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Industrial Hygiene/Occupational Safety Special Interest Group Steering Committee Conference Call

**Biosafety- A Regulatory Primer for DOE/NNSA
Sites**

Presented by: Dina Siegel

May 16, 2017

BIOLOGICAL SAFETY OVERVIEW

Objectives of a biological safety program:

- ensure that work with biological materials is conducted in compliance with applicable biosafety standards, and
- ensure protection of workers, facilities, the public, and the environment.

KEY DRIVERS

Biosafety Standards

- **10 CFR 851 *Worker Safety and Health Program***
- **42 CFR 73, *Public Health, Select Agents and Toxins* / 7 CFR 331, *Agriculture, Possession, Use, and Transfer of Select Agents and Toxins* and 9 CFR 121, *Animals and Animal Products, Possession, Use, and Transfer of Select Agents and Toxins***
- **29 CFR 1910.1030, *Occupational Safety and Health Standards, Bloodborne pathogens***
- **7 CFR 330, *Agriculture, Federal Plant Pest Regulations; General; Plant Pests; Soil, Stone, and Quarry Products; Garbage***
- **9 CFR 92, 94, 95, 96, 122, and 130, *Animals and Animal Products***
- **29 CFR 1904.8, *Labor, Recording and Reporting Occupational Injuries and Illnesses, Recording criteria for needlestick and sharps injuries***

KEY DRIVERS

Biosafety Standards

- 42 CFR 71, *Public Health, Foreign Quarantine*
- 49 CFR 171 and 173, *Transportation*
- **Biosafety in Microbiological and Biomedical Laboratories, Fifth edition, Centers for Disease Control and National Institutes of Health**
- **Guidelines for Research Involving Recombinant DNA Molecules, National Institutes of Health, Federal Register**
- **United States Government Policy for Institutional Oversight of Life Sciences Dual Use Research of Concern**
- **DOE O 151.1D Comprehensive Emergency Management System**

Regulatory Reminders Discussion

- Bloodborne Pathogens, 29 CFR 1910.1030
- Research of Concern/Dual Use Research of Concern
- Biological Select Agents and Toxins
- DOE 151.1D, Comprehensive Emergency Management System: Hazardous Biological Agents and Toxins
- Institutional Biosafety Committee