

**Office of Radiological Security  
Response Engagement  
Mobile Radioactive Sources  
WINS International Workshop**

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**ORS**  
Office of Radiological Security  
*Protect • Remove • Reduce*

# Issues

- Industrial radiography and well logging source licensees transport mobile radioactive sources every day.
  - In the United States, there is no requirement to report the movement of these sources to law enforcement. Licensees move radioactive sources from secure storage to off-site job locations both daily or for extended periods of time.
- Common Issues with radiography cameras.
  - Mobile sources are frequently lost or stolen.
  - Neither worker on a two-man crews has eyes on a camera.
  - Failure to secure the camera in the truck and set an alarm.
  - Failure of alarm system on trucks.
  - Leaving the camera on the back of the truck tailgate and driving off (happened 3 times in Texas since December 2018).
  - 3 Cameras stolen from company storage in Phoenix, Arizona in April 2019.

# What To Do?

Who do you call? What do you say?

- You know what police jurisdiction your company/storage is in. But when your crews are transiting to/from a job site, what police jurisdiction are they in?
- In Los Angeles, California there are 46 separate police departments, not counting county/state/federal police
  - E.G., Beverly Hills Police, Long Beach Police, Los Angeles Police, etc.
- In Philadelphia, Pennsylvania a radiography camera was stolen and neither the Philadelphia Police Department ChemBioRadNuc, CBRN, Unit nor the Federal Bureau of Investigation, FBI, Weapons of Mass Destruction (WMD) Coordinator knew of the crime.
  - Both learned of the theft from a Nuclear Regulatory Commission, NRC, Incident report 2 days later.
  - On investigation of the crime report the police call taker recorded the incident as a “Stolen Camera”.
  - This is a low level property crime which does not generate a police response in the United States.

- *National Strategy for Countering Weapons of Mass Destruction Terrorism (December 2018)*



“We will also continue to provide training and equipment to state, local, tribal, and territorial entities on particularly high-consequence threats **with the aim of creating self-sustaining capabilities not continually dependent on Federal assistance.**”

# Scale of Engagement

- There are between 14,000 and 15,000 separate State and local law enforcement agencies in the United States. This does not count Federal agencies, like the FBI.
- There are between 800,000 and 1,000,000 police officers in the US.
- There are 50 States in the US.

# ORS Mobile Radioactive Source Domestic U.S. Response Strategy

- Three vectors of Mobile Rad source response engagement:
  - FBI Weapons of Mass Destruction, WMD, Coordinators.
  - State Police in each of 50 states.
  - Licensees.
- Meetings with State Police to be coordinated by Federal Emergency Management Agency, FEMA, Regional Administrators.
- Aim is to develop a “Common Operating Picture”, from how licensee reports loss/theft, to what police hear and how they respond.

# Potential “Asks” for U.S. Police

- When we meet with State Police in each FEMA region we intend to ask the following type questions:
  - Are you aware of the type and amount of Rad sources in transit in your state?
  - Can the State Police 24/7 Call Center/Operations Center, take calls from industry reporting lost/stolen Rad source in their State?
  - If caller (Rad company/Rad tech) states certain key words/phrases, identified in advance to industry and police, can State Police place an appropriately high priority on action?
    - What key words/phrases would trigger State Police high priority action?
  - If caller provides location, street address, town, etc., can the police Call Center identify the appropriate local police jurisdiction and push that priority call down to that local police agency?
  - If a lost/stolen Rad source is reported to State Police and that priority call pushed out to appropriate police agency can the State Police follow up on action taken at local level, i.e., track the case?

# Continued “Asks”

- Can short awareness/training material, like short videos, be pushed out to all police agencies in the State?
- Do you currently have any ChemBioRadNuc, CBRN, policy, training, operations, etc., that State Police and local Police cooperate on?
- If the State Police agency in your state is not the appropriate police agency to do all of the above, which police agency in your state, with state-wide reach, is?



# Licensee Engagement

- Contact with licensees via Associations
  - Nondestructive Testing Management Association, NDTMA.
  - American Society of Nondestructive Testing, ASNT.
  - Association of Energy Service Companies, AESC.
    - Here in Mexico it might be: [IMENDE](#)  
Instituto Mexicano De Ensayos No Destructivos A.C., Ruben M Campos no 2651, Colonia Villa de Cortes, Delegacion Benito Juarez, CP 03530 Mexico D.F.
- Provide the “What to Say” phrase:
  - With key words that police have agreed to act upon.
- Provide the “Who to Call”
  - Police contact telephone numbers, one per State and one FBI.

- To Police something like:
  - “I would like to report the loss/theft of radioactive material. ***This is a potential National Security incident and the FBI have also been notified.*** The radioactive material is Iridium 192/Cobalt 60 contained in a Sentential 880 Delta Projector. The vehicle the material was in is a white FORD F-150 pickup truck with a “Gamma NDT Co, LLC” logo and license plate TX 12345. The radiographer/operator is Mr. John Smith, mobile phone 1-123-456-7890 and the incident occurred in/near McAllen, Texas. Loss/theft occurred at 05:30, 23 October 2019.”

# Who to Call

- Licensees will make two incident report calls:
  - One phone number at FBI Headquarter’s Strategic Information Operations Center, SIOC, who will forward the incident information to the correct FBI Field Office WMC Coordinator.
  - One phone number for a State Police operations center in each of the 50 states.
- Thus each licensee will have a list of 51 phone numbers on file.