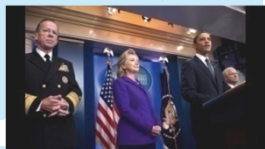
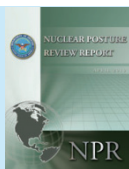


# National Security Critical Uncertainty Timeline 2011

## Nuclear Posture Review Highlights:

- Five Key Objectives identified:
  - Preventing nuclear proliferation and nuclear terrorism
  - Reducing the role of U.S. nuclear weapons in U.S. national security strategy
  - Maintaining strategic deterrence and stability at reduced nuclear force levels
  - Strengthening regional deterrence and reassuring U.S. allies and partners; and
  - Sustaining a safe, secure, and effective nuclear arsenal
- As long as nuclear weapons exist, the U.S. will sustain safe, secure, and effective nuclear forces
- The fundamental role of U.S. nuclear weapons...is to deter nuclear attack on the U.S., our allies, and our partners
- The U.S. will not use or threaten to use nuclear weapons against non-nuclear weapons states that are party to the NPT and in compliance with their nuclear non-proliferation regime.
- No new testing and U.S. will pursue ratification of the CTBT
- No new warheads
- No new capabilities, however there are three categories of life extension, Refurbish, Reuse and Replace



## National Security Strategy Highlights:

- Reaffirms basic tenets of Prague speech
- Recognizes the need to "take a longer view"
- Recognizes the role of diplomats
- Narrows the view of a global war to one with a specific network: al-Qaida
- "International Order" mentioned 27 times in document



"The International Order we seek is one that can resolve the challenges of our times – countering violent extremism and insurgency; stopping the spread of nuclear weapons and securing nuclear materials; combating a changing climate and sustaining global growth; helping countries feed themselves and care for their sick; resolving and preventing conflict, while also healing its wounds."

## White House Foreign Policy Page: (after May 2009)

### Keeping Nuclear Weapons Out of the Hands of Terrorists

- On April 5, 2009 in Prague, President Obama presented an ambitious strategy to address the international nuclear threat. He proposed measures to: reduce and eventually eliminate existing nuclear arsenals, including negotiations on further nuclear reductions with Russia, ratification of the Comprehensive Test Ban Treaty, and completion of a verified Fissile Material Cutoff Treaty; halt proliferation of nuclear weapons to additional states, and prevent terrorists from acquiring nuclear weapons or materials.
- We have pledged to work with our partners to achieve the denuclearization of North Korea through the Six-Party process. And we will present a clear choice to Iran to take its rightful place in the community of nations, including its right to peaceful nuclear energy, or continue to refuse to meet its international obligations and fail to seize the opportunity of a positive future.

## Previously:

- President's Prague Speech (April '09)
- UNSC 1887 (Sept. '09)
- Sec. Clinton's Speech at USIP (Oct. '09)
- Global Strike Command Stand-up (Nov. '09)
- START ends (Dec. '09)
- Nobel Peace Prize (Dec. '09)
- QDR & BMDR (Feb. '10)
- NPR (Apr. '10)
- Nuclear Sec. Summit (Apr. '10)
- New START signed (Apr. '10)
- Stockpile numbers declassified (May '10)
- NPT Review Conf. (May '10)
- National Security Strategy (May '10)
- NNSA plus up – 13% + \$4.1B (START quid pro quo)

## Prague "Master Plan":

"In a strange turn of history, the threat of global nuclear war has gone down, but the risk of a nuclear attack has gone up."

- Reaffirms the Administration goal of a world without nuclear weapons
- Reduce the role of nuclear weapons in U.S. national security strategy
- Negotiate a new, verifiable Strategic Arms Reduction Treaty with Russia by the end of the year
- Pursuit of U.S. ratification of the Comprehensive Test Ban Treaty (CTBT).
- Pursuit of a Fissile Material Cutoff Treaty (FMCT)
- Strengthening the Nonproliferation Treaty
- Strengthening international inspections [IAEA]
- New framework for civil nuclear cooperation including an international fuel bank
- Consequences for countries breaking the rules
- Secure all vulnerable nuclear material around the world within four years
- Establish the Proliferation Security Initiative, and the Global Initiative to Combat Nuclear Terrorism as durable international institutions

## 2011 Deficit Expected To Top \$1 Trillion

don't include changes in tax revenue or government spending by Congress. The report says that the deficit will be \$1.1 trillion in 2011, up from \$1.05 trillion in 2010. The report also says that the deficit is expected to reach \$1.4 trillion in 2012 and \$1.6 trillion in 2013.

## NRC chief questions US reactors' blackout preparedness

The Nuclear Regulatory Commission's chief said that the agency is concerned about the ability of U.S. nuclear reactors to maintain power during a blackout. He said that the agency is working with the industry to improve its blackout preparedness.

## Obama Plans To Shuffle National Security Leaders

President Obama is expected to reshuffle his national security leadership. Sources say that he is considering several options for the positions of Secretary of Defense and National Security Advisor.

## Alternative Path to the Future

## Possible Discontinuity Events:

- Israeli attack on Iran nuclear facilities
- Iranian nuclear test
- DPRK and South Korea conflict
- Destabilization of Pakistani government
- India and Pakistan conflict
- Rise of new nuclear powers
- Middle East war
- Terrorism on U.S. soil
- Fukushima disaster grows

- Global conflicts
- Return to nuclear testing
- New START abrogation
- Missile Defense deployed in Europe
- Nuclear materials and technology proliferation
- Cold War II with Russian and China

- Creation of a new International Order
- Ratification of CTBT
- FMCT and New START follow-on Treaties
- Securing nuclear materials
- Nuclear Forensics
- Redirection of Weapons funding to nonproliferation and nuclear security

Global Conflict

Global Zero

Stay the course

New START Implementation

FY12 Congressional Hearings

NNSA Restructuring and M&O Contract Rebid/Consolidation Decisions

FY12 Budget Appropriations

FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020
6.4	7.0	7.6	7.9	8.4	8.7	8.9	8.9-9.0	9.2-9.3	9.4-9.6	9.4-9.8

Watch List and Critical Uncertainties

Innovative Technology Partnerships, LLC  
December 31, 2011  
Jack Jekowski  
jjekowski@aol.com  
505 280-2217

Stockpile Certification

Afghanistan and Iraqi Wars

Budget Deficit and Global Economy

Global Threat Reduction – Nonproliferation and Nuclear Materials Lockdown - Iran, DPRK, Israel and Global War on Terror

Arms Control Treaties CTBT, FMCT, NPT

Commercial Nuclear Power Expansion and Nuclear Technology sharing



## Labs get 20 percent bump in Obama plan

The full range of nuclear security missions including maintaining the nuclear deterrent, preventing proliferation, and securing nuclear materials.

## haos in Cairo as Mubarak ackers, opponents clash

Protesters in Cairo clashed with police and other protesters as Mubarak's rule came to an end.

## Historic Deal Averts Shutdown

The House and Senate reached a deal to avert a government shutdown, allowing the federal government to continue operating.

## RADIATION LEAKING FROM DAMAGED NUCLEAR PLANT

Japan's Fukushima nuclear power plant is leaking radiation into the Pacific Ocean, raising concerns about the safety of the plant.

## Public support for nuclear industry slips

A survey shows that public support for the nuclear industry has declined significantly since the Fukushima disaster.

## LANL boss set to retire

George Miller, the director of the Los Alamos National Laboratory, is set to retire in the near future.

## Occupiers March Nationwide

Protesters marched in cities across the United States to demand the withdrawal of U.S. troops from Iraq and Afghanistan.

## George Miller to retire as Laboratory director

Miller announced that he will be stepping down as the director of the Los Alamos National Laboratory.

## Closure Process For Fed Labs Suggested

A report suggests that the federal government should consider closing or consolidating some of its laboratories to save money.

## Obama: Troops Coming Home

President Obama announced that U.S. troops would be withdrawn from Iraq by the end of the year.

## Sandia Contract To Go Out To Bid

The Sandia National Laboratories contract for the construction of a new building is set to go out to bid.

## North Pushes Support for Son

North Korea is pushing for international support for its young leader, Kim Jong-un.

## What's Next for Libya?

After the death of Muammar Gaddafi, the future of Libya remains uncertain.

## Lockheed Gets One-Year Extension Until Then

Lockheed Martin has received a one-year extension to complete its contract for the construction of a new building at Sandia National Laboratories.

## Lab's Role in Security

The role of national laboratories in national security is becoming increasingly important.

## Lab's Role in Security

The role of national laboratories in national security is becoming increasingly important.