



**FOOD SECURITY UPDATE:**  
**The Food Industry's Response to Ensuring**  
**Food Security and Safety**

**Rhona S. Applebaum, Ph.D.**  
**National Food Processors Association**

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# *Presentation Outline*

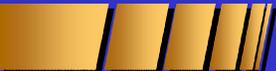
- I. Background
- II. Security Primer
- III. Food Security
- IV. Food Security vs. Food Safety
- V. NFPA's Goal/Actions/Strategies
- VI. Alliance for Food Security
- VII. Security "Tools"
- VIII. Next Steps
- IX. Summary



**September 11, 2001**

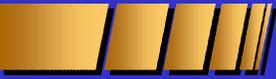
**“The Morning Without Reason”**

**Events of September 11 and beyond have focused  
attention on potential terrorist threats to our  
nation’s food supply.**



# *Consensus*

The potential for the food supply  
being a target or tool of terrorism  
can no longer be viewed in  
hypothetical terms.



*Prior to September 11, 2001...*

*The food industry has had a long history of dealing with threats*

- Intentional food tampering
- Inadvertent contaminants
- Foodborne disease outbreaks

**BUT...**

 *Now dealing with the unthinkable...*

**Widespread, intentional  
contamination of the food  
supply!**

# *Potential Outcomes*

- **Sickness**
- **Death**
- **Food production and delivery systems thrown into chaos**
- **International trade disruption**
- **Businesses impacted**
- **Companies destroyed**



The food industry takes the issue of  
terrorism and the food supply

- *Food Security* -

**VERY SERIOUSLY!**



*So what is Food Security?*



# *A Security Primer*

- The Basic 3 P's of Protection:
  - Personnel
  - Product
  - Property

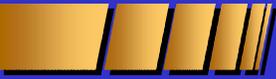


*Relationship between Security  
and Threats*

“Protect to Prevent”

# *So what is Food Security*

- Also focuses on the basic 3 P's of protection:
  - Personnel
  - Product
  - Property



# *Food Security*

- Protecting Personnel
- Protecting Product
- Protecting Property



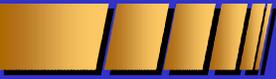
# *Food Security*

- Protecting Personnel
- Protecting Product
  - Food Safety
- Protecting Property

# *NFPA's Security Philosophy*

Food Security  $\neq$  Food Safety





# *Food Security vs Food Safety*

## *The Basics...*

- Not synonymous with food safety
  - Disciplines and their underpinnings are different
  - Expertise and experience are different
- Food security serves as the umbrella under which food safety operates

# *NFPA's Security Philosophy*

Food Security  $\neq$  Food Safety





# *Food Security vs Food Safety*

## *The Basics...(cont'd)*

- Basic distinction:
  - Food Security deals with intentional threats
  - Food safety deals with accidents
    - cross contamination, process failures

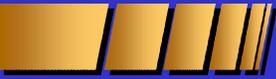


# *Food Security vs Food Safety*

## *The Basics...(cont'd)*

- Differentiation based upon:
  - the accidental vs the intentional;
  - the chance occurrence vs the diabolical intent
  - the unplanned vs the deliberate

These are immensely important distinctions to our industry—particularly as it relates to our management and prevention practices.

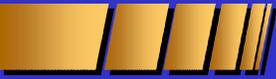


*So What is the Common Denominator  
Between Food Security and Food Safety*

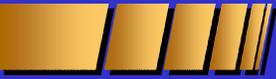
# *Prevention*

*The intentional threat (Food Security)*

*The accidental occurrence (Food Safety)*



**So What Was/Is The Food  
Industry's Response to  
Ensuring Food Security and  
Safety?**



## *NFPA's Goal*

- Assist the industry to organize/conduct appropriate tailored food security assessments.

# *NFPA Actions*

- September 12, 2001 -- conference call with our members and FDA
- Findings:
  - Need to assess/evaluate current practices
  - Identify weaknesses in current systems
  - Implement appropriate/effective controls

# *NFPA's Philosophy on Security*

Though security is critical to our business, it is also inconvenient. However, the inconvenience should not prevent us from doing our jobs.

Ensuring security should not result in business paralysis.

## *NFPA's Philosophy on Security (cont'd)*

Security is incremental in nature—

Even small gains in security awareness and practices contribute to the total security of a company/organization/nation.

# *Our Strategy on Food Security*

- Communication, Consultation, Coordination, Collaboration and Cooperation (5 C's)
- Provide members with information that they can adapt and utilize.
- Provide the food industry with information that each industry segment can adapt and utilize.

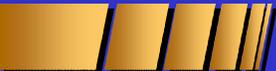


# *Alliance for Food Security*

- Organized within two weeks
- Food industry, government and others
- Proactively seek and share information
- More than 100 organizations



**Our goal in establishing the  
Alliance has been clear from the  
start...**



**To share any and all procedures, practices  
and tools among Alliance members, in  
order to prevent -- to the extent we can --  
threats from occurring to the safety of  
our nation's food supply.**



# *Security Assessment Guide and Checklist*

- The Threat Exposure Assessment and Management (TEAM) Process
- “Security Checklist of Questions”

**Together, these two documents can be used by every segment of the food chain to ensure the necessary security steps and controls are in place.**

# *Next Steps...*

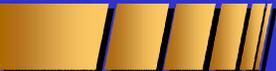
- Identifying potential contaminants/agents—risk assessments
- What's credible
- Research Roadmap
  - Who's doing what
  - What's missing (research gaps)
  - Tools to identify/control
- Training
  - Guidance document/Manual
  - “Exposure Assessment Critical Prevention Points” (EACPP)

# *Summary*

- NFPA and the Alliance for Food Security is working to effectively enhance and augment our food security systems.
  - Sharing information
  - Establishing key contacts
  - Enhancing the 5 C's among all stakeholders

# *Summary*

- Communications -- the goal of NFPA and the Alliance is to raise awareness of the food security issue, but not heighten consumer anxieties
  - Media
  - Government (ensure effectiveness)



# We all need to continue to work together!

(Government, Academia, Public Health,  
Industry, Media, Consumers, Others)

