



Decommissioning Physical Security Licensing

Vince Williams
USNRC

Agenda

- Recent Decommission Facilities
- Physical Security Decommission Licensing Actions
- Lessons Learned from previous submittals
- Physical Security Review Process



Recently Decommissioned Facilities

2013

Kewaunee, Crystal River, San Onofre
Nuclear Generating Station

2015

Vermont Yankee

Announced Sites for Decommissioning

2016

Fort Calhoun

2017

Clinton

2018

Quad Cities

Announced Sites for Decommissioning

2019

Pilgrim

Oyster Creek

Licensing Actions

- The use of a Certified Fuel Handler
(10 CFR 73.55(p))
- EA-02-026, “Interim Compensatory Measures Order,” issued February 25, 2002

10 CFR 73.5

The Commission may, upon application of any interested person or upon its own initiative, grant such exemptions from the requirements of the regulations in this part as it determines are authorized by law and will not endanger life or property or the common defense and security, and are otherwise in the public interest.

10 CFR 73.55 (r)

The Commission may authorize an applicant or licensee to provide a measure for protection against radiological sabotage other than one required by this section if the applicant or licensee demonstrates that:

(i) The measure meets the same performance objectives and requirements specified in paragraph (b) of this section

10 CFR 73.55 (r)

(2) The licensee shall submit proposed alternative measure(s) to the Commission for review and approval in accordance with § § 50.4 and 50.90 of this chapter before implementation.

10 CFR 73.55 (r)

(3) In addition to fully describing the desired changes, the licensee shall submit a technical basis for each proposed alternative measure. The basis must include an analysis or assessment that demonstrates how the proposed alternative measure provides a level of protection that is at least equal to that which would otherwise be provided by the specific requirement of this section.

10 CFR 73.5 and 10 CFR 73.55(r)

- Licensee Annual Force-On-Force Exercise
- NRC triennial exercises
- CAS/SAS in a single location
- 10 CFR 73.55(j)(4)(ii)

Plan Submittals

- 10 CFR 50.54(p)
- 10 CFR 50.90

Physical Security Plan changes

- Reconfiguration of backup power
- # of Armed Responders and Armed Security Officers
- Reduction of vital areas
- Unattended Openings

Review Process for Physical Security

- Regulatory Requirements
- Order Requirements
- SRP 13.6.1
- LIC 0800 – (NSIR Internal Procedure)
- NEI 11-08, “Security Plan Changes”
(ML12216A194)
- NSIR/DSP-ISG-03 (ML15106A737)

Review Process for Physical Security Program

- Communication
- Demonstrate safeguards effectiveness through the descriptions provided in the NEI 11-08 process
- Alignment of activities with physical security plan descriptions