

# CPPNM & Amendment Article 2A: U.S. Nuclear Industry

March 12, 2024



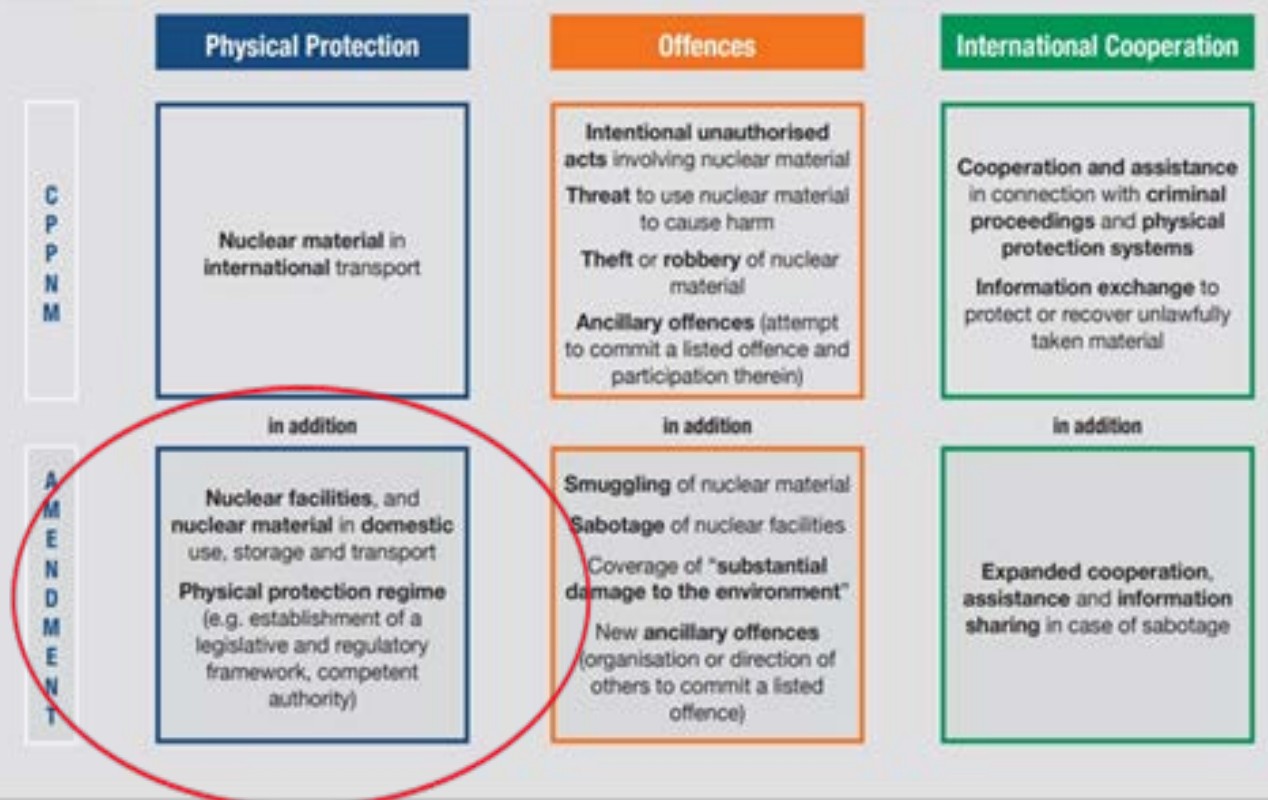


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# The Convention on the Physical Protection of Nuclear Material (CPPNM) and its Amendment



# *Amendment to the Convention - 2A Principles*

## *Regulatory Framework & Competent Authority*

- Atomic Energy Act that originated in 1954 and amended since, establishes the policy and regulatory framework similar and consistent with the CPPNM
- The Act designated the U.S. Nuclear Regulatory Commission (NRC) as the competent authority
- The NRC ensures safeguards and security by regulating licensees' (a) accounting systems for special nuclear and source materials and (b) security programs and contingency plans
- ***NRC regulations are consistent with the CPPNM and its Amendment***

# 2A Principles, cont'd.

## ***Responsibilities of Licensees:***

- Adhere to the NRC's regulations
- NEI assists industry with consistent implementation of the requirements: guidance documents, working groups, conferences, and training

## ***Security Culture:***

- Cohesiveness of industry
- NEI Committees, Working Groups, Task Forces

## ***Threat:***

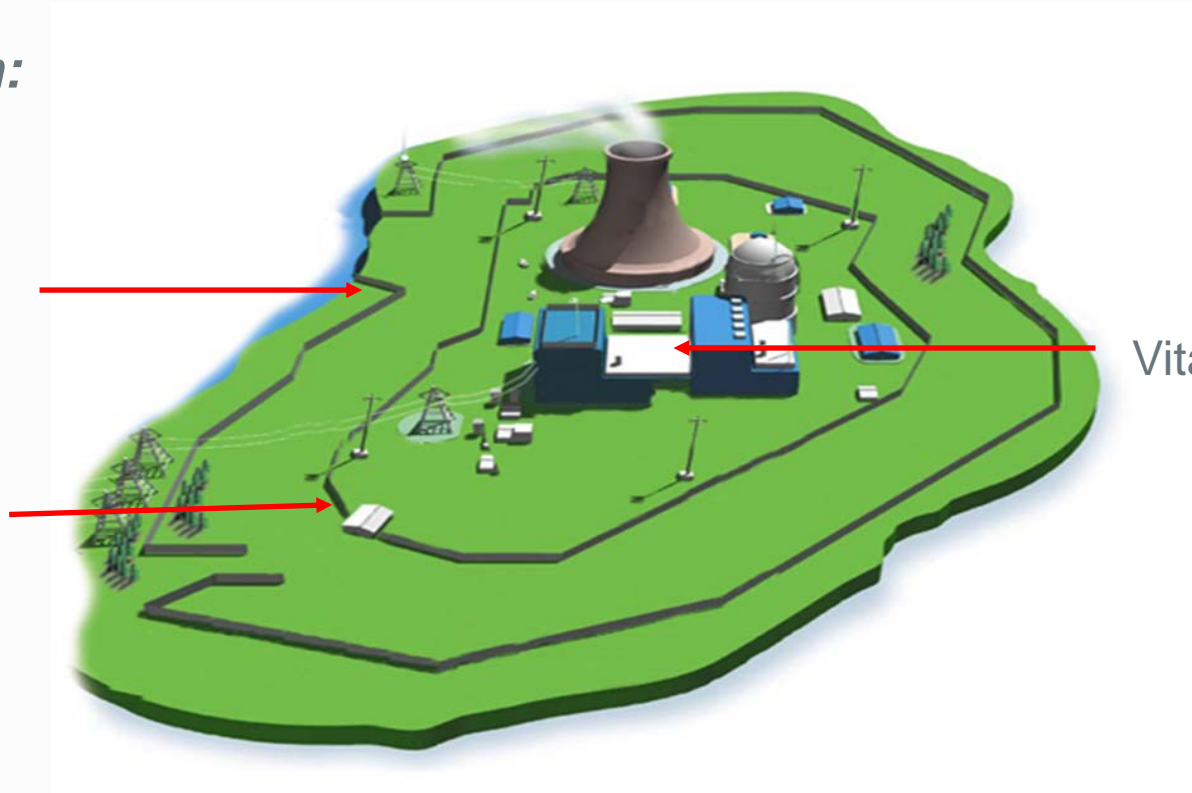
- Evaluation of the threat is accomplished multiple ways:
  - NRC's Threat Assessment Program
  - NEI's coordination with Federal intelligence agencies

# 2A Principles, cont'd.

## Defense in Depth:

Exclusion Area

Protected Area



Vital Area

## 2A Principles, cont'd.

### ***Quality Assurance:***

- NRC inspection regime assures adherence to physical security requirements

### ***Contingency Plans:***

- Armed response capability
- Evaluated every three years – Force on Force exercises
- Agreements with local law enforcements

### ***Confidentiality:***

- Classified Information
- Safeguards Information (SGI)
- Sensitive Unclassified Non-Safeguards Information (SUNSI)

# Questions & Discussion

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