

Moscow looks to them for badly needed foreign exchange through exports. We remain very concerned about the nonproliferation implications of such sales in several areas. Monitoring Russian proliferation behavior, therefore, will remain a very high priority.

Russian entities during the reporting period continued to supply a variety of ballistic missile-related goods and technical know-how to countries such as Iran, India, China, and Libya. Iran's earlier success in gaining technology and materials from Russian entities accelerated Iranian development of the Shahab-3 MRBM, which was first flight-tested in July 1998. Russian entities during the first six months of 2000 have provided substantial missile-related technology, training, and expertise to Iran that almost certainly will continue to accelerate Iranian efforts to develop new ballistic missile systems.

Russia also remained a key supplier for civilian nuclear programs in Iran, primarily focused on the Bushehr Nuclear Power Plant project. With respect to Iran's nuclear infrastructure, Russian assistance enhances Iran's ability to support a nuclear weapons development effort. By its very nature, even the transfer of civilian technology may be of use in Iran's nuclear weapons program. We remain concerned that Tehran is seeking more than a buildup of its civilian infrastructure, and the Intelligence Community will be closely monitoring the relationship with Moscow for any direct assistance in support of a military program.

In January, Russia's cabinet approved a draft cooperative program with Syria that included civil use of nuclear power. Broader access to Russian scientists could provide opportunities to solicit fissile material production expertise if Syria decided to pursue a nuclear weapons option. In addition, Russia supplied India with material for its civilian nuclear program during this reporting period. President Putin in May amended the presidential decree on nuclear exports to allow the export in exceptional cases of nuclear materials, technology, and equipment to countries that do not have full-scope IAEA safeguards, according to press reports. The move could clear the way for expanding nuclear exports to certain countries that do not have full-scope safeguards, such as India.

During the first half of 2000, Russian entities remained a significant source of dual-use biotechnology, chemicals, production technology, and equipment for Iran. Russia's biological and chemical expertise make it an attractive target for Iranians seeking technical information and training on BW- and CW-agent production processes.

Russia continues to be a major supplier of conventional arms. It is the primary source of ACW for China and India, it continues to supply ACW to Iran and Syria, and it has negotiated new contracts with Libya and North Korea, according to press reports.

The Russian Government's commitment, willingness, and ability to curb proliferation-related transfers remain uncertain. The export control bureaucracy was reorganized again as part of President Putin's broader government reorganization in May. The Federal Service for Currency and Export Controls (VEK) was abolished and its functions assumed by a new department in the Ministry of Economic Development and Trade. VEK had been tasked with drafting the implementing decrees for Russia's July 1999 export control law; the status of these decrees is not known. Export enforcement continues to need improvement. In February 2000, Sergey Ivanov, Secretary of Russia's Security Council, said that during 1998-99 the government had obtained convictions for unauthorized technology transfers in only three cases. The Russian press has reported

on cases where advanced equipment is simply described as something else in the export documentation and is exported. Enterprises sometimes falsely declare goods just to avoid government taxes.

#### *North Korea*

Throughout the first half of 2000, North Korea continued to export significant ballistic missile-related equipment and missile components, materials, and technical expertise to countries in the Middle East, South Asia, and North Africa. P'yongyang attaches a high priority to the development and sale of ballistic missiles, equipment, and related technology. Exports of ballistic missiles and related technology are one of the North's major sources of hard currency, which fuel continued missile development and production.

#### *China*

During this reporting period, the Chinese have continued to take a very narrow interpretation of their bilateral nonproliferation commitments with the United States. In the case of missile-related transfers, Beijing has repeatedly pledged not to sell Missile Technology Control Regime (MTCR) Category I systems but has not recognized the regime's key technology annex. China is not a member of the MTCR.

Chinese missile-related technical assistance to Pakistan continued to be substantial during this reporting period. With Chinese assistance, Pakistan is rapidly moving toward serial production of solid-propellant SRBMs. Pakistan's development of the two-stage Shaheen-II MRBM also requires continued Chinese assistance. In addition, firms in China provided missile-related items, raw materials, and/or assistance to several other countries of proliferation concern—such as Iran, North Korea, and Libya.

Chinese entities have provided extensive support in the past to Pakistan's safeguarded and unsafeguarded nuclear programs. In May 1996, Beijing pledged that it would not provide assistance to unsafeguarded nuclear facilities. We cannot rule out some continued contacts between Chinese entities and entities associated with Pakistan's nuclear weapons program. China's involvement with Pakistan will continue to be monitored closely.

With regard to Iran, China confirmed that work associated with two remaining nuclear projects—a small research reactor and a zirconium production facility—would continue until the projects were completed. The intelligence Community will continue to monitor carefully Chinese nuclear cooperation with Iran.

Prior to the reporting period, Chinese firms had supplied CW-related production equipment and technology to Iran. The US sanctions imposed in May 1997 on seven Chinese entities for knowingly and materially contributing to Iran's CW program remain in effect. Evidence during the current reporting period shows Iran continues to seek such assistance from Chinese entities, but it is unclear to what extent these efforts have succeeded. In June 1998, China announced that it had expanded its CWC-based chemical export controls to include 10 of the 20 Australia Group chemicals not listed on the CWC schedules.

#### *Western Countries*

As was the case in 1998 and 1999, entities in Western countries in 2000 were not as important as sources for WMD-related goods and materials as in past years. However, Iran and Libya continue to recruit entities in Western Europe to provide needed acquisitions for their WMD programs. Increasingly rigorous and effective export controls and cooperation among supplier countries have led the

other foreign WMD programs to look elsewhere for many controlled dual-use goods. Machine tools, spare parts for dual-use equipment, and widely available materials, scientific equipment, and specialty metals were the most common items sought. In addition, several Western countries announced their willingness to negotiate ACW sales to Libya.

#### TRENDS

As in previous reports, countries determined to maintain WMD and missile programs over the long term have been placing significant emphasis on insulating their programs against interdiction and disruption, as well as trying to reduce their dependence on imports by developing indigenous production capabilities. Although these capabilities may not always be a good substitute for foreign imports—particularly for more advanced technologies—in many cases they may prove to be adequate. In addition, as their domestic capabilities grow, traditional recipients of WMD and missile technology could emerge as new suppliers of technology and expertise. Many of these countries—such as India, Iran and Pakistan—do not adhere to the export restraints embodied in such supplier groups as the Nuclear Suppliers Group and the Missile Technology Control Regime.

Some countries of proliferation concern are continuing efforts to develop indigenous designs for advanced conventional weapons and expand production capabilities, although most of these programs usually rely heavily on foreign technical assistance. Many of these countries—unable to obtain newer or more advanced arms—are pursuing upgrade programs for existing inventories.

The PRESIDING OFFICER. The question is on the engrossment and third reading of the bill.

The bill was ordered to be engrossed for a third reading and was read the third time.

#### MORNING BUSINESS

The PRESIDING OFFICER. Under the previous order, the Senate will now be in a period for morning business.

The Senator from Tennessee.

#### NATIONAL SECURITY

Mr. THOMPSON. Mr. President, before my colleague from Texas leaves the Chamber, I want to congratulate him on what I consider to be another major achievement of his career. He can add this legislation to the long list of legislation he has either been primarily responsible for or substantially responsible for. While we have disagreements on the legislation, this is something I have seen him work tirelessly on for at least a couple of years now, and certainly Senator ENZI carried a large share of the work, as Senator GRAMM said.

This is another one of those instances where Senator GRAMM took an issue like a dog taking to a bone and did not turn it loose until he got it done. I must say it is another impressive performance, and I want to congratulate my good friend for adding another important legislative victory to his long legacy.

I want to discuss the legislation for a minute in response to my good friend.