

From: Phillip S Harris

Sent: Thursday, August 22, 2019 2:42 PM

To: Richard Superfine; Michelle Cullerton-Conforti; Jamar Sullivan; Katreina York; Cynthia Rivera; Darek Martin

Subject: Post-Course Ethics Declaration for DHS Sponsored Hazardous Materials Training

Respected Members,

As part of the Chicago Fire Department's (CFD) homeland security strategy, I received permission to attend a Department of Homeland Security (DHS) sponsored hazardous materials course. DHS courses such as this provide the skills necessary to conduct hazardous materials operations under the most austere conditions. In undertaking this training, I've developed skills that will benefit both the City of Chicago as well as the CFD in managing both natural and man-made hazardous material/CBRNE incidents. As part of this training, the DHS covered expenses relating to approved transportation, lodging, as well as a per diem to cover food (where applicable). Further, I utilized 2 Grant-Funded Days to cover my platoon duty while attending this class. Pertinent information relating to my participation and travel for this course is as follows:

Member Information:

Phillip S. Harris, Firefighter/EMT, File #: 20971

Course Information:

Tank Car Specialist (TCS) - PER-290

Course Description:

The TCS course is specifically designed as intensive hazardous materials emergency response training for the specialist level and will bring the hazardous materials technician to the highest recognized level of training identified by Occupational Safety and Health (OSHA), National Fire Protection Association (NFPA), and Environmental Protection Agency (EPA) with a focus on freight rail incidents potentially involving WMDs, including flammable and combustible liquids transported by rail. Participants will receive comprehensive training beyond that of traditional "hazardous materials technician level," and their instruction will include, but is not limited to railroad nomenclature, railcar designs, special features unique to the railroad, product transfer, containment methods, plugging and patching to including the use of special containment devices and flaring operations. The course covers rail vehicle threat and vulnerability assessments, including actions and responses to any toxic or industrial hazardous materials release (e.g., flammable/combustible liquid rail transportation emergencies and WMD attacks on railcars).

Participants will also be trained in procedures for storage and use of hazardous materials, as well as proper shipping documentation for hazardous materials and identification of various railway rolling stock and their associated hazards. They will learn to identify the characteristics, features, hazards, and markings of various hazardous material tank cars; will demonstrate the methods for controlling any toxic or industrial hazardous material releases including flammable/combustible liquids; and will identify the construction, valves, and safety devices on tank cars and demonstrate their proper operation. After the successful conclusion of this course, participants

will be able to respond safely to railroad emergencies through prioritizing their actions, utilizing NIMS, working within the NRF, and bringing any intentional or accidental freight rail emergency to successful mitigation.

Course Link:

<https://sertc.org/courses/tcs/>

Course Location:

Security and Emergency Response Training Center (SERTC), Pueblo, CO

Course Dates:

8/5/2019 - 8/9/2019 (Travel Dates: 8/4/2019 & 8/9/2019)

Platoon Grant Funded Days Needed for Course:

2 Days: 8/4/2019 (1/C) and 8/7/2019 (1/D)

Phillip Harris
Firefighter/EMT