



## HOMELAND SECURITY PRESIDENTIAL DIRECTIVE-4

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### **Subject: National Strategy to Combat Weapons of Mass Destruction**

*"The gravest danger our Nation faces lies at the crossroads of radicalism and technology. Our enemies have openly declared that they are seeking weapons of mass destruction, and evidence indicates that they are doing so with determination. The United States will not allow these efforts to succeed. ... History will judge harshly those who saw this coming danger but failed to act. In the new world we have entered, the only path to peace and security is the path of action."*

President Bush

The National Security Strategy of the United States of America  
September 17, 2002

### **INTRODUCTION**

Weapons of mass destruction (WMD) -- nuclear, biological, and chemical -- in the possession of hostile states and terrorists represent one of the greatest security challenges facing the United States. We must pursue a comprehensive strategy to counter this threat in all of its dimensions.

An effective strategy for countering WMD, including their use and further proliferation, is an integral component of the National Security Strategy of the United States of America. As with the war on terrorism, our strategy for homeland security, and our new concept of deterrence, the U.S. approach to combat WMD represents a fundamental change from the past. To succeed, we must take full advantage of today's opportunities, including the application of new technologies, increased emphasis on intelligence collection and analysis, the strengthening of alliance relationships, and the establishment of new partnerships with former adversaries.

Weapons of mass destruction could enable adversaries to inflict massive harm on the United States, our military forces at home and abroad, and our friends and allies. Some states, including several that have supported and continue to support terrorism, already possess WMD and are seeking even greater capabilities, as tools of coercion and

intimidation. For them, these are not weapons of last resort, but militarily useful weapons of choice intended to overcome our nation's advantages in conventional forces and to deter us from responding to aggression against our friends and allies in regions of vital interest. In addition, terrorist groups are seeking to acquire WMD with the stated purpose of killing large numbers of our people and those of friends and allies -- without compunction and without warning.

We will not permit the world's most dangerous regimes and terrorists to threaten us with the world's most destructive weapons. We must accord the highest priority to the protection of the United States, our forces, and our friends and allies from the existing and growing WMD threat.

## **PILLARS OF OUR NATIONAL STRATEGY**

Our National Strategy to Combat Weapons of Mass Destruction has three principal pillars:

### *Counterproliferation to Combat WMD Use*

The possession and increased likelihood of use of WMD by hostile states and terrorists are realities of the contemporary security environment. It is therefore critical that the U. S. military and appropriate civilian agencies be prepared to deter and defend against the full range of possible WMD employment scenarios. We will ensure that all needed capabilities to combat WMD are fully integrated into the emerging defense transformation plan and into our homeland security posture. Counterproliferation will also be fully integrated into the basic doctrine, training, and equipping of all forces, in order to ensure that they can sustain operations to decisively defeat WMD-armed adversaries.

### *Strengthened Nonproliferation to Combat WMD Proliferation*

The United States, our friends and allies, and the broader international community must undertake every effort to prevent states and terrorists from acquiring WMD and missiles. We must enhance traditional measures -- diplomacy, arms control, multilateral agreements, threat reduction assistance, and export controls -- that seek to dissuade or impede proliferant states and terrorist networks, as well as to slow and make more costly their access to sensitive technologies, material, and expertise. We must ensure compliance with relevant international agreements, including the Nuclear Nonproliferation Treaty (NPT), the Chemical Weapons Convention (CWC), and the Biological Weapons Convention (BWC). The United States will continue to work with other states to improve their capability to prevent unauthorized transfers of WMD and missile technology, expertise, and material. We will identify and pursue new methods of prevention, such as national criminalization of proliferation activities and expanded safety and security measures.

### *Consequence Management to Respond to WMD Use*

Finally, the United States must be prepared to respond to the use of WMD against our citizens, our military forces, and those of friends and allies. We will develop and maintain the capability to reduce to the extent possible the potentially horrific consequences of WMD attacks at home and abroad.

The three pillars of the U.S. national strategy to combat WMD are seamless elements of a comprehensive approach. Serving to integrate the pillars are four cross-cutting enabling functions that need to be pursued on a priority basis: intelligence collection and analysis on WMD, delivery systems, and related technologies; research and development to improve our ability to respond to evolving threats; bilateral and multilateral cooperation; and targeted strategies against hostile states and terrorists.

## **COUNTERPROLIFERATION**

We know from experience that we cannot always be successful in preventing and containing the proliferation of WMD to hostile states and terrorists. Therefore, U.S. military and appropriate civilian agencies must possess the full range of operational capabilities to counter the threat and use of WMD by states and terrorists against the United States, our military forces, and friends and allies.

### Interdiction

Effective interdiction is a critical part of the U.S. strategy to combat WMD and their delivery means. We must enhance the capabilities of our military, intelligence, technical, and law enforcement communities to prevent the movement of WMD materials, technology, and expertise to hostile states and terrorist organizations.

### Deterrence

Today's threats are far more diverse and less predictable than those of the past. States hostile to the United States and to our friends and allies have demonstrated their willingness to take high risks to achieve their goals, and are aggressively pursuing WMD and their means of delivery as critical tools in this effort. As a consequence, we require new methods of deterrence. A strong declaratory policy and effective military forces are essential elements of our contemporary deterrent posture, along with the full range of political tools to persuade potential adversaries not to seek or use WMD. The United States will continue to make clear that it reserves the right to respond with overwhelming force -- including through resort to all of our options -- to the use of WMD against the United States, our forces abroad, and friends and allies.

In addition to our conventional and nuclear response and defense capabilities, our overall deterrent posture against WMD threats is reinforced by effective intelligence, surveillance, interdiction, and domestic law enforcement capabilities. Such combined capabilities enhance deterrence both by devaluing an adversary's WMD and missiles, and by posing the prospect of an overwhelming response to any use of such weapons.

## Defense and Mitigation

Because deterrence may not succeed, and because of the potentially devastating consequences of WMD use against our forces and civilian population, U.S. military forces and appropriate civilian agencies must have the capability to defend against WMD-armed adversaries, including in appropriate cases through preemptive measures. This requires capabilities to detect and destroy an adversary's WMD assets before these weapons are used. In addition, robust active and passive defenses and mitigation measures must be in place to enable U.S. military forces and appropriate civilian agencies to accomplish their missions, and to assist friends and allies when WMD are used.

Active defenses disrupt, disable, or destroy WMD en route to their targets. Active defenses include vigorous air defense and effective missile defenses against today's threats. Passive defenses must be tailored to the unique characteristics of the various forms of WMD. The United States must also have the ability rapidly and effectively to mitigate the effects of a WMD attack against our deployed forces.

Our approach to defend against biological threats has long been based on our approach to chemical threats, despite the fundamental differences between these weapons. The United States is developing a new approach to provide us and our friends and allies with an effective defense against biological weapons.

Finally, U.S. military forces and domestic law enforcement agencies as appropriate must stand ready to respond against the source of any WMD attack. The primary objective of a response is to disrupt an imminent attack or an attack in progress, and eliminate the threat of future attacks. As with deterrence and prevention, an effective response requires rapid attribution and robust strike capability. We must accelerate efforts to field new capabilities to defeat WMD-related assets. The United States needs to be prepared to conduct post-conflict operations to destroy or dismantle any residual WMD capabilities of the hostile state or terrorist network. An effective U.S. response not only will eliminate the source of a WMD attack but will also have a powerful deterrent effect upon other adversaries that possess or seek WMD or missiles.

## **NONPROLIFERATION**

### Active Nonproliferation Diplomacy

The United States will actively employ diplomatic approaches in bilateral and multilateral settings in pursuit of our nonproliferation goals. We must dissuade supplier states from cooperating with proliferant states and induce proliferant states to end their WMD and missile programs. We will hold countries responsible for complying with their commitments. In addition, we will continue to build coalitions to support our efforts, as well as to seek their increased support for nonproliferation and threat reduction cooperation programs. However, should our wide-ranging nonproliferation efforts fail, we must have available the full range of operational capabilities necessary to defend against the possible employment of WMD.

## Multilateral Regimes

Existing nonproliferation and arms control regimes play an important role in our overall strategy. The United States will support those regimes that are currently in force, and work to improve the effectiveness of, and compliance with, those regimes. Consistent with other policy priorities, we will also promote new agreements and arrangements that serve our nonproliferation goals. Overall, we seek to cultivate an international environment that is more conducive to nonproliferation. Our efforts will include:

- Nuclear
  - Strengthening of the Nuclear Nonproliferation Treaty and International Atomic Energy Agency (IAEA), including through ratification of an IAEA Additional Protocol by all NPT states parties, assurances that all states put in place full-scope IAEA safeguards agreements, and appropriate increases in funding for the Agency;
  - Negotiating a Fissile Material Cut-Off Treaty that advances U.S. security interests; and
  - Strengthening the Nuclear Suppliers Group and Zangger Committee.
- Chemical and Biological
  - Effective functioning of the Organization for the Prohibition of Chemical Weapons;
  - Identification and promotion of constructive and realistic measures to strengthen the BWC and thereby to help meet the biological weapons threat; and
  - Strengthening of the Australia Group.
- Missile
  - Strengthening the Missile Technology Control Regime (MTCR), including through support for universal adherence to the International Code of Conduct Against Ballistic Missile Proliferation.

## Nonproliferation and Threat Reduction Cooperation

The United States pursues a wide range of programs, including the Nunn-Lugar program, designed to address the proliferation threat stemming from the large quantities of Soviet-legacy WMD and missile-related expertise and materials. Maintaining an extensive and efficient set of nonproliferation and threat reduction assistance programs to Russia and other former Soviet states is a high priority. We will also continue to encourage friends and allies to increase their contributions to these programs, particularly through the G-8 Global Partnership Against the Spread of Weapons and Materials of Mass Destruction. In addition, we will work with other states to improve the security of their WMD-related materials.

## Controls on Nuclear Materials

In addition to programs with former Soviet states to reduce fissile material and improve the security of that which remains, the United States will continue to discourage the

worldwide accumulation of separated plutonium and to minimize the use of highly-enriched uranium. As outlined in the National Energy Policy, the United States will work in collaboration with international partners to develop recycle and fuel treatment technologies that are cleaner, more efficient, less waste-intensive, and more proliferation-resistant.

### U.S. Export Controls

We must ensure that the implementation of U.S. export controls furthers our nonproliferation and other national security goals, while recognizing the realities that American businesses face in the increasingly globalized marketplace.

We will work to update and strengthen export controls using existing authorities. We also seek new legislation to improve the ability of our export control system to give full weight to both nonproliferation objectives and commercial interests. Our overall goal is to focus our resources on truly sensitive exports to hostile states or those that engage in onward proliferation, while removing unnecessary barriers in the global marketplace.

### Nonproliferation Sanctions

Sanctions can be a valuable component of our overall strategy against WMD proliferation. At times, however, sanctions have proven inflexible and ineffective. We will develop a comprehensive sanctions policy to better integrate sanctions into our overall strategy and work with Congress to consolidate and modify existing sanctions legislation.

## **WMD CONSEQUENCE MANAGEMENT**

Defending the American homeland is the most basic responsibility of our government. As part of our defense, the United States must be fully prepared to respond to the consequences of WMD use on our soil, whether by hostile states or by terrorists. We must also be prepared to respond to the effects of WMD use against our forces deployed abroad, and to assist friends and allies.

The National Strategy for Homeland Security discusses U.S. Government programs to deal with the consequences of the use of a chemical, biological, radiological, or nuclear weapon in the United States. A number of these programs offer training, planning, and assistance to state and local governments. To maximize their effectiveness, these efforts need to be integrated and comprehensive. Our first responders must have the full range of protective, medical, and remediation tools to identify, assess, and respond rapidly to a WMD event on our territory.

The White House Office of Homeland Security will coordinate all federal efforts to prepare for and mitigate the consequences of terrorist attacks within the United States, including those involving WMD. The Office of Homeland Security will also work closely with state and local governments to ensure their planning, training, and equipment

requirements are addressed. These issues, including the roles of the Department of Homeland Security, are addressed in detail in the National Strategy for Homeland Security.

The National Security Council's Office of Combating Terrorism coordinates and helps improve U. S. efforts to respond to and manage the recovery from terrorist attacks outside the United States. In cooperation with the Office of Combating Terrorism, the Department of State coordinates interagency efforts to work with our friends and allies to develop their own emergency preparedness and consequence management capabilities.

## **INTEGRATING THE PILLARS**

Several critical enabling functions serve to integrate the three pillars -- counterproliferation, nonproliferation, and consequence management -- of the U.S. National Strategy to Combat WMD.

### Improved Intelligence Collection and Analysis

A more accurate and complete understanding of the full range of WMD threats is, and will remain, among the highest U. S. intelligence priorities, to enable us to prevent proliferation, and to deter or defend against those who would use those capabilities against us. Improving our ability to obtain timely and accurate knowledge of adversaries' offensive and defensive capabilities, plans, and intentions is key to developing effective counter- and nonproliferation policies and capabilities. Particular emphasis must be accorded to improving: intelligence regarding WMD-related facilities and activities; interaction among U.S. intelligence, law enforcement, and military agencies; and intelligence cooperation with friends and allies.

### Research and Development

The United States has a critical need for cutting-edge technology that can quickly and effectively detect, analyze, facilitate interdiction of, defend against, defeat, and mitigate the consequences of WMD. Numerous U.S. Government departments and agencies are currently engaged in the essential research and development to support our overall strategy against WMD proliferation.

The new Counterproliferation Technology Coordination Committee, consisting of senior representatives from all concerned agencies, will act to improve interagency coordination of U.S. Government counterproliferation research and development efforts. The Committee will assist in identifying priorities, gaps, and overlaps in existing programs and in examining options for future investment strategies.

### Strengthened International Cooperation

WMD represent a threat not just to the United States, but also to our friends and allies and the broader international community. For this reason, it is vital that we work closely with like-minded countries on all elements of our comprehensive proliferation strategy.

### Targeted Strategies Against Proliferants

All elements of the overall U. S. strategy to combat WMD must be brought to bear in targeted strategies against supplier and recipient states of WMD proliferation concern, as well as against terrorist groups which seek to acquire WMD.

A few states are dedicated proliferators, whose leaders are determined to develop, maintain, and improve their WMD and delivery capabilities, which directly threaten the United States, U.S. forces overseas, and/or our friends and allies. Because each of these regimes is different, we will pursue country-specific strategies that best enable us and our friends and allies to prevent, deter, and defend against WMD and missile threats from each of them. These strategies must also take into account the growing cooperation among proliferant states -- so-called secondary proliferation -- which challenges us to think in new ways about specific country strategies.

One of the most difficult challenges we face is to prevent, deter, and defend against the acquisition and use of WMD by terrorist groups. The current and potential future linkages between terrorist groups and state sponsors of terrorism are particularly dangerous and require priority attention. The full range of counterproliferation, nonproliferation, and consequence management measures must be brought to bear against the WMD terrorist threat, just as they are against states of greatest proliferation concern.

### **END NOTE**

Our National Strategy to Combat WMD requires much of all of us -- the Executive Branch, the Congress, state and local governments, the American people, and our friends and allies. The requirements to prevent, deter, defend against, and respond to today's WMD threats are complex and challenging. But they are not daunting. We can and will succeed in the tasks laid out in this strategy; we have no other choice.