



U.S. Nuclear Regulatory Commission
**34th ANNUAL REGULATORY
INFORMATION CONFERENCE**

MARCH 8-10, 2022

PREPARING FOR
TOMORROW

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Security Cornerstone: Adequate Protection Now and in the Future



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Overview

- Introductions
- Opening Remarks
- Security Inspection Program Now—Ensuring Adequate Protection
- Security Inspection Program—Ensuring Adequate Protection for Future Commercial Reactors



Introductions

- Samuel Lee: Director, Division of Security Operations
- Scot Sullivan: Senior Security Specialist, Security Oversight and Support Branch
- Jefferson Clark: Branch Chief, Security Performance Evaluation Branch
- William Gross: Director, Incident Preparedness, Nuclear Energy Institute
- Douglas Osborn: Distinguished Member of the Technical Staff, Sandia National Laboratories



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Opening Remarks

- Purpose: To provide perspectives from NRC, industry, and national laboratory representatives on physical security program initiatives and their impact on the future of operating reactor security programs.



Security Inspection Program Now—Ensuring Adequate Protection

- Security baseline inspections during the COVID-19 public health emergency
 - Used remote inspection techniques
 - Allowed the use of flexible approaches during licensee-conducted force-on-force drills and exercises



Security Inspection Program Now—Ensuring Adequate Protection (cont.)

- Force-on-force inspection program during the COVID-19 public health emergency
 - Adapted the program to support two different inspection formats depending on COVID-19 conditions
 - Used smaller scale drills and exercises as appropriate to assess licensee protective strategy capabilities



Security Inspection Program Now—Ensuring Adequate Protection (cont.)

- Reasonable Assurance of Protection Time (RAPT)
 - Reflects the staff's determination that a licensee's current physical protection program meets the general performance objective of 10 CFR 73.55(b) when that program is capable of independently defending against the design-basis threat for a period of at least 8 hours



Security Inspection Program—Ensuring Adequate Protection for Future Commercial Reactors

- New reactors under construction
 - Comprehensive inspections before commercial operation
 - Inspections, tests, analyses, and acceptance criteria (ITAAC)
 - Preoperational security inspection program



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