Safety-Security
Risk-Informed Decision-Making

Perspectives of a
Probabilistic Risk Analyst

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United States Nuclear Regulatory Commission
Protecting People and the Environment
Institute of Nuclear Materials Management
Fundamentally Same Goal

Protect Public Safety

Details/Objectives of Achieving that Goal Can Differ

Are Layers of Defense and Defense-in-Depth the same thing?

* Prevention and Mitigation
* Redundancy and Diversity
What’s the Problem?

Sometimes they work in concert

- Security strategies that support plant safety – and vice versa – and thus public safety

Sometimes they work in conflict

- Security strategies that negatively impact plant safety – and vice versa – and thus negatively impact public safety

How do these similar, but different aspects play out?
Communicate

Need to Build Relationships
* Strive to include and understand each other

Need to Share Information and Needs
* We are one team
* Striving for a common goal
* We can help each other
* We need help from each other

Need to Breakdown Communication/Philosophical Barriers