exactly what they have done—again, secretly, nontransparently, as part of this massive 2,000-page Omnibus appropriations bill.

As I said, neither Senator SHELBY nor Senator DURBIN, nor any other Senator, raised objections to the provisions of the bill or offered any alternative during the authorization process on the Senate floor. That is a repudiation of the rights of every single Senator in this body who is not a Member of the Appropriations Committee.

In fact, as I have said, when this issue was debated and voted on in the Committee on Armed Services, the authorizing committee of jurisdiction voted in favor of maintaining the restriction. Instead, my colleagues on the Appropriations Committee crafted a provision in secret, with no debate, to overturn the will of the Senate as expressed in two National Defense Authorization Acts. The result will enable a monopolistic corporation to send potentially hundreds of millions of dollars to Vladimir Putin and his corrupt cronies and deepen America's reliance on these thugs for our military's access to space.

This is outrageous and it is shameful. It is the height of hypocrisy, especially from my colleagues who claim to care about the plight of Ukraine and the need to punish Russia for its aggression.

How can our government tell European countries and governments that they need to hold the line on maintaining sanctions on Russia, which is far harder for them to do than for us, when we are getting our own policy in this way? We are gutting our own policy. How can we tell our French allies, in particular, that they should not sell Vladimir Putin amphibious assault ships, as we have, and then turn around and try to buy rocket engines from Putin's cronies? Again, this is the height of hypocrisy. Since March of 2014, my colleagues in the Senate have tried to do everything we can to give our friends in Ukraine the tools they need to defend themselves and their country from Russian aggression. Rather than furthering that noble cause, Senator SHELBY and Senator DURBIN have chosen to reward Vladimir Putin and his cronies with a windfall of hundreds of millions of dollars.

A rocket factory in Alabama may benefit from this provision. Boeing, headquartered in Illinois, may benefit from this decision. But have no doubt, the real winners today are Vladimir Putin and his gang of thugs running the Russian military industrial complex. I wish that Senator SHELBY and Senator DURBIN would explain to the American taxpayer exactly whom we are doing business with. They will not. But my colleagues need to know.

Let me explain. At least one news organization has investigated how much the Air Force pays for these RD-180 rocket engines, how much the Russians receive, and whether members of the elite in Putin's Russia have secretly profited by inflating the price. In an investigative series entitled "Comrade Capitalism," Reuters exposed the role that senior Russian politicians and Putin's close friends, including persons sanctioned over Ukraine, have played in the company called NPO Energomash, which manufactures the RD-180. According to Reuters, a Russian audit of that company found that it had been operating at a loss because funds were, "being captured by unnamed offshore intermediary companies."

In addition, the Reuters investigation also reported that NPO Energomash sells its rocket engines to ULA through another company called RD Amross, a tiny five-person outfit that stood to collect about \$93 million in cost markups under a multiyear deal to supply these engines. The Defense Contract Management Agency found that in one contract alone, RD Amross did "no or negligible" work but still collected \$80 million in "unallowable excessive pass-through charges."

Now, remember my friends, that is a five-person outfit—five persons. The Defense Contract Management Agency found that in one contract they collected \$80 million in unallowable, excessive passthrough charges. My friends, thanks to this amendment, that is who is going to continue to receive this money.

According to University of Baltimore School of Law professor Charles Tiefer, who reviewed Reuters documents, "The bottom line is that the joint venture between the Russians and Americans is taking us to the cleaners." He said that he had reviewed Pentagon audits critical of Iraq war contracts, but those "didn't come anywhere near to how strongly negative" the RD Amross audit was.

My colleagues, we have to do better. We have to do better than this. Some may say that we need to buy rocket engines from Putin's cronies in Russia. In particular, they will cite a letter from the Department of Defense, in response to a list of leading questions from the Appropriations Committee just a few days ago, which they will claim as confirmation that the Department believes the United States will not have a domestically manufactured replacement engine for defense space launches before 2022.

Of course, that is nonsense. When the Department of Defense starts making predictions beyond its 5-year budget plan, what I hear is "This isn't a priority" or "We don't really know." Either way, this is unacceptable. Both the authorizers and the appropriators have ramped up funding for the development of a new domestically manufactured engine. The Pentagon needs to do what it has failed to do for 8 years: Make this a priority.

Indeed, American companies have already said that they could have a replacement engine ready before 2022. Our money and attention should be focused on meeting this goal, not on subsidizing Putin's defense industry. Proponents of more Russian rocket engines will also cite claims by the Air Force that ULA needs at least 18 RD-180 engines to create a bridge between now and 2022 when a domestically manufactured engine becomes available. This, too, is false.

Today, we have two space launch providers—ULA and SpaceX—that, no matter what happens with the Russian RD-180, will be able to provide fully redundant capabilities with ULA's Delta IV and SpaceX's Falcon 9 and, eventually, the Falcon Heavy space launch

vehicles. There will be no capability gap. The Atlas V is not going anywhere anytime soon. ULA has enough Atlas Vs to get them through at least 2019, if not later. As I alluded a moment ago, the Pentagon agrees that no action is required today to address a risk for assured access to space.

In declining ULA's recent request for a waiver from the Defense authorization bill's restriction, the Deputy Secretary of Defense concluded that they "do not believe any immediate action is required to address the further risk of having only one source of space launch services." Indeed, in its recent letter, the Department of Defense even confirmed that ULA has enough engines to compete for each of the nine upcoming competitions and that the number they will pursue is "dependent upon ULA's business management strategy."

So I ask Senator SHELBY and Senator DURBIN: What are your priorities? As we speak, Ukrainians are resisting Russian aggression and fighting to keep their country whole and free. Yet this Omnibus appropriations bill sends hundreds of millions of dollars to Vladimir Putin, his cronies, and Russia's military industrial base as Russia continues to occupy Crimea and to destabilize Ukraine and their neighbors in the region. What kind of message does that send to Ukrainians who have been fighting and dying to protect their country? How can we do this when Putin is menacing our NATO allies in Europe? How can we do this when Russia continues to send weapons to Iran? How can we do this when Putin continues to violate the 1987 Intermediate-Range Nuclear Forces Treaty? How can we do this when Putin is bombing U.S.-backed forces in Syria fighting the murderous Assad regime?

I understand that some constituents of Senator SHELBY and Senator DURBIN believe they would benefit from this provision, but as the New York Times editorial board stated earlier this year:

When sanctions are necessary, the countries that impose them must be willing to pay a cost, too. After leaning on France to cancel the sale of two ships to Russia because of the invasion of Ukraine, the United States can hardly insist on continuing to buy national security hardware from one of Mr. Putin's cronies.

I repeat; that is from the New York Times, an editorial dated June 5, 2015, titled "Don't Back Down on Russian Sanctions." I also refer to an article from Reuters, dated November 18, 2014, titled "In murky Pentagon deal with Russia, big profit for a tiny Florida firm."

On the record, I make this promise: If this language undermining the National Defense Authorization Act is not removed from the omnibus, I assure my colleagues that this issue will not go unaddressed in the fiscal year 2017 National Defense Authorization Act. Up to this point, we have sought to manage this issue on an annual basis. We have always maintained that if a gen-

uine crisis emerged, we would not compromise our national security interests in space. We have sought to be flexible and open to new information. But if this is how our efforts are repaid, then perhaps we need to look at a complete and indefinite restriction on Putin's rocket engine.

I take no pleasure in saying that. I believe that avoiding the year-over-year conflict over this matter between our authorizing and Appropriations Committees is in our Nation's best interests. Such back-and-forth only delays our shared desire to end our reliance on Russian technology from our space launch supply chain, while injecting instability into our national security space launch program.

That instability threatens the reliable launch of our most sensitive national security satellites and the stability of the fragile industrial base that supports them. But I cannot allow—I cannot allow the Appropriations Committee or any other Member of this body to craft a "take it or leave it" omnibus spending bill that allows a monopolistic corporation to do business with Russia's oligarchs to buy overpriced rocket engines that fund Russia's belligerence in Crimea and Ukraine, its support for Assad in Syria, and its neoimperial ambitions.

I would like to address this issue in a larger context. The way the Congress is supposed to work is that authorizing committees authorize, whether it be in domestic or international or, in this case, defense programs. The responsibility of the authorizing committee is to make sure, in the case of defense—the training, equipping, the authorizing, the funding, the policies—that all falls under the Armed Services Committee.

The Appropriations Committee is required in their responsibilities to decide the funding for these programs. It is within their authority to zero out a program if they do not think the funding is called for or necessary. They can add funding if they want to for various programs. But this—this is a complete violation, a complete and total violation.

This issue was raised in the subcommittee and addressed in the subcommittee of the Armed Services Committee. It was in the full committee. It was addressed on the floor where there were hundreds of amendments that were proposed. Yet what was decided by the Armed Services Committee remained intact until, in the dark of the night, until 10 or 11 or 12 or whatever time it was this morning, up pops a direct contradiction, a direct dismembering, a direct cancellation of a provision in the law where we are talking about hundreds of millions of dollars that have no bearing whatsoever on the authority and responsibility of the Appropriations Committee.

So there are two problems here: One, it was done in the dark of night—in the middle of the night. No one knew. Second of all, it is in direct violation of

the relationship between the authorizing committees and the Appropriations Committee. So I say to my colleagues who are not on the Appropriations Committee: If you let this go, then maybe you are next. Maybe it is an amendment or a program that you have supported through debate and discussion and authorizing the committee and votes on amendments on the floor of the Senate. Then in the middle of the night, in December, when we are going out of session in 48 hours or so—or 72 hours—then up pops a provision that negates the entire work of the authorizing committee over days and weeks and months.

I say to my colleagues: You could be next. You could be next. That is why this in itself—subsidizing Vladimir Putin—is outrageous enough. But if we are going to allow this kind of middle-of-the-night airdropping, fundamental changes in programs and proposals and policies that have been debated in the open, that have been voted on in the open, completely negated, then we are destroying the very fundamental structure of how the Senate and the Congress are supposed to work.

I ask unanimous consent that a letter I sent to the chairman of the Appropriations Committee, dated November 19, 2015, be printed in the RECORD.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

U.S. SENATE,  
COMMITTEE ON ARMED SERVICES,  
Washington, DC, November 19, 2015.

Hon. THAD COCHRAN,  
Chairman, Committee on Appropriations,  
Washington, DC.

DEAR CHAIRMAN COCHRAN: As you finalize the appropriations bills for fiscal year 2016, I am concerned to hear that your Committee may be considering authorization language that would undermine sanctions on Russian rocket engines in connection with the Evolved Expendable Launch Vehicle (EELV) program, as approved in the recently enacted Fiscal Year 2016 National Defense Authorization Act (NDAA) on November 10, 2015, by a vote of 91-3. That provision, which was reviewed at length by the Armed Services Committee and subject to a fulsome amendment process on the Senate Floor, achieves a delicate balance that facilitates competition by allowing for nine Russian rocket engines to be used as the incumbent space launch provider transitions its launch vehicles to non-Russian propulsion systems.

I know you share my concerns about our continued use of Russian rocket engines in connection with military space launch and I ask you to respect the well-informed work my Committee took in crafting our legislation. Recent attempts by the incumbent contractor to manufacture a crisis by prematurely diminishing its stockpile of engines purchased prior to the Russian invasion of Crimea should be viewed with skepticism and scrutinized heavily. Such efforts should not be misconstrued as a compelling reason to undermine any sanctions on Russia while they occupy Crimea, destabilize Ukraine, bolster Assad in Syria, send weapons to Iran, and violate the 1987 Intermediate Range Nuclear Forces Treaty.

We welcome your Committee's views and look forward to working with your Committee on ensuring that Department of Defense resources are not unwisely allocated to

benefit the Russian military industrial base or its beneficiaries. I believe avoiding the year-over-year re-litigation of this matter between our authorizing and appropriations committees is in our best interest, inasmuch as such back-and-forth only delay our shared desire to eliminate Russian technology from our space launch supply chain and injects instability into the EELV program—not conducive to its success in ensuring the reliable launch of our most sensitive national security satellites or the stability of the fragile industrial base that supports them.

Thank you for consideration of this important issue.

Sincerely,

JOHN MCCAIN,  
Chairman.

Mr. MCCAIN. I yield the floor.

The PRESIDING OFFICER (Mrs. ERNST). The Senator from Minnesota.

Mr. FRANKEN. Madam President, I ask unanimous consent to speak for 15 minutes.

The PRESIDING OFFICER. Is there objection?

Without objection, it is so ordered.

#### PARIS CLIMATE CHANGE AGREEMENT

Mr. FRANKEN. Madam President, I rise today to celebrate the successful climate negotiations that were just wrapped up in Paris.

This past Saturday, 196 countries came together to reduce harmful greenhouse gas emissions, taking a very important step in the fight against climate change. This historic agreement is a recognition that we cannot afford to ignore the negative impacts of climate change and that we must work together globally to put the planet on a safer path forward.

The agreement does not simply take countries at their word, but it requires transparent measurement and verification to ensure that they live up to their promises. Crucially, the deal requires countries to revisit their emission reduction targets every 5 years. That way countries can factor in new technologies and new policies in order to keep global warming under 2 degrees Celsius.

This truly historic deal has been nearly 25 years in the making. International climate efforts date back to 1992, when governments around the world met in Rio de Janeiro with the objective of stabilizing greenhouse gas concentrations. Nations have met every year since to further the goal. While some meetings have been more successful than others, most have been met with disappointment and lack of action. After all, climate change is a complex issue, and bringing about a consensus action for any international issue is no small feat. That is why this agreement is truly, truly impressive.

Two weeks ago I traveled to Paris with nine of my colleagues. We met with U.N. Secretary General Ban Ki-moon, with U.S. Energy Secretary Ernest Moniz, and with our top U.S. climate change negotiator, Todd Stern. I congratulate all of them for their fine work.

Part of the purpose of our trip was to demonstrate to the world that there is a strong coalition in the U.S. Congress that supports the President's efforts on climate change, a message we conveyed to other nations, including Bangladesh. It is a country that has contributed little to industrial air pollution, but it is one of the most vulnerable to the negative impacts of climate change. It is estimated that unless we act, rising sea level will inundate some 17 percent of Bangladesh, displacing about 18 million people in this low-lying nation. They will be uprooted and turned into climate refugees without a home.

But, of course, climate change isn't something that will just impact Bangladesh and other low-lying nations. It is already impacting us right here at home.

While we cannot attribute any single extreme weather event to climate change, we do know that climate change impacts the frequency, duration, and severity of extreme weather events. Just look at the damage caused by Superstorm Sandy. The storm surges caused by Sandy along the eastern seaboard were far more damaging because of climate-induced sea level rise. May I remind you that the damage caused by Sandy cost taxpayers \$60 billion.

We are also seeing climate impacts to our forests. When Forest Service Chief Tom Tidwell testified before the Senate energy committee a few years ago, he told us that throughout the country we are seeing far longer fire seasons and that wildfires are also larger and more intense. I asked Chief Tidwell whether scientists at the Forest Service have concluded that climate change has been exacerbating the intensity, the size, and duration of wildfires in the wildfire season. Without hesitation, he said yes. As a result, the Forest Service is spending more and more of their budget fighting fires—now more than half of their entire budget.

We are seeing more intense droughts. Unless we act, these droughts will have a major impact on food security around the world. That is why I recently penned an op-ed in the Minneapolis StarTribune with Dave MacLennan, the CEO of Cargill, the Nation's largest privately held corporation.

As the CEO of a company focused on agriculture, Dave is concerned about what climate change is going to do to our food supply in a world that is expected to go from 7 billion to 9.5 billion inhabitants by midcentury. That is why Cargill called for a strong outcome at the global climate negotiations.

So you can see that Cargill has a strong business case to make on why we have to deal with climate change. But, of course, that business case isn't just confined to the agriculture sector. Addressing climate change presents a tremendous opportunity to transform the energy sector.

For the very first time just this last week, Beijing issued its most severe

warning to alert citizens of intense smog and local air pollution levels. Officials ordered half of the city's private vehicles to stay off the road, halted all operation at outdoor construction sites, and advised schools to temporarily close their doors. Citizens were encouraged to limit outdoor activities and recommended to wear a mask when outside.

China is choking on its own fumes from fossil fuels. As China and others recognize that they have to race toward clean energy, I want to make sure that our nation leads that race. I want to make sure that our startups are innovating tomorrow's solutions, that our companies are the ones that are developing and deploying clean energy technologies here and around the world. Again, I want to reiterate that. Addressing climate change head on would not only mitigate unprecedented damage to our economy but spur growth and innovation in a world that is hungry for advancements in clean energy.

My State of Minnesota recognized this opportunity in 2007 when it established a renewable energy standard and an energy efficiency standard. These kinds of policies send a strong signal to the private sector to develop and deploy clean energy solutions, and major investors are catching on to the opportunities. Just this month, Bill Gates launched the Breakthrough Energy Coalition to develop transformative energy solutions. The Coalition of nearly 30 billionaires from 10 different countries will invest in early stage energy companies to help them bridge the gap between government-funded lab research and the marketplace. According to Gates, the "primary goal with the Coalition is as much to accelerate progress on clean energy as it is to make a profit." To back up this statement, Gates alone plans to invest \$1 billion in clean energy in the next 5 years.

So you can see that the very serious threat of climate change presents a "Sputnik moment" for our Nation, an opportunity to rise to the challenge and defeat that threat. In response to Sputnik, we ended up not just winning the space race and sending a man to the Moon, but we did all sorts of great things for the American economy and for our society. We did it once, and we can do it again. By rising to the challenge of climate change, we will not just clean up our air but also drive innovation and create jobs—and not only in the clean energy sector—just as the space program created economic growth in so many economic sectors.

The Obama administration deserves a lot of credit for its leadership on climate change. Our domestic commitment through the Clean Power Plan, which builds on the work of my State and others, has established a Federal plan for reducing emissions. This important policy has provided American innovators and businesses the confidence to take on new risks and to drive new technologies forward.