

**PUBLIC CONFIDENCE AND
FORCE-ON-FORCE INSPECTIONS**

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March 13, 2014

Introduction

- At the 2010 RIC, UCS gave a presentation on force-on-force inspections and public confidence
 - UCS could give virtually the same presentation today, since our message is not being heard
- The proposed revision to the effective FOF inspection regime appears to be a significant weakening of the program and will undermine public confidence
- As the Nuclear Security Summit approaches, any reduction in security oversight would send the wrong signal to the rest of the world

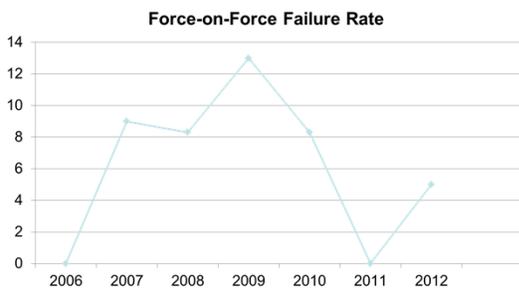
**FOF Inspections and
Public Confidence**

- Unlike safety inspections, there is little public information about the results of security inspections
 - Inspection report cover letters and color findings (either green or “greater than green”)
 - Annual compilation of security inspection findings
- In order for the public to have confidence in nuclear plant protection, there must be high confidence in the process for security oversight

Importance of FOF Inspections

- Force-on-force inspections assess the ability of power reactor facilities to defend against the DBT for radiological sabotage and provide valuable insights that enable the NRC to evaluate the effectiveness of licensee security programs. **They are an essential part of the oversight of the security of these facilities.** – “Protecting Our Nation,” U.S. NRC, October 2013.

US NRC FOF Results



Importance of NRC Control

- “It is important to emphasize that the NRC designs, runs, and evaluates the force-on-force inspections. The mock adversary force does not establish the inspection’s objectives, boundaries, or timelines.”-- Protecting Our Nation,” U.S. NRC, October 2013.

The Incredible Shrinking FOF Inspection

- 4 FOF drills: OSRE
- 3 FOF drills: post-9/11
- 2 FOF drills: pilot program
- 1 FOF drill: NRC staff proposal
... and then there were none?
- If the number of drills is reduced to one, that one will have to be the most challenging scenario that can be devised, utilizing the full set of DBT adversary characteristics; and licensees should be unable to challenge the NRC's findings

Self-Regulation Redux

- In the 1990s, faced with the embarrassing 50% failure results of the OSRE program, the industry proposed replacing NRC-run FOF exercises (which were not explicitly required by regulation) with a licensee-run self-assessment program
 - 9/11 put an end to that effort
- This apparently still remains a major objective of the industry, even though FOF inspections are now required by law
- The NRC should continue to reject this approach: licensee-run dog-and-pony shows cannot provide the same degree of assurance and public confidence as NRC-run FOF inspections

2012 FOF SDP

- The 2012 FOF SDP was an overall improvement over the previous one
- Represented a compromise: Consideration of marginal exercises in exchange for consideration of licensee programs
- Why abandon the SDP after less than two years?

Lessons from NNSA Contractor Self-Regulation

- DOE Inspector General Report, DOE/IG-0881, Feb. 2013:
 - Contractor self-assessments were not effective in identifying safety weaknesses subsequently identified by independent reviews.
 - Y-12's contractor assurance system failed to identify and correct early indicators of multiple system breakdowns that contributed to a major security breach at that nuclear weapons facility.

Commission-Directed Review

- UCS is very concerned about the tone of the review that was ordered by the Commission in SRM-COMGEA/COMWCO-14-0001
 - Most troubling is the implicit questioning of the policy of requiring immediate compensatory measures to remedy security deficiencies uncovered during inspections

“Protecting our Nation?”

- “Any potentially significant findings identified during a force-on-force inspection are promptly reviewed, addressed, and corrected before the NRC inspectors leave the plant.” – U.S. NRC, Protecting Our Nation, October 2013.
- Consider the impact on public confidence if the NRC is no longer able to make this statement when confronted with questions about FOF failures!
