Implementing the Safety/Security Interface
Operational and Policy Perspectives

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Overview

• The Commission established regulatory requirements for Safety/Security interface in Title 10 Code of Federal Regulations Part 73.58 (10 CFR 73.58).

• Guidance for this new requirement is published as Regulatory Guide 5.74, “Managing the Safety/Security Interface.”
Key Messages

• Safety and Security are equally important for assuring protection of public health and safety and the environment at Nuclear Power Plants.

• The safety/security interface is a relatively straightforward and easily understood concept.

• Although conceptually simple, implementing an effective and robust safety/security interface requires effective planning and communication at all organization levels among several site programs; such as operations, security maintenance, and emergency response.
Key Messages (concluded)

• Ineffective management of a safety/security interface could potentially result in delays of scheduled activities, unintended security vulnerabilities, or unintended impacts to safety systems and emergency response activities.
Examples

• Physical protection must take account of safety requirements such as accessibility to equipment for the purpose of in-service monitoring and maintenance, together with requirements relative to safety in the workplace or to the effectiveness of operation, aimed at facilitating the evacuation of or access to site areas in the event of an security incident or radiological accident.
Examples (continued)

• Access and operations by emergency teams (firefighting, etc,) must not be impeded unnecessarily for safety reasons, but access to certain areas of the plant must be continuously controlled.
Examples (concluded)

• Operational upgrades and maintenance activities for digital systems are facilitated by easily accessing the individual digital controllers or System Control & Data Acquisition systems with portable computers or portable media. When safety systems are involved, physical security and access control must be maintained to avoid the introduction of malware into safety systems, security systems or systems that could impact emergency response.
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