

Bio-terrorism File

Chris Jennings

Rm 216

NATIONAL SECURITY COUNCIL

January 7, 1999

Subject: **Anti-terrorism Event**

The NSC was asked to conceptualize a presidential event underscoring Administration efforts -- many of them new or enhanced with this budget -- to defend against terrorist threats.

Next Wednesday the 13th, was the original target date, but now that the 13th is spoken for, any date before release of the budget would do.

Such an event would deliver on the promises the President made in his Annapolis speech and roll out measures to combat "cyberterrorism" and to counter chemical and biological threats. A number of agencies -- HHS, DOJ, Commerce & others -- have a piece of the action:

The attached fact sheet & concept paper lay out our thinking. Comments welcome.

Thanks

Alyn Davis

X69461

January 13, 1999

Defending the United States from 21st Century Threats: Computer Attack and Chemical and Biological Weapons

In his budget, President Clinton will propose a series of new programs that are vital to the defense of the homeland in this era of rapid technological change. These initiatives will build on two Presidential Decision Directives announced last May, which require the Federal Government to develop and implement new strategies on counterterrorism, weapons of mass destruction preparedness and critical infrastructure protection. In total, President Clinton will propose that the Federal Government spend \$9.6 billion to defend against terrorism, weapons of mass destruction and cyber attacks. This represents an increase of more than \$1.2 billion from the President's last budget proposal. Much of that money will be spent on the nontraditional threats that our nation will face in the 21st century.

Cyber Terrorism. Through cyber and other attacks on key computer systems, America could be brought to a standstill. The most critical sectors of our economy -- power-generation, telecommunications, banking, transportation and emergency services -- are all vulnerable to disruptions that would wreak havoc with the daily lives of our citizens. We know that other countries are developing capabilities for such disruption. To defend against a cyber attack, President Clinton will call in his forthcoming budget for path-breaking new programs to give the Federal Government the tools it needs to defend our communities and our economy from cyber terrorists and rogue states. In the first half of 1999, the President will unveil his National Plan for an unprecedented public-private partnership to protect these systems from cyber attack. In all, the President's budget will call for \$1.25 billion for critical infrastructure protection, up about \$200 million from the last fiscal year. New programs include:

- **Cyber Corps:** Through this initiative, the United States can develop the experts we need to defend our critical infrastructure while giving students new opportunities to train themselves for high-skill, high-wage careers. College students who join will study computer science with tuition assistance for 5 years in return for a period of service in the Federal Government helping to safeguard computers at agencies such as Social Security, FAA and FEMA. The program will both alleviate the Federal Government's difficulty in recruiting computer experts and create incentives for colleges to offer more advanced courses in computer science. Modeled on the ROTC, Cyber Corps will be established in FY00 and the first scholarships granted in FY01.
- **Computer Intrusion Detection Networks:** This initiative will make a vital difference in protecting the systems that keep government running, thus safeguarding our national security and daily economic life. Monitors on each critical computer system will be networked together so that when one computer system is attacked the network will instantly inform all other critical government systems of the source of the intrusion, the mode of attack and how to stop it. The Department of Defense has initiated work on a similar system; we will commence work on a civilian agency network in FY00. The two government networks will provide a model for private sector critical infrastructure efforts in industries such as banking, electricity, and transportation.

- **Information Sharing and Analysis Centers:** As part of the Public-Private Partnership, Federal agencies will support the initial establishment of ISACs to foster private sector development of best practices and standards, the sharing of threat analysis, foster discussion of best defensive measures, and provide outreach and training programs. These ISACs will enable fuller exchange of information between the private sector and the National Infrastructure Protection Center, established last year at the FBI, without compromising on privacy or civil liberties.
- **Computer Security Applied Research Initiative:** This effort will focus on methods of improving information assurance by safeguarding networks and data bases. Part of the initiative will focus on developing artificial intelligence that can identify anomalous activities as well as "trap doors," "Trojan horses," and other malicious code installed by unauthorized users. Because computer software is being widely rewritten for Y2K, there is now heightened concern about the covert installation of unauthorized code.

Biological and Chemical Terrorism. As technology advances, the means of developing weapons of mass destruction are increasingly accessible for terrorists and rogue states. In the wake of the sarin gas attack in the Tokyo subway, we know that the threat is real -- and that we must work to prevent such an attack from happening and be ready to respond if one should occur. President Clinton's budget expands efforts underway to increase the safety of American citizens from these terrible weapons by increasing funding by more than \$100 million. These funds will help pay for:

- **Vaccine Research and Development:** With last year's budget supplemental, President Clinton began funding for the nation's first civilian medical stockpile, which will provide necessary medicines, antidotes and vaccines in case of biological or chemical attack. Ensuring that we have the right medicines means not only buying ones currently in production but also developing new ones for diseases that are virtually never seen. The President's budget will fund research and development for vital vaccines for which there is currently little or no market though they are needed to protect against some of the most fearsome biological weapons agents.
- **Public Health Surveillance:** Unlike other kinds of attack, a biological weapons release could go undetected for days or longer. Stopping the spread of a disease and treating those at risk of contracting the illness requires that the pathogen is identified quickly. To achieve that rapid response, our public health system must be upgraded so doctors and other medical workers can recognize outbreaks of diseases caused by biological agents. The President's budget will fund necessary improvements in laboratories, training and data bases so that our experts have the essential tools they need to sound the alarm when a biological attack has occurred and start the necessary work to treat the sick and halt the spread of infection.
- **National Assets:** To assist local emergency management, personnel will be enhanced where they exist and established where they are lacking. These assets will include elements from the National Guard, Army, Marines and Coast Guard.
- **National Domestic Preparedness Office:** This office was established in November and will help create a national contingency plan for 120 metropolitan areas and provide a single, integrated federal program to train and equip the first responder community across the country in biological, chemical, and nuclear weapons of mass destruction preparedness.

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DATE: ~~January 12, 1999~~
LOCATION: East Room
TIME: TBD

I. PURPOSE

To announce new programs in the President's FY 2000 budget to defend the United States from cyber terrorism and chemical and biological terrorism.

II. BACKGROUND

Last May POTUS announced two Presidential Decision Directives which required the Administration to develop new strategies on counterterrorism, weapons of mass destruction preparedness and critical infrastructure protection. In his FY 2000 budget, POTUS will propose increased funding for these initiatives to a total of \$9.6 billion -- \$1.2 billion more than POTUS's last budget proposal. Much of that money will be spent on new programs to combat nontraditional, 21st century threats. These threats include cyber terrorism (such as the Solar Sunrise attack on Pentagon computers) against the most critical sectors of our economy such as power-generation, telecommunications, banking, transportation and emergency services. Funding for new programs to defend against cyber terrorism will increase by about \$200 million. POTUS will also propose an increase of about \$100 million for new programs to defend against chemical and biological terrorism such as the sarin gas attack in the Tokyo subway. New programs include cyber corps, detection nets, and public health surveillance (see fact sheet).

III. PARTICIPANTS

Speaking roles: POTUS, VPOTUS, Sam Nunn, Josh Lederberg, Alfred Berkeley (or Chuck Lee). Standing behind podium: Reno, Shalala, Daley, Berger, Clarke

IV. SEQUENCE (Total POTUS time: 50 minutes)

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|--|------------|
| 1. POTUS/VPOTUS briefing time w/Berger and Clarke | 15 minutes |
| 2. VPOTUS introductory remarks | 3 minutes |
| 3. Sam Nunn remarks on growing unconventional threats | 5 minutes |
| 4. Alfred Berkeley (or Chuck Lee) remarks on cyber terror threat | 5 minutes |
| 5. Josh Lederberg remarks on chem/bio terror threat | 5 minutes |
| 6. POTUS remarks | 10 minutes |
| 7. POTUS works the room | 5 minutes |
| 8. POTUS departs & validators meet w/press | |

V. PRESS PLAN

After POTUS event, briefing in WH Press Room: Reno, Shalala, Daley, Clarke. Interviews scheduled for selected cyber terrorism validators (Nunn, Berkeley, Lee, Gorelick, Augustine) and chem/bio terrorism validators (Lederberg, Young, Hauer.)

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VI. POTENTIAL INVITEESCyber Terrorism

NAME	TITLE	CO. / ORG	REASON
Lee, Charles	Chairman and CEO	GTE Corp.	Adv Comm
Mineta, Norman	VP	Lockheed Martin	Adv Comm
Ellsworth, Bob			
Berkeley, Alfred	President	NASDAQ	
Augustine, Norm			
Gorelick, Jamie	Vice Chairman	Fannie Mae	Adv Comm
Nunn, The Honorable Sam	Partner	King and Spalding	Adv Comm
Moon, Elvin	President	EW Moon Engineering and Const Mgmt Industries	Adv Comm
Adams, James	CEO	I-Defense	Author
Nye, Erle	Chairman and CEO	Texas Utilities Company	Adv Comm
Greenburg, Maurice	Chairman and CEO	American International Group	Adv Comm
Greene, Margaret	VP and Gen Counsel	BellSouth Corporation	Adv Comm
Holmes, Joseph	VP	EDS	Adv Comm
Jaffe, Dr. Jeffrey	VP of Technology	IBM Corporation	Adv Comm
Baxter, Bob	President	Bechtel Civil Company	Adv Comm
Berdahl, Robert	Chancellor	Univ of California, Berkeley	Adv Comm
Campbell, David	President and CEO	BBN Technologies	Adv Comm
Davis, Jerome	President and CEO	NoxTech	Adv Comm
Fisher, Richard	Chairman	Morgan Stanley Group	Adv Comm
Sayles Belton, Sharon	Mayor of Minneapolis		Adv Comm
Topfer, Mort	Vice Chairman	Dell Computers	Adv Comm
Wicks, Floyd	President	Southern California Water Company	Adv Comm
Banker, Elizabeth		Steptoe and Johnson, LLP	PCCIP
Culnan, Mary J.	Professor	Georgetown University	PCCIP
Keyes, David	Senior Manager	KPMG	PCCIP
Kurtz, James		Institute for Defense Analysis	PCCIP
Lacombe, Phil		Veridian	PCCIP
Marsh, Tom	General	Air Force Aid Society	PCCIP
Reynolds, Charles	Interim Dean	James Madison University	
Schumann, Larry J.	President and CEO	NTA	NSTAC
Chilcoat, Lt. Gen. Richard	President	National Defense University	
Leffler, L. G.	NERC Project Manager	NERC	
Jones, Anita K.	Professor	University of Virginia	
Wulf, William A.	President	National Academy of Engineering	

Spillman, Larry D.	VP	AT&T	
Holleyman, Robert W.	President and CEO	Business Software Alliance	
Allen, Catherine	Banking Industry	Bankers Roundtable	
	Technologies Secretariat		
Katz, Stephen	VP and Chief	Citibank	
	Information Security		
	Officer		
Massa, James	Director, Government	Cisco Systems	
	Alliances		
Wallace, Ernest	Director, Nat Sec'y	COMSAT	
	Relations		
Silliman, Scott	Executive Director	Duke University School of	
		Law	
Goodman, Sy	Professor	Stanford University	
Roth, Kevin	Program Manager	ITAA	
Geiger, William H.	President and CEO	Aegis Research Corporation	
Alberthal, Lester M.	Chairman and CEO	EDS	NSTAC
Peerenboom, Dr. James	Director, Infrastructure	Argonne National	
	Assurance Center	Laboratory, U of C	
Ware, Willis H.	Chairman, Research	Rand	
	Staff		
Sanovic, Randolph	Gen Director, Info	General Motors Corporation	
	Security		
Vetter, Linda		Agorics, Inc.	
Wade, James R.	Director, Fraud and	Airtouch Cellular	
	Enterprise Info Security		
Littlejohn, Gail	Senior VP	Lexis-Nexis Corporation	
Jacobson, Jennifer	Public Policy Counsel	America Online	
McConnell, Mike	VP	Booz Allen and Hamilton	NSA
Schlosser, Lynn	Director, Federal Affairs	Eastman Chemical	
		Company	
Copeland, Guy	VP, Information	CSC	NSTAC
	Infrastructure		
Allen, Julia	Software Eng. Institute	Carnegie Mellon University	
Van Voorhies, Robert F.		Bryan Cave LLP	
Rindskopf, Elizabeth	Crit Infra Assur Counsel	American Bar Association	
Oettinger, Anthony	Professor	Harvard University	
Ackerman, F. Duane	President and CEO	BellSouth Corporation	
Armstrong, Michael		AT&T	
Babbio, Lawrence T.	Pres. and CEO, Network	Bell Atlantic Corporation	
	Group		
Ballmer, Stephen	Executive VP, Sales &	Microsoft Corporation	
	Support		
Black, Edward	President	Computer and	
		Communications Industry	
		Assoc.	

Chase, Steve	President and CEO	America Online	
Cahouet, Frank V.	President and CEO	Mellon Bank and Mellon Bank Corp.	
Cerf, Vinton G.	Senior VP	MCI Communications Corp.	
Dawson, Rhett B.	President	Information Technology Industry Council	
Duques, Henry C.	CEO	First Data Corporation	
Flanigan, Matthew J.	President	TIA	
Gerstner, Louis V.	CEO	IBM Corporation	
Hewitt, Charles	President	Satellite Broadcasting and Communications Association	
Kuhn, Tom	President	Edison Electric Institute	
Lutnick, Howard	President and CEO	Cantor Fitzgerald	
McColl, Hugh	CEO	Nationsbank	
McCaw, Craig	CEO	Teledesic Corp.	
McGinn, Richard	President and CEO	Lucent Technologies Inc.	
McNealy, Scott	President and CEO	Sun Microsystems	
Miller, Harris	President	Information Technology Association of America	
Moore, Gordon	Chairman Emeritus	Intel Corporation	
Chambers, John	President and CEO	Cisco Systems	
Eisenberg, Lewis	Chairman of Port Authority, NY and NJ		
Platt, Lewis E.	President and CEO	Hewlett Packard Company	
Reed, John S.	Chairman and CEO	CITICORP	
Tooker, Gary	Chairman	Motorola Inc.	
Viterbi, Andrew	Vice Chairman	Qualcomm, Inc.	
Wheeler, Thomas	President and CEO	Cellular Telephone Industry Association	
Winkler, Michael	Senior VP and Group General Manager	COMPAQ	
Yeager, Curt		Electric Power Research Institute	
Zarb, Frank	Chairman and CEO	National Association of Securities Dealers, Inc.	
Hilsman, William J.	Chairman of the Board	Advanced Digital Technologies Company	NSTAC
Stroebele, John A.	President	Advanced Digital Technologies Company	IES
Stein, Martin A.	Vice Chairman, Automation and Support Services	BankAmerica Corporation	NSTAC
Cheng, George	Senior VP	BankAmerica Corporation	IES
Evatt, James W.	President, Information and Communications	The Boeing Company	

Steele, Robert W.	Systems General Manager, Business Development Planning	Boeing Information Services
Parker, David	President	American Gas Association
Richardson, Alan H.	Executive Director	American Public Power Association
English, Glen	CEO	National Rural Electric Cooperative Association
Lee, William C.Y.	VP and Chief Scientist	Air Touch Communications
Bishop, William	President	Institute of Internal Auditors
Burnett, William	Senior VP	Gas Research Institute
Grimes, John	VP	Raytheon E-Systems
Hahn, Richard	VP	Boston Edison
Hoffman, Lance J.	Professor	George Washington University
Blatt, William J.	VP	Northern Telecom
Blumentfeld, Seth	President and COO	MCI International
Burk, Arthur	Senior Safety Fellow	DuPont Excellence Center
Rotenberg, Mark	Executive Director	Electronic Privacy Information Center
Berman, Jerry	Executive Director	Center for Democracy and Technology
Neal, Roy	President and CEO	US Telephone Association
Goodman, Seymour	Center for International Security and Arms Control	Stanford University
Foster, Joe	Chairman	National Petroleum Council

Chemical/Biological Terrorism

Mr Louis Freeh	FBI	Director
Mr Tom Kuker	National Defense Preparedness Office	Director
Mr Frank Young	Reformed Theological Seminary	Fmr Director, FDA
Mr Jerry Houer	NYC	
Dr Josh Lederberg	Rockefeller University	Nobel Laureate
Mr	OSD-Reserve Affairs	
Dr Margaret Hamburg	HHS	Asst Sec'y for Policy, Plng and Eval
Dr David Satcher	HHS	Surgeon General
Dr William Raub	HHS	DAS for Policy
Dr James Hughes	CDC	Director for Infectious Diseases
Dr Bob Knouss	HHS, Office of Emergency	Director

	Preparedness	
Dr Tony Fauci	HHS, Institute for Allergies and Infectious Diseases	Director
Ms Sarah Layton	American Public Works Association	Director
Mr Raymond Sheppach	National Governor's Association	Exec Director
Mr Carl Tubbesing	National Conference of State Legislators	Director
Mr Larry Naake	National Association of Counties	Exec Director
Mr J. Thomas Cochran	National Conference of Mayors	Exec Director
Mr Donald Borut	National League of Cities	Exec Director
Mr William Hansell	International City Managers Association	Exec Director
Mr Tom Halicki	National Association of Towns and Townships	Exec Director
Mr Garry Briese	International Association of Fire Chiefs	Exec Director
Mr Alfred Whitehead	International Association of Fire Fighters	President
Mr Fred Allinson	National Volunteer Fire Council	Chairman
Mr Romeo Spaulding	International Society of Fire Service Inspectors	Exec Director
Mr Alan Walker	National Association of State Fire Training Directors	President
Mr William Webb	Congressional Fire Services Institute	Exec Director
Mr Dan Rosenblatt	International Association of Police Chiefs	Exec Director
Mr A.N. Moser	National Sheriffs Association	Exec Director
Mr Chuck Wexler	Police Executive Research Forum	Exec Director
Mr Hubert Williams	Police Foundation	President
Mr Robert Stewart	National Association of Black Law Enforcement Executives	Exec Director
Mr Rick Murray	American College of Emergency Physicians	EMS Manager
Ms Trina Hembree	National Emergency Management Association	Exec Director
Ms Elizabeth Armstrong	International Association of Emergency Managers	Exec Director

Members of Congress

- To be provided by White House and NSC Legislative Affairs