

Cyber Security

Jim Wiggins

Director

Office of Nuclear Security and Incident Response (NSIR)

NRC Cyber Security

- Cyber security is not a goal that can be reached, it is a process and an attitude
- All trust is limited and must be continuously re-verified
- A holistic approach to security must fully integrate physical and cyber
- As engineers we understand failure – when dealing with cyber security we must also understand compromise

NRC Cyber Security (continued)

- Interagency
 - FERC, NERC, DoE, and DHS
- Phased implementation (interim milestones)
 - Get the most important stuff done first
- Digital upgrades
 - Trends from analog to digital and its implications
- Dynamic threat environments
 - Managing the risk
- Multi-dimensional considerations (other NRC programs under Parts 26, 50, and 70)