

RIC 2003

Safeguards & Security

Session W3

Nuclear Industry Security

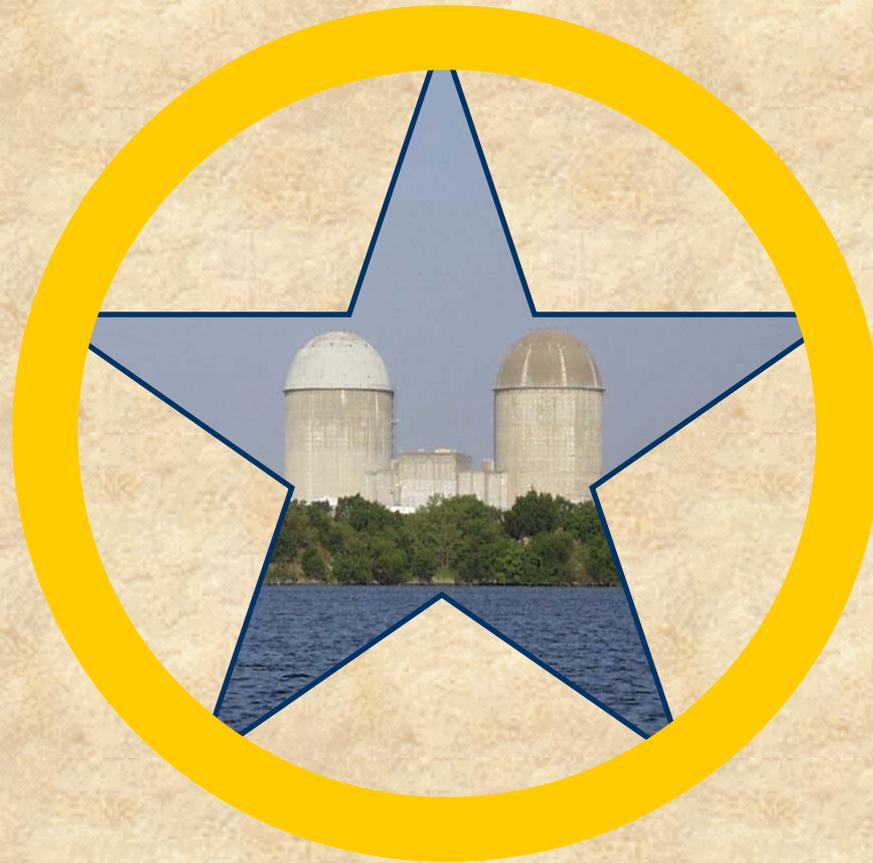
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Sr. Vice President & Principal Nuclear Officer - TXU Energy

Chairman - NEI Security Working Group

April 16, 2003

Nuclear Industry Security



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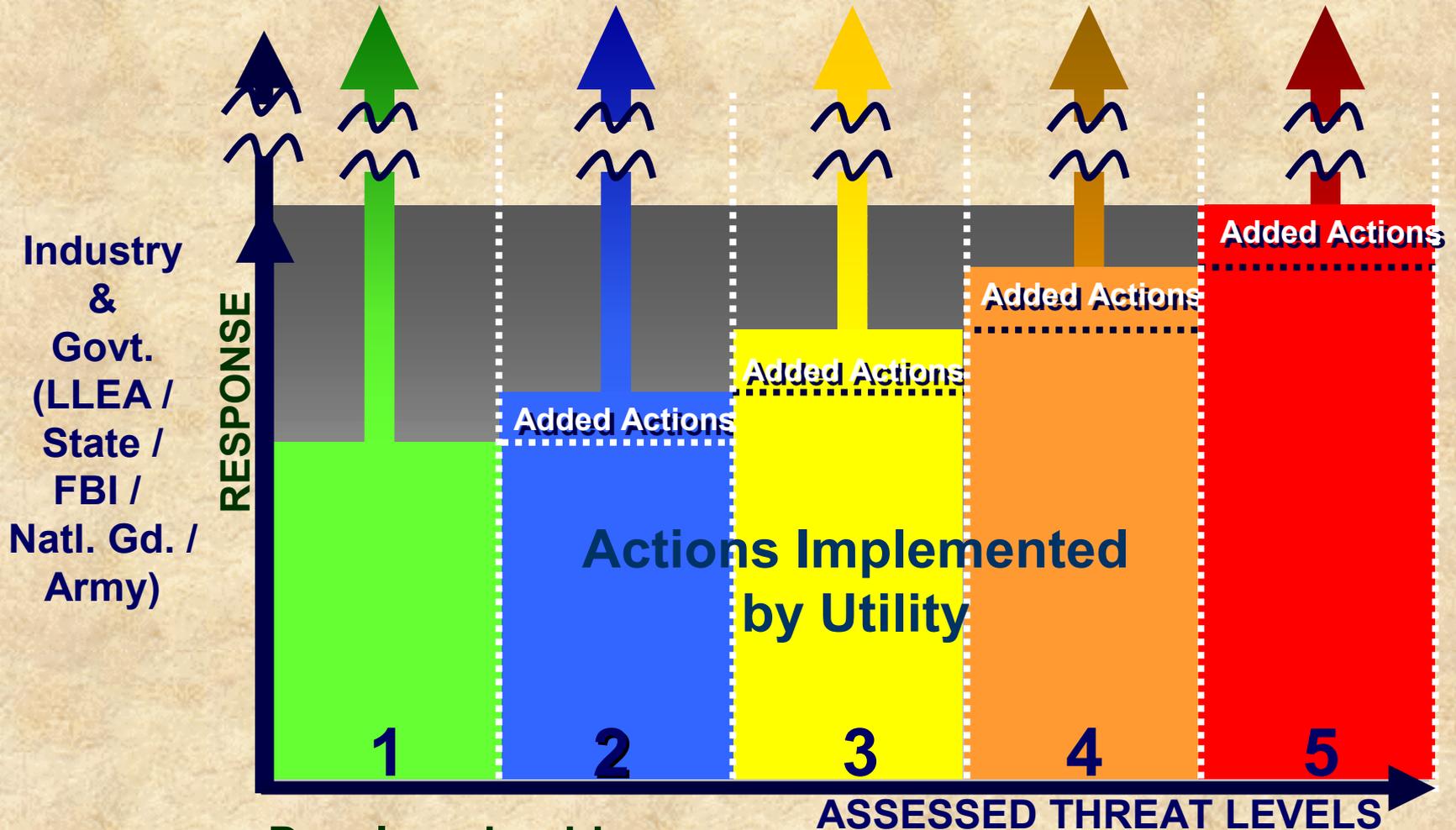
- Nuclear plants were secure before 9/11/01
- License requirement to design & protect against DBT
- Site specific, approved & tested Security Plan
- Most secure facilities in industrial infrastructure
- Robust structural plant designs
- Redundant equipment
- Physical security barriers
- Sophisticated detection & access control technology
- Highly trained, well-armed paramilitary force

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Improved Security

- **Nuclear plants are more secure today (post 9/11/01)**
- **Implemented Interim Compensatory Measures of February 25, 2002 Order**
- **More officers, extended perimeter**
- **Earlier surveillance of vehicles**
- **Improved interface - LLEA / State / Federal resources**
- **Force on Force testing against enhanced adversary characteristics**

Threat Response



- Developed guidance
- NRC recommendations for actions based on threat level
- Industry has effectively implemented

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Impact on Industry

- **Additional requirements**
- **Security staffing**
- **Capital expenses**
- **O & M expenses**
- **Challenges existing policy & law**

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Plant Security

- **Ongoing Compensatory Measures**
 - **Access Controls Order - January 7, 2003**
 - **Working hours**
 - **Training**
 - **Tabletop / Force on Force pilot exercises**
 - **Design Basis Threat**
- **Impact on Industry**

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Going Forward

- **Nuclear plants have been secure**
- **Nuclear plants are more secure today**
- **Time to evaluate effectiveness of actions taken & conduct infrastructure assessments**
- **Recognition that nuclear is only one part of the infrastructure**
- **Follow President's strategy on Homeland Security**
- **Identify role of private industry AND government in protecting infrastructure**
- **Identify basis for security requirements**
- **Return to regulatory process**

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The Appropriate Strategic Response



Coordinated Defensive Shield