

National Infrastructure Advisory Council (NIAC)



The Critical Infrastructure Resilience Study Working Group

January 6, 2008

Wesley Bush
President and COO
Northrop Grumman

Margaret Grayson
Former President
Coalescent Technologies

Overview

- Objective
- Scope
- Approach
- Key Concepts and Questions
- Timeline
- Questions

Objective

- ❑ Identify the role of *resilience* in the partnership and in the partnership's infrastructure protection mission.
- ❑ Examine infrastructure resilience strategies and make recommendations on how and why protection and resilience should be integrated into a comprehensive national risk management strategy that enables robust, reliable, and rapidly recoverable infrastructures.
- ❑ Provide Private-Sector input for the incoming Presidential Administration's emerging focus on Infrastructure Resilience as a means to achieving national security.
- ❑ Solidify current DHS policy on resilience approaches for CIKR.
- ❑ Define public and private sector roles in implementing protection and resilience strategies.₃

Scope

- ❑ Focus the study on critical infrastructure resilience, versus community resilience.
- ❑ Evaluate current DHS policy on resilience approaches for CIKR within the context of the partnership.
- ❑ Establish an appropriate role for resilience strategy within the CIKR protection mission.
- ❑ Consider resilience strategies needed to achieve national CIKR goals.
- ❑ Identify policy objectives for improved resilience for CIKR functions.

Approach

- Establish a NIAC Working Group
 - Co-Chairs Wesley Bush and Margaret Grayson
 - Establish full study group with appropriate sector representation and subject matter expertise
 - Seek additional NIAC participation
- Resources:
 - 12 NIAC Substantive Points of Contact engaged to date
 - Strong Secretariat resource support
- Effort to include:
 - Examination of current DHS policy on infrastructure resilience
 - Examination of existing Private Sector resilience programs and measures
 - Exploration of ongoing international infrastructure resilience efforts

Key Guiding Concepts

- ❑ Government and Private Sector CIKR owner-operators have different roles and priorities in infrastructure protection.
- ❑ Resilience is a key element to the infrastructure protection mission of DHS, recognizing that we can't protect against all risks.
- ❑ Acknowledge that the highest level of *protection* is required for some CIKR assets.
- ❑ Refine the ability to achieve protection of our nations CIKR as a function of the interaction and overlap between the *protection and resilience requirements*.

Key Questions

- ❑ Can the partnership model help to identify strategies for shared responsibility of risks where a clear return on investment does not exist for the private sector? Who pays for this and how?
- ❑ Can the Partnership strengthen infrastructure resilience through information sharing and communicating existing resilience-based approaches and best practices?
- ❑ What measures and mechanisms are in place to promote resilience and rapid recovery? What incentives exist and what must be created?

Key Areas for Exploration

- ❑ Define resilience in the context of the partnership model and CIKR.
- ❑ Define public and private sector roles in implementing protection and resilience strategies.
- ❑ Examine established priorities for protection including the Strategic Homeland Infrastructure Risk Analysis (SHIRA) process with respect for prioritizing functions as opposed to the asset-based approach that exists currently.
- ❑ Identify approaches that strengthen CIKR ability to recover quickly.
- ❑ Identify Partnership policies that make critical infrastructures more resilient.

Time Line

- Study ramp-up to follow this NIAC meeting
- Propose aggressive timeline to complete at October 2009 NIAC meeting
 - Initial Findings set for April 2009 meeting
 - Initial Recommendations set for July 2009 meeting
- Trade off between urgency and diligence may extend study

Questions?