

# Cyber Security and Nuclear Power

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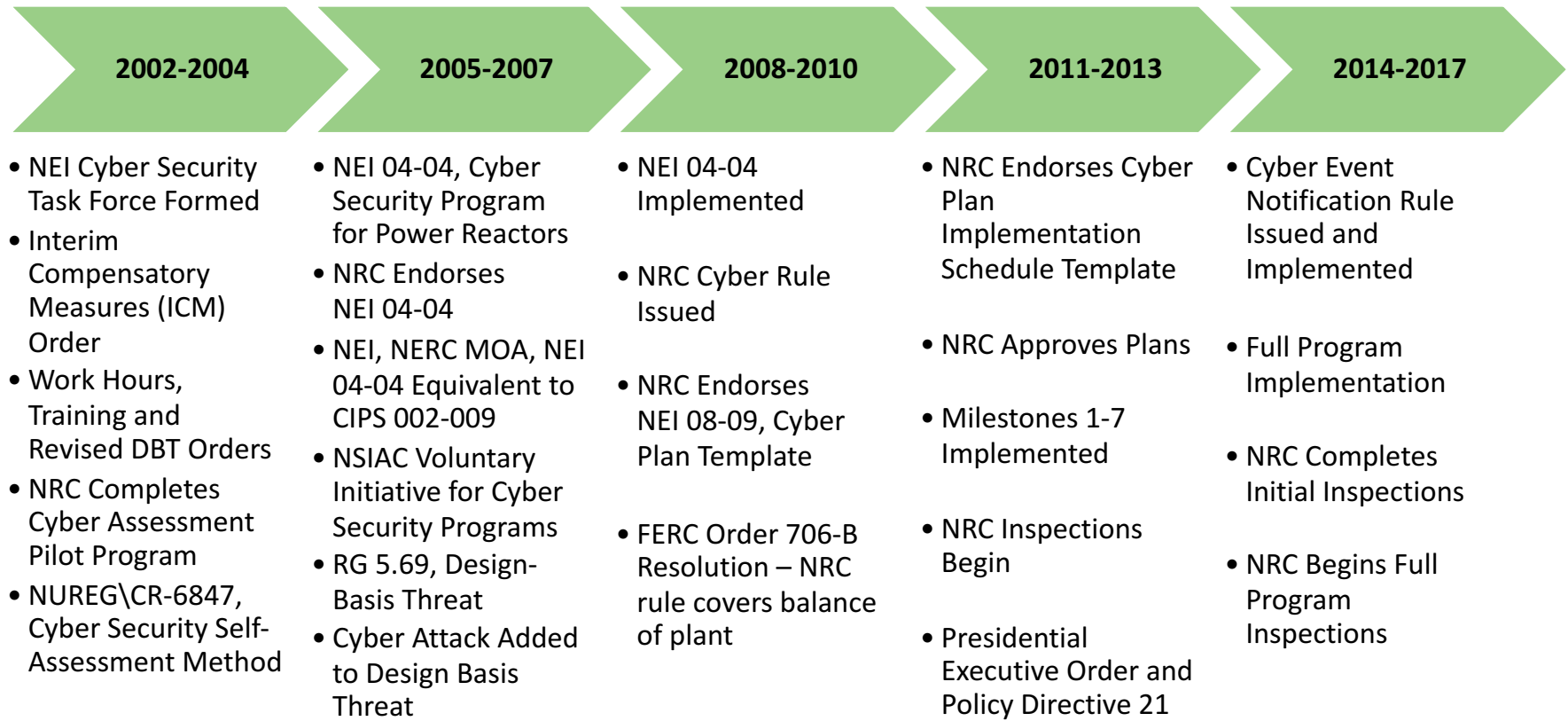
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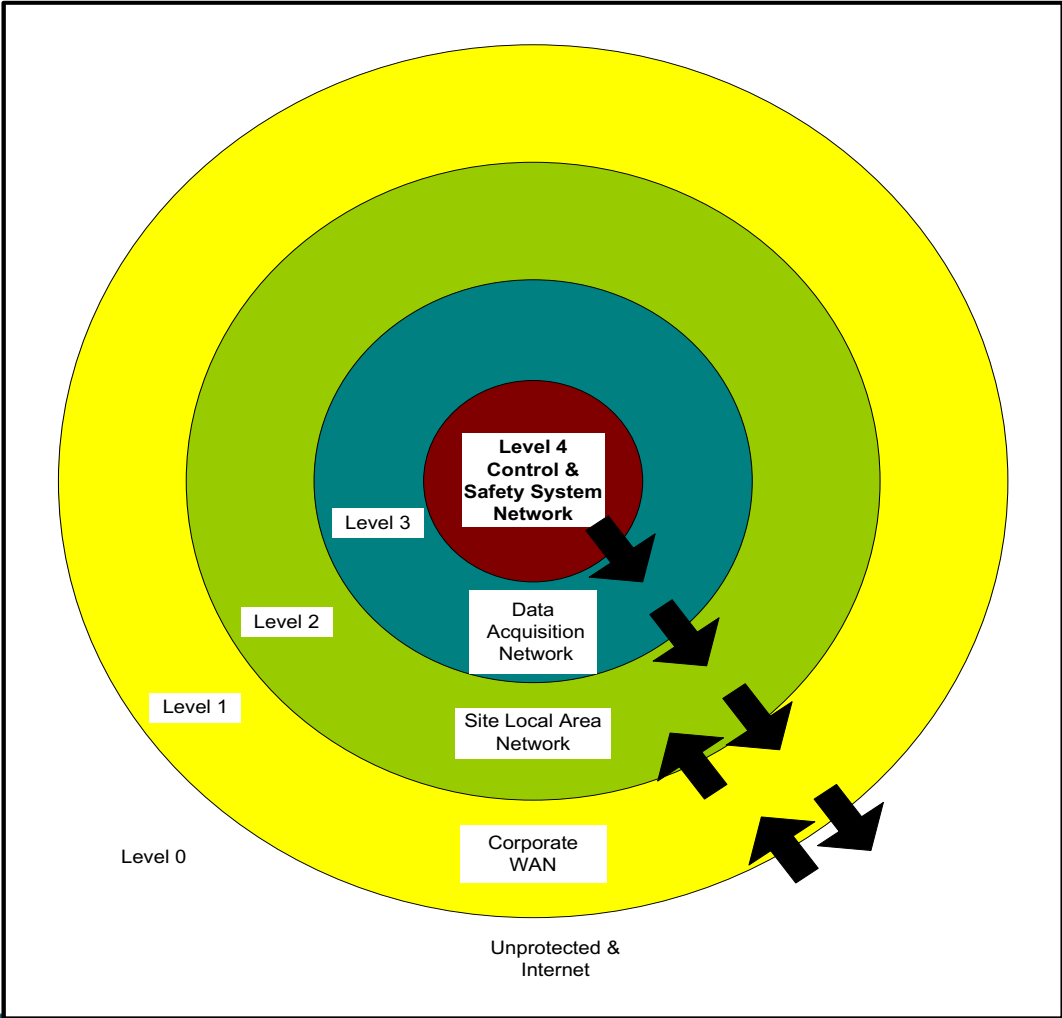
# Why Nuclear Cyber Security?

- Cyber security is a matter of great national importance
- There are significant national security issues
- Nuclear has a role in ensuring radiological safety, security and in electric grid reliability
- Our sector has a tremendous history of addressing cyber security

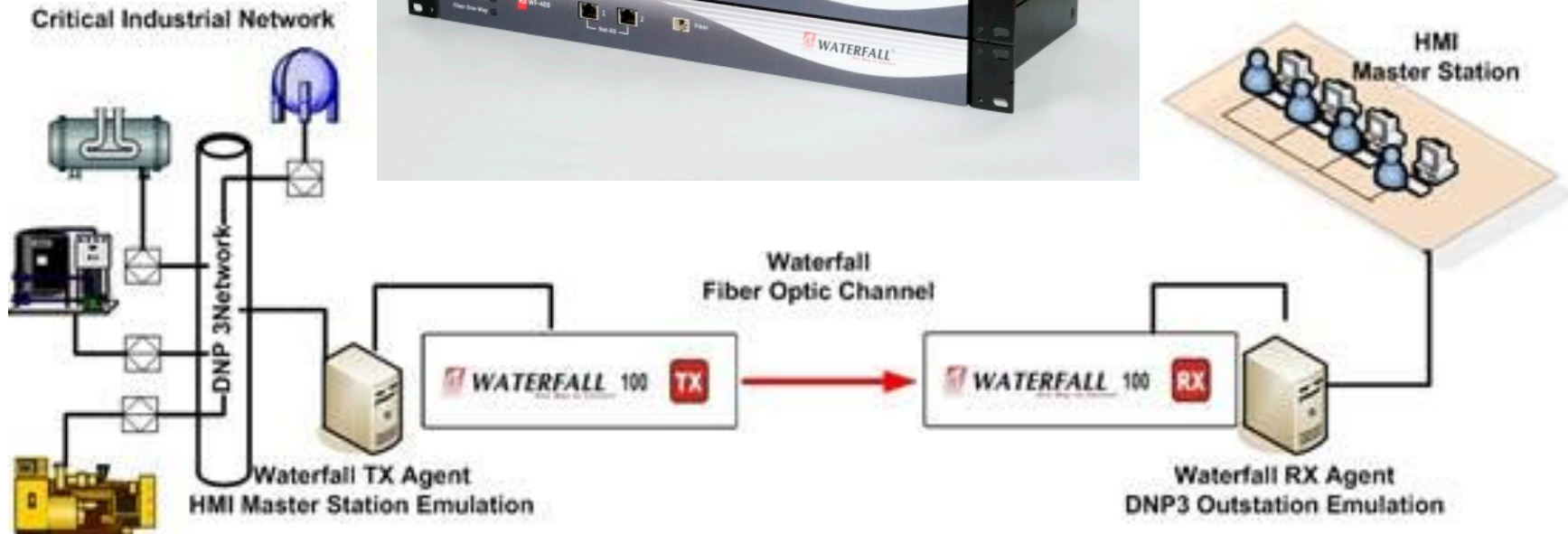
# History of Addressing the Cyber Threat



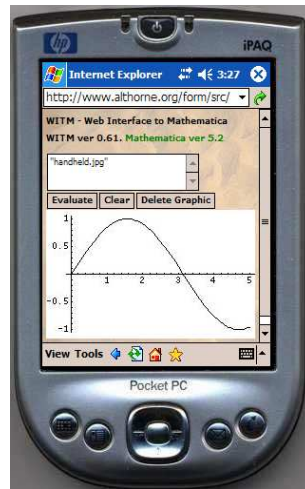
# Defense-in-Depth Model



# Prevent External Network Access



# Control Portable Media



# How are we doing?

“Nuclear power reactors have comprehensive safeguards that protect control system safety and security and prevent the misuse of portable media and portable equipment from circumventing these protections.”

DHS Office of Cyber and Infrastructure  
Analysis Report, October 2015

**Thank you**

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