START Treaty reductions. The Russians have unilaterally undertaken to use the converted silos only for the smaller, SS–25 type single-warhead ICBMs. When implemented, the Treaty's conversion provisions, which include extensive on-site inspection rights, will preclude the use of these silos to launch heavy ICBMs. Together with the elimination of SS–18 missiles, these provisions are intended to ensure that the strategic capability of the SS–18 system is eliminated.

START II allows some reductions to be taken by downloading, i.e., reducing the number of warheads attributed to existing missiles. This will allow the United States to achieve the reductions required by the Treaty in a cost-effective way by downloading some or all of our sea-based Trident SLBMs and land-based Minuteman III ICBMs. The Treaty also allows downloading, in Russia, of 105 of the 170 SS–19 multiple-warhead missiles in existing silos to a single-warhead missile. All other Russian launchers of multiple-warhead ICBMs—including the remaining 65 SS–19s—must be converted for single-warhead ICBMs or eliminated in accordance with START procedures.

START II can be implemented in a fashion that is fully consistent with U.S. national security. To ensure that we have the ability to respond to worldwide conventional contingencies, it allows for the reorientation, without any conversion procedures, of 100 START-accountable heavy bombers to a conventional role. These heavy bombers will not count against START II warhead limits.

The START Treaty and the START II Treaty remain in force concurrently and have the same duration. Except as explicitly modified by the START II Treaty, the provisions of the START Treaty will be used to implement START II.

The START II Treaty provides for inspections in addition to those of the START Treaty. These additional inspections will be carried out according to the provisions of the START Treaty unless otherwise specified in the Elimination and Conversion Protocol or in the Exhibitions and Inspections Protocol. As I was convinced that the START Treaty is effectively verifiable, I am equally confident that the START II Treaty is effectively verifiable.

The START Treaty was an historic achievement in our long-term effort to enhance the stability of the strategic balance through arms control. The START II Treaty represents the capstone of that effort. Elimination of heavy ICBMs and the effective elimination of all other multiple-warhead ICBMs will put an end to the most dangerous weapons of the Cold War.

In sum, the START II Treaty is clearly in the interest of the United States and represents a watershed in our efforts to stabilize the nuclear balance and further reduce strategic offensive arms. I therefore urge the Senate to give prompt and favorable consideration to the Treaty, including its Protocols and Memorandum on Attribution, and to give its advice and consent to ratification.

GEORGE BUSH

The White House,
January 15, 1993.

Statement by Press Secretary Fitzwater on the START II Treaty

January 15, 1993

I am pleased to announce that today the President submitted the START II treaty to the Senate for its advice and consent to ratification. This treaty marks an achievement of fundamental importance not only to the United States and Russia but to the whole world. START II is the capstone of a process over the past 2 years that has set back the hands on the nuclear doomsday clock.

The President urges the Senate to act promptly and approve the START II treaty. He also looks forward to prompt ratification of this treaty by Russia, as well as the ratifi-

cation of START I and accession to the Non-Proliferation Treaty by Belarus, Ukraine, and Kazakhstan. Once these actions are completed the historic reductions can begin without delay.

Letter to Congressional Leaders on Science and Technology Policy
January 15, 1993

Dear Mr. Speaker: (Dear Mr. President:)

My Administration has accelerated our national investment in America's future through increased support for science and technology. Had the Congress fully enacted my FY 1993 budget, investments in applied civilian R&D would have increased by 49 percent over the past 4 years. My Administration also has revitalized the Federal Government's ability to deal with science and technology. These actions included establishing the President's Council of Advisors on Science and Technology to insure high-level input from the private sector and restructuring the Federal Coordinating Council for Science, Engineering, and Technology to facilitate crosscutting multiagency R&D programs. Among these programs intended to harness science and technology to meet 21st century needs are Presidential initiatives on biotechnology, advanced materials, information technologies, and manufacturing.

To strengthen the educational foundations for growth, I convened the 1989 Education Summit and in 1991 transmitted to the Congress the AMERICA 2000 Excellence in Education Act to facilitate the educational reform needed to reach the National Education Goals set forth by the Summit. As part of this reform, my Administration has developed a strategic plan for education in mathematics, science, engineering, and technology that involves the coordinated efforts of 16 Federal agencies.

A particular strength of America's science and technology effort in my Administration has been its international leadership. The superiority of U.S. science and technology was manifested in the weapons systems that performed so admirably in Desert Storm, allowing us to win the war with minimal loss of life. As we restructure our military systems to face the greatly altered national security threats of the future, we must maintain an active and inventive program of defense R&D. Through our Global Change research program and a vigorous program of domestic initiatives, ranging from the revised Clean Air Act to my decision to accelerate the phaseout of the chemicals that degrade the Earth's ozone layer, we also have been an international leader in confronting the problems of the global environment. Under my Administration, the United States has provided more support for research on Global Change than all other countries put together—research that is providing a scientific basis for environmentally and economically sound stewardship of the Earth. Finally, my Administration has extended the hand of cooperation in science and technology to many nations, forging new bilateral and multilateral agreements and seeking a truly international basis for proceeding with increasingly large and complex megaprojects in science that have the potential to produce fundamental knowledge of benefit to all humanity.

Despite the strength and overall health of our American science and technology enterprise, I must call the attention of the Congress to a number of areas of concern for the future. My Council of Advisors on Science and Technology has recently reported on signs of stress in our universities. Our precollege educational system still has far to go to meet our National Education Goals and to adequately prepare our work force and our citizens for the 21st century. Private sector investment in R&D is stagnating even as the competitive pressures of a global economy accelerate. In addition, the relationships between the critical elements of our science and technology enter-