Overview

- Objective
- Timeframe and Approach
- Questions
Objective

- The Study will provide actionable recommendations on three core components:
  - Regional Cooperation Framework
  - Interdependencies
  - Legal Framework for Dealing with Disasters

Timeframe and Approach

- Initiated at January 8 Business Meeting
- Slated for completion by the April meeting
- Focus on a single sector affecting others, for example:
  - Electricity
  - Telecommunications
  - Water
- Examine three different scenarios:
  - Natural Disaster
  - Terrorist Incident
  - Accident
Approach (cont.)

- The Study Group received several presentations, including:
  - National Infrastructure Simulation and Analysis Center (NISAC);
  - The Water Sector; and
  - National Incident Management System (NIMS).
- Other suggested presentations include:
  - National Response Framework;
  - Joint Field Office (JFO) Standard Operating Procedures;
  - Legal Frameworks Discussion with Experts; and
  - Federal Emergency Management Agency (FEMA) Regional Response Coordination Centers.

Way Ahead

- Using a scenario-based focus, establish a structured framework for analysis and recommendations
  - Investigating the possibility of leveraging NISAC studies and analyses
  - Expertise from Sandia and Los Alamos National Laboratories
  - Incorporate a Facilitated Seminar as a forum for addressing interdependencies and mitigation approaches
    - Leads to identifying the cooperation framework necessary to address the scenario event and its cascading effects
  - Provides a sustainable, repeatable process with some quantitative results and findings.
Analytical Steps

1. Scenario Specification & Sector Focus
   - Accepted scenarios?
   - NISAC existing analyses?
   - How many?
   - Sector Focus?

2. Sector Interdependency Effects Analysis
   - Interdependencies among critical infrastructures
   - NISAC Analysis

3. Facilitated Seminar – Developing Framework for Mitigating Event and Cascade Effects
   - Participants - Subject Matter Experts
   - Questionnaires
   - Surveys
   - Framework for Local / Regional / National Cooperation

4. Generalized Extension
   - Analytic extension
   - Framework for dealing with disasters

May be challenging to assure that results can be extrapolated from the specific study scenarios to the broader context.

Facilitated Seminar

- **Collaborative Analysis Capability**
  - Examine Utility of System Concepts
  - Develop and Examine Operational Concepts
  - Identify Future Needs and Capability Requirements
  - Identify and Prioritize Issues for Decision Makers

- **Fundamental Features**
  - Structure (Problem, Objectives & Agenda)
  - Right People (Subject Matter Experts)
  - Discussion supported by experienced facilitator
  - Collaborative and Analytic Tools
  - Analysis & documentation
Next Steps

- July 9 Workshop in DC
  - Determine specific scenarios/sectors to be addressed
  - Discuss/Scope the Facilitated Seminar Event
  - Develop plan of action and establish milestones
- Explore adding more resources to the study
- Provide recommendations by the April 2009 NIAC Meeting

Questions?