*United States Department of Energy*
*National Nuclear Security Administration*
**International Nuclear Security (INS)**

## US Experience on Management of the Interface between Safety and Security for Research Reactors

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# Current

o No specific requirement to address Safety/Security Interface for Research Reactors, unlike nuclear power plants

o However, site-specific security measures developed for the medical isotope production facilities included a measure requiring licensees to analyze and identify site-specific conditions that may affect the specific measures needed to implement physical protection requirements

o No specific element of the inspection program to look at this, but NRC can bring it to the licensee's attention and could result in a deviation, noncompliance, and/or potential violation if one thing affects the ability of another thing to perform its function

o It has been observed that a few facilities consider this interface under different names/processes

o In a larger facilities, an example would be a change management program that involve review and sign-offs by the various principles – reactor manager, security manager, health physics – or reactor safety committee/subcommittees that are comprised of a group that spans those disciplines

o New rulemaking under consideration could introduce such a requirement

# Some Examples

o Number of exits/entrances to secure areas

o Safety/security modifications impact other discipline

o Access by emergency response organizations

o Information sharing

o Need for safety/security approval prior to access

o Insider threat issues

o Two-person rule vs. ALARA

o Material transfers – safety vs. security

Questions