

Office of Enforcement Program Update

Kevin Dressman
Director
Office of Enforcement

October 8, 2019

Enforcement Program Update

- Office of Enforcement Leadership and Staff
- Enhancing the effectiveness of the Safety and Security Enforcement Program
- Focus Areas
- FY2020 Operational Plan

Office of Enforcement

EA-10

Kevin L. Dressman
Director

Deputy Director
Vacant

EA-11

Office of Worker Safety and Health Enforcement

Vacant, Director

EA-12

Office of Nuclear Safety Enforcement

Vacant, Director

EA-13

Office of Security Enforcement

Carrienne J. Zimmerman, Director

- Annette Bright
- Jason Capriotti
- Larry Denicola
- Shannon Lindey
- Vacant
- Vacant
- Vacant

- Lisa German*
- Aixa Belen-Ojeda
- Jacob Miller
- Eric Ruesch

- Annie Brady*
- Sheila Brumage*
- Charles Isreal
- Lin Livingston**
- Karen Sims

* Denotes Contractor Support ** Denotes Remote Contractor Support – Part-Time Red Denotes Administrative Support

Enhancing Enforcement Program Effectiveness

Actions Underway

- DOE internal coordination
- Decision to investigate timing
- Civil penalties – application, escalation, and mitigation
- Sources of noncompliance information

Enhancing Enforcement Program Effectiveness *Actions Planned for FY2020*

- Regulatory Program Assistance Reviews
- Unclassified Sensitive Information regulatory requirements
- Other Atomic Energy Act authorities



Other Enforcement Program Enhancements *In Progress*

- Complete review and update of the *Enforcement Coordinator Handbook*
- Establishing internal processes to support timely, consistent and informed decisions
- Collaboration with the National Training Center:
 - Integrating lessons learned into NTC training
 - Enforcement e-Learning module

Focus Areas

- Increased Communication and Collaboration
 - Contractor Organizations
 - EFCOG (Nuclear Safety, Quality Assurance, Enforcement, Security)
 - DOE Organizations
 - Field Elements
 - Headquarters Program Offices
 - AU safety and security policy offices
 - SME communities of practice
 - Office of General Counsel
 - Office of Acquisition Management
 - Office of the Inspector General
 - Consensus Bodies
 - ASME NQA-1, NFPA, ANSI

Office of Enforcement FY2020 Operational Plan

- Conduct 2020 Enforcement Workshop
- Improve timeliness of the enforcement process
- Distribute key lessons learned
- Conduct outreach visits to obtain feedback on the enforcement program
- Review and update the *Enforcement Process Overview*
- Perform three Regulatory Program Assistance Reviews



Worker Safety and Health Enforcement Program Update

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Worker Safety and Health Enforcement Activities

Contractor – Location	Event	Outcome
National Technology and Engineering Solutions of Sandia, LLC (NTESS) and two subcontractors – Sandia National Laboratories	Electrical Safety Events	PNOV 2 ELs
Nuclear Waste Partnership, LLC (NWP) – Waste Isolation Pilot Plant	Industrial Hygiene Issues	NOI
Triad National Security, LLC (Triad)- Los Alamos National Laboratory	Injury	NOI
Jefferson Science Associates, LLC - Thomas Jefferson National Accelerator Facility	Electrical Shock	NOI
Consolidated Nuclear Security, LLC (CNS) - Y-12 National Security Complex	Injury	NOI

National Technology and Engineering Solutions of Sandia, LLC (NTESS) and two Subcontractors – Sandia National Laboratories

- Three electrical safety events
- Outcomes
 - Preliminary Notice of Violation - NTESS
 - Enforcement Letters related to one of the events issued to two NTESS subcontractors

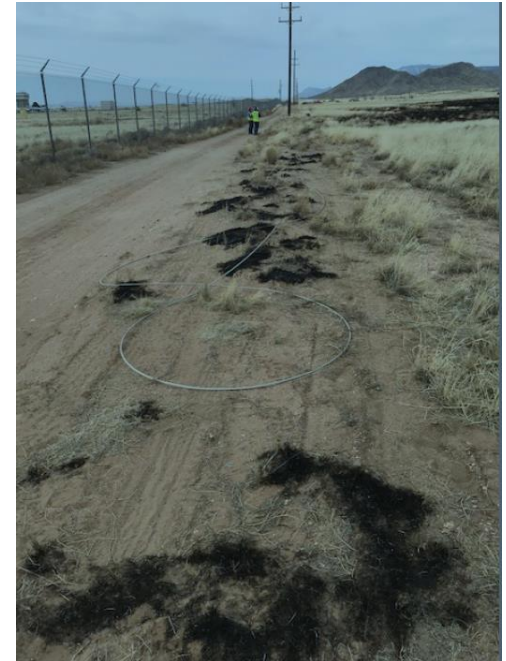


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NTESS – Sandia National Laboratories Coyote Test Field

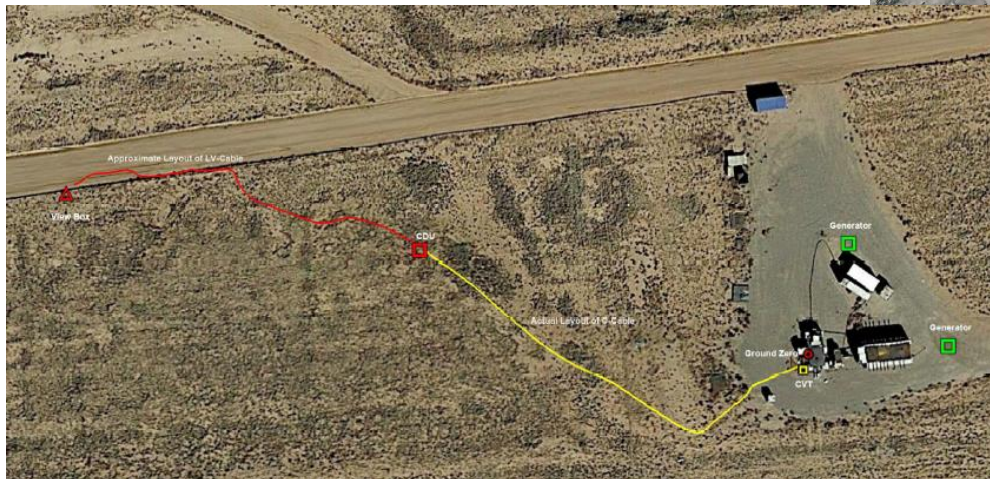
- High voltage line electrical arc resulting in fire





NTESS – Sandia National Laboratories Thunder Range

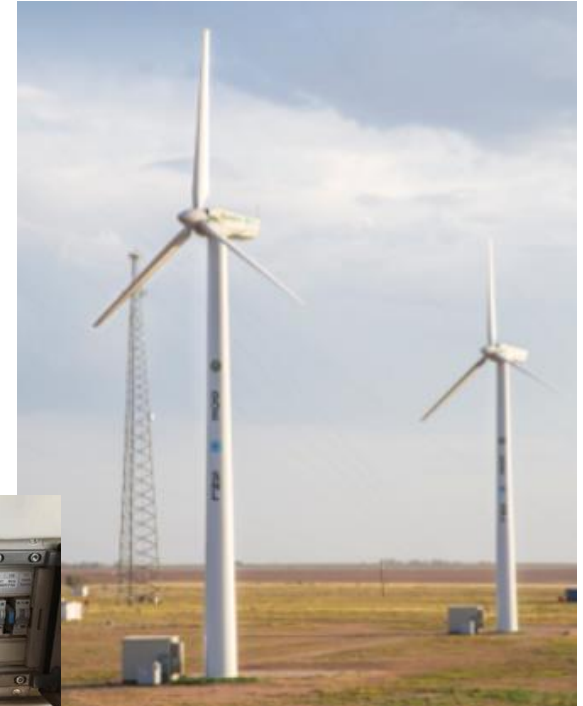
- Electrical shock





NTESS – Sandia National Laboratories Scaled Wind Farm Technology (SWiFT) Site

- Electrical shock
- Lubbock, TX





NTESS – Sandia National Laboratories SWiFT

- Advisory Note
 - Site not listed in NTESS
WSHP





NWP - Waste Isolation Pilot Plant

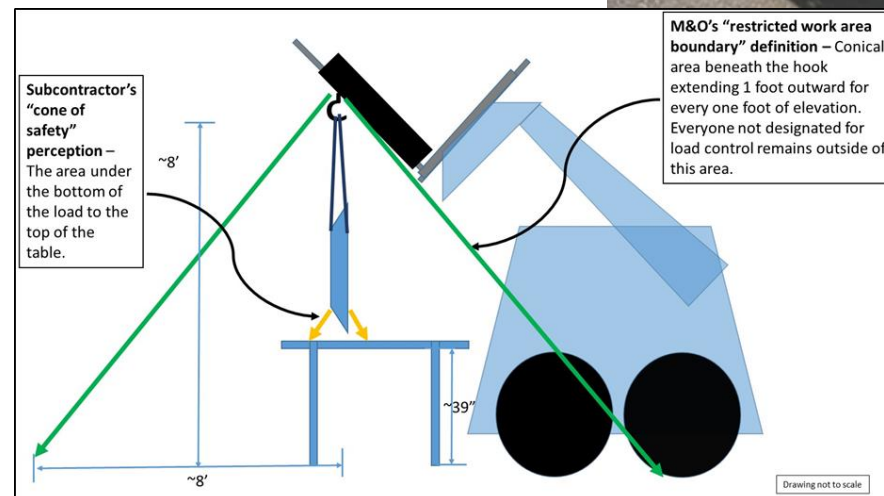
- Industrial hygiene program
 - Worker exposures
 - CCl_4 , NO_2 , SO_2 , Heat Stress
- Investigation in progress





Triad - Los Alamos National Laboratory

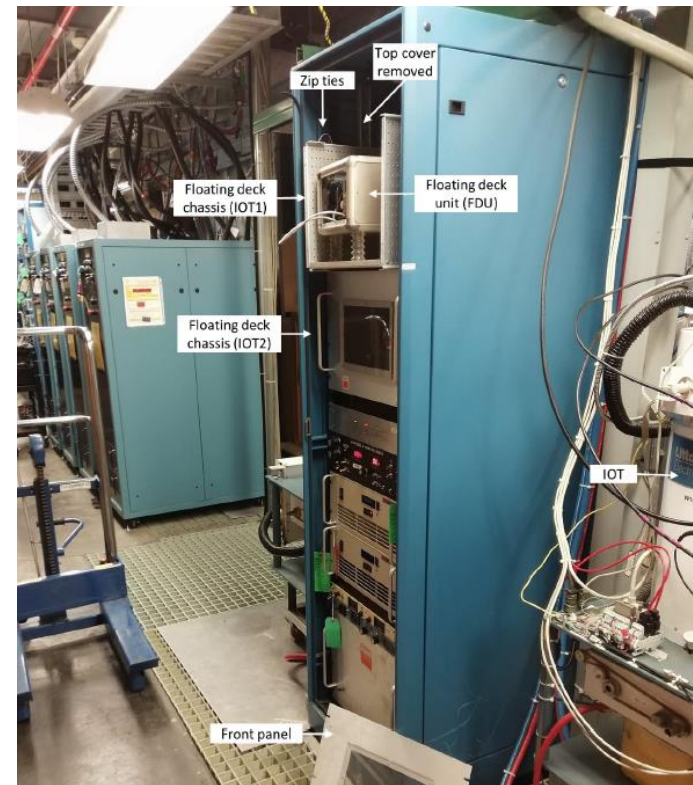
- Significant subcontractor worker injury
- Investigation in progress





Jefferson Science Associates, LLC - TJLab

- Hazardous energy control program and two events involving the absence of hazardous energy controls
- Investigation in progress



Consolidated Nuclear Security, LLC (CNS) - Y-12

- Machine guarding and hazardous energy control programs
 - Finger amputation
- Investigation in progress



Other

- Electrical Safety and Hazardous Energy Control Programs
- Medical Emergency Preparedness and Response
- Hierarchy of Controls
- Training and Information
- 10 CFR Part 851 Technical Amendment



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Nuclear Safety Enforcement Program Update

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Case Status - Summary

Contractor	Issue	Status
Fluor-BWXT Portsmouth, LLC	Radiation protection program implementation deficiencies at the Portsmouth Gaseous Diffusion Plant	<i>Notice of Intent</i> - August 2019 <i>Onsite Investigation</i> - September 2019
Fluor Idaho, LLC	Drum over-pressurization event and response at the Idaho Cleanup Project	<i>Notice of Intent</i> - March 2019 <i>Onsite Investigation</i> - June 2019
Consolidated Nuclear Security (CNS)	Nuclear Criticality Control Weaknesses at Y-12	<i>Notice of Intent</i> - November 2018 <i>Onsite Investigation</i> - January 2019 <i>Enforcement Conference</i> - July 2019



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ARP V Drum





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ARP V - Ceiling





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Y12 - Sand Separator





Y12 - Holden Gas Furnace





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Y12 – Furnace Bowl



Other Activities

- Fact Finding Visit
 - Los Alamos National Laboratory - September 2019
 - Criticality Safety Program Implementation

Top Five Nuclear Safety Concerns

- Contractor Weaknesses in:
 - Adequately assessing hazards
 - Adequately assessing the cause of problems
 - Effectively preventing recurrence
 - Effectively conducting independent assessments
 - Adequately controlling safety software



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Topics of Enforcement Interest (aka Q&A Session)