

Enhancing the Security of Dangerous Pathogens

Cooperative Monitoring Center (CMC), Sandia National Laboratories
Albuquerque, New Mexico, USA
October 15-18, 2000

I. Sunday, 15 October

1800-2000 Opening Dinner and Reception at Sheraton Albuquerque Uptown

Introductory Comments. Moderator: Reynolds Salerno, CMC

- ◆ Sandia National Laboratories Welcome: “Expectations and Goals of the Workshop”: Dori Ellis (10 min)
- ◆ U.S. Department of Defense Welcome: “Importance of Safeguarding Dangerous Pathogens: U.S.-Russia/NIS Partnerships”: Andrew Weber (20 min)
- ◆ U.S. Department of State Welcome: Elizabeth Scharl (5 min)
- ◆ Russian Ministry of Health: Yury Fedorov (10 min)
- ◆ State Research Center of Virology and Biotechnology: Serguei Netessov (5 min)
- ◆ State Research Center for Applied Microbiology: Nikolai Staritsin (5 min)
- ◆ U.S. Department of Agriculture: David Huxsoll (5 min)

II. Monday, 16 October

0600-0830 Breakfast
0830 Depart from Hotel, Travel to CMC
0845 Begin Badging at the CMC

Current Approaches to Physical Protection of Facilities

Moderator: Barbara Johnson, Science Applications International Corp.-Threat Reduction Support Center

0900-1020 (20 min per topic)

- ◆ State Research Center of Virology and Biotechnology: Serguei Kotchourov
- ◆ State Research Center for Applied Microbiology: Nikolay Stegantsev
- ◆ Scientific Research Agricultural Institute: Yevgeniy Troitskiy

1020-1040 Break (Photo)

1040-1200 (20 min per topic)

- ◆ Kazakh Plague Control Research Institute: Larissa Nekrassova
- ◆ U.S. Department of Agriculture: David Huxsoll
- ◆ Swedish Institute for Infectious Disease Control: Ingegerd Kallings

1200-1330 Lunch (Continue badging if necessary)

1330-1500 (20 min per topic)

- ◆ Centre for Applied Microbiology & Research: Heather Sheeley
- ◆ Pokrov Biopreparation Plant: Vladimir Gavrilov
- ◆ All-Russian Research Institute of Phytopathology: Anatoli Makarov
- ◆ All-Russian Research Institute for Animal Health: Vladimir Andreev

1500-1520 Break

1520-1630 Q&A Roundtable

1630 Depart from CMC, Travel to Hotel

1800 Depart from Hotel

1830-2100 Dinner at High Noon Restaurant

III. Tuesday, 17 October

0600-0830 Breakfast

0830 Depart from Hotel, Travel to CMC

Control and Accounting of Culture Collections

Moderator: Serguei Netessov, State Research Center of Virology and Biotechnology

0900-1020 (20 min per topic)

Elements of Control and Accounting, I

- ◆ Integrating Biological Safety and Facility and Personnel Security: John-Olav Johnsen, U.S. Department of Energy, Albuquerque Operations Office
- ◆ Protection and Accountability of Culture Collection Materials: Barry Holmes, National Collection of Type Cultures, Central Public Health Laboratory, Colindale, London, UK
- ◆ Challenges Ahead, Some Thoughts From a Biological Safety Specialist: Heather Sheeley, Centre for Applied Microbiology & Research, UK
- ◆ Culture Collection Data Management: Chris Royse, SAIC-TRSC for David Labeda, U.S. Department of Agriculture/Agricultural Research Service

1020-1100 Break

1100-1220 (20 min per topic)

Elements of Control and Accounting, II

- ◆ State Research Center for Applied Microbiology: Nikolai Staritsin
- ◆ State Research Center of Virology and Biotechnology: Nikolai Tchernyi
- ◆ Scientific Research Agricultural Institute: Murtabay Mambetaliyev
- ◆ Kazakh Plague Control Research Institute: Larissa Nekrassova

1220-1330 Lunch

1330-1430 (20 min per topic)

Trade and Regulatory Issues

- ◆ Russian Ministry of Health: Yury Fedorov
- ◆ A Proposed Framework to Enhance Safety & Security of Biological Material: Michael Lind, Pacific Northwest National Laboratory
- ◆ Shipment of Infectious Substances and Clinical Specimens: Barbara Johnson, Science Applications International Corp.-Threat Reduction Support Center

1430-1500 Q&A Roundtable

1500-1530 Break

1530-1600 Depart CMC, Travel to Kirtland Air Force Base

1600-1700 Conversion presentation (30 min) and Security Tour (30 min) of Lovelace Respiratory Research Institute (LRRI)

1700 Depart from LRRI, Travel to Hotel

1800 Depart from Hotel

1830-2100 Dinner at Seagull Street Restaurant

IV. Wednesday, 18 October

0600-0830 Breakfast

0830 Depart from Hotel, Travel to CMC

CMC/SNL Physical Protection and Monitoring Considerations

Moderator: Reynolds Salerno, CMC

0900-1030 (30 min per topic)

Physical Protection and Monitoring Considerations

- ◆ Physical Protection System Design and Integration: Basil Steele, Sandia National Laboratories
- ◆ Physical Protection System Vulnerability and Risk Analysis: Ivan Waddoups, Sandia National Laboratories
- ◆ Concepts, Technologies, and Applications of Remote Monitoring: Don Glidewell, Sandia National Laboratories

1030-1230

Physical Protection Technology Demonstration

- ◆ Ground Based Sensors and Cameras
- ◆ Access Control and Delay Technologies
- ◆ Alarm Communication and Display Technologies

Monitoring Technology Demonstration

- ◆ Inventory Control and Tamper Identification
- ◆ Tracking and Transportation
- ◆ Management Information Systems and Secure Communications

1230-1330 Lunch

Development of Project Work Plans for Biosecurity and Materials Accountability
Moderator: Chris Royse, Science Applications International Corp.-Threat Reduction Support Center

1330-1415 Risk Management in the Approach to Physical Security Planning

1415-1445 Break

1445-1530 Considerations for the Development of a Workplan

1530-1630 Q&A Roundtable

1630 Depart from CMC, Travel to Hotel

1800 Depart from Hotel

1830-2100 Dinner at Great American Land & Cattle Co. Restaurant

Workshop Adjourns