Emerging Oil Transportation Update

November 2016
Meetings with Class 1 RRs

August 2015

February 2016

September 2016
HIGH HAZARD FLAMMABLE LIQUID TRAIN (HHFT) INCIDENTS:
MYTHS, FACTS AND OBSERVATIONS
Gregory G. Noll, CSP, CEM
South Central (PA) Task Force
January 25, 2016

INTRODUCTION

Changes in the North American energy sector have brought new challenges to the emergency response community, especially in many geographic areas where there has not historically been a large energy sector footprint. These changes have involved oil and gas exploration, production, and manufacturing facilities, as well as the expansion of transportation modes, corridors, and operations to meet the needs of the emerging marketplace.

This background paper will focus on flammable liquid unit trains, primarily those transporting crude oil and ethanol. The U.S. Department of Transportation – Pipeline and Hazardous Materials Safety Administration (DOT / PHMSA) defines High Hazard Flammable Liquid Trains (HHFT) as trains that have a continuous block of twenty (20) or more tank cars loaded with a flammable liquid or thirty-five (35) or more cars loaded with a flammable liquid dispersed through a train.

The objectives of this paper are to assist emergency planning and response personnel in preparing for HHFT incident scenarios. The information is based upon an analysis of previous
Transportation Rail Incident Preparedness & Response (TRIPR) Liquid Unit Trains resource materials developed in by DOT in 2015.

**Team:** Public safety agencies, rail carriers, and industry subject matter experts.

**Purpose:** Prepare first responders to safely manage rail incidents involving crude oil and ethanol.

**Target Audience:** Haz-Mat First Responders
TRIPR Evolution

TRIPR TRAINING MODULES

- 1.0 Pre-Incident Planning (EPA/DOT)
- 2.0 Incident Management Principles
- 3.0 Problem Identification
- 4.0 Hazard Assessment & Risk Evaluation
- 5.0 Select Proper PPE Clothing & Equipment
- 6.0 Logistics & Resource Management
- 7.0 Select & Implement Response Objectives
- 8.0 Clean-up & Post-Emergency Operations
- 9.0 Scenarios

1.0 Pre-Incident Planning and Preparedness

Marshall TRIPR Agenda (9/12/16 Update)

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TRANSPORTATION RAIL INCIDENTS PREPAREDNESS AND RESPONSE
MARCH 15, 2016
At BGSU

The Transportation Rail Incidents Preparedness and Response (TRIPR), Flammable Liquid Unit Trains event was developed to provide critical information on best practices related to rail incidents involving hazmat class 3 flammable liquids, such as Crude Oil and Ethanol. A key component of this initiative is to learn from past experiences and to leverage the expertise of public safety agencies, rail carriers, and industry subject matter experts in order to prepare first responders to safely manage incidents involving flammable liquids unit trains. More information is available at: http://dothazmat.vividims.com/tools.asp

Training will be held on Tuesday, March 15, 2016 from 8:00 AM-5:00 PM Eastern at the Bowling Green State University, Bowen-Thompson Student Union with 245 parking available in a Visitor Parking Lot. To attend this training event, please RSVP to Jaime Julian (julian.jaime@epa.gov) by Friday, March 11, 2016. Parking Information and Registration will be sent to the initial 150 First Responders that RSVP. RSVP must be received in order to attend the training event. This class may not be available in the area again.

Presentation Team included:

DOT Mark Razny
NS John Lerner
CSX Joe Caccamo
CN Greg Palmer
Local Fire Dept
Ohio EPA
EPA Dollhopf/Julian/Renninger

Attendance = 220
TRANSPORTATION RAIL INCIDENTS PREPAREDNESS AND RESPONSE TRAINING
APRIL 28, 2016
At Prairie Island Indian Community Center, Welch, MN

The Transportation Rail Incidents Preparedness and Response (TRIPR), Flammable Liquid Unit Trains event was developed to provide critical information on best practices related to rail incidents involving hazard class 3 flammable liquids, such as crude oil and ethanol. A key component of this initiative is to learn from past experiences and to leverage the expertise of public safety agencies, rail carriers, and industry subject matter experts in order to prepare first responders to safety manage incidents involving flammable liquids unit trains. More information is available at: http://dothazmat.vividsms.com/tools.asp

Training will be held at the Prairie Island Indian Community Center in Welch, MN. To attend this training event, please RSVP to Dave Morrison (morrison.david@epa.gov) by April 7, 2016. Parking Information and Registration will be sent to the first 100 First Responders that RSVP.

Presentation Team included:
DOT Mark Razny
BNSF Pat Brady
CP Dale Buckholtz
MPCA
EPA Dollhofp/Julian/Ren
Faryan

Attendance = 65
TRANSPORTATION RAIL INCIDENT PREPAREDNESS AND RESPONSE TRAINING

JUNE 20, 2016
At the University of Notre Dame
South Bend, IN

The Transportation Rail Incident Preparedness and Response (TRIPPR) training resources were developed to provide critical information on best practices related to rail incidents involving hazard class 3 flammable liquids, such as crude oil and ethanol. A key component of this initiative is to learn from past experiences and to leverage the expertise of public safety agencies, rail carriers, and industry subject matter experts in order to prepare first responders to safely manage rail incidents involving flammable liquids. More information is available at: http://dot Hazelmat.vivdlms.com/tools.asp

Training will be held at the University of Notre Dame in South Bend, IN, on June 20, 2016, from 8 am – 4 pm. To attend this free training event, please register at: www.SignUpGenius.com/go/000140794AC22AoFs8-south by June 3, 2016. Parking and registration information will be sent once registration closes.
Tribal Conference, Uncasville, CT
August 16, 2016
TRANSPORTATION RAIL INCIDENTS PREPAREDNESS AND RESPONSE TRAINING

AUGUST 24, 2016
MARSHALL, MN

The Transportation Rail Incidents Preparedness and Response (TRIPR), Flammable Liquid Unit Trains event was developed to provide critical information on best practices related to rail incidents involving hazard class 3 flammable liquids, such as crude oil and ethanol. A key component of this initiative is to learn from past experiences and to leverage the expertise of public safety agencies, rail carriers, and industry subject matter experts in order to prepare first responders to safely manage incidents involving flammable liquids unit trains. More information is available at: http://dothazmat.vividlms.com/tools.asp

Training will be held at the Red Baron Arena in Marshall, MN.

http://www.redbaronarena.com/


To attend this training event, please RSVP using this link www.SignUpGenius.com/go/9eF0eAAsAGC2AppE6R-marshall by August 3, 2016. Logistics and additional registration information will be provided in advance of the training date.
TRANSPORTATION RAIL INCIDENTS PREPAREDNESS AND RESPONSE TRAINING

OCTOBER 5, 2016
8 AM - 4 PM
Hjemkomst Center
202 1st Avenue N.
Moorhead, MN 56560

The Transportation Rail Incidents Preparedness and Response (TRIPR) training was developed to provide critical information on best practices for responding to rail incidents involving hazard class 3 flammable liquids, such as crude oil and ethanol. A key component of this initiative is to learn from past experiences and to leverage the expertise of public safety agencies, rail carriers, and industry subject matter experts in order to prepare first responders and emergency services personnel to safely manage incidents involving flammable liquids unit trains. More information is available here: http://www.fhmsa.dot.gov/hasm/aid/tdem emergencies resources/rdrrpr

To attend this free training event, please RSVP by September 28, 2016, using this link: www.Simplilearning.com/voor2699e4ca%Ac%27AnFzR-trasportation

Please note that space is limited, so reserve your seat today!

For more information, contact Andy Maguire at 322-323-2563 or by email at maguire.andyh@epa.gov

Presentation Team includes:

DOT Mark Razny
BNSF Paul Hester
CP Dale Buckholtz
Local Fire Dept
MPCA
EPA Dollhopf/Renninger Maguire
EPA Region 8

Attendance = 55
PRESENTATION TEAM INCLUDES:

- Greg Noll
- RR's
- NY HS
- EPA Dollhopf/Renninger
- EPA Region 2

TRAINING ANNOUNCEMENT

TRANSPORTATION RAIL INCIDENT PREPAREDNESS & RESPONSE: HIGH HAZARD FLAMMABLE LIQUID UNIT TRAIN (HHFT)

EVENT DESCRIPTION:

As part of New York State's ongoing, cooperative multi-agency effort initiated by Governor Cuomo's Executive Order 125 to improve planning, preparedness and response capabilities for any incident involving the transportation of crude oil and other ignitable liquids by rail across the State, New York State will be hosting a one-day workshop promoting the resources provided in the Transportation Rail Incident Preparedness & Response (TRIPR) Flammable Liquid Unit Train program. TRIPR was developed by the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) in collaboration with the Federal Railroad Administration (FRA), the U.S. Fire Administration (USFA), Environmental Protection Agency, U.S. Coast Guard, TRANSCAER®, the Association of American Railroads (AAR), rail industry owners and operators, the American Petroleum Institute (API), Renewable Fuels Association (RFA) and the emergency response community to address the hazards associated with incidents involving flammable liquid unit trains.

The goal of this session is to provide participants with guidance and resources to better prepare first responders for incidents involving flammable liquid unit trains.

The workshop will be facilitated by Greg Noll, representing PHMSA as a member of the TRIPR Development Team and a recognized expert in hazardous materials response.

Please feel free to forward this invitation to members of your organizations that would be interested in attending.

INTENT:

The goal of this workshop is to expand awareness of the TRIPR program and share lessons learned from HHFT incidents along with the expertise of public safety agencies, rail carriers and industry subject matter experts. The resources supplied are not intended to be a standalone training program but are offered to supplement existing programs. All information and resources provided via the TRIPR program can be edited and modified to suit an instructor's or training program needs.

TRIPR training program materials are available here: http://dot-lazMat.vividsims.com/tools.asp

TARGET AUDIENCE:

Local, County, State and Federal agencies providing pre-incident planning, training, response or recovery functions for incidents involving rail transportation of ignitable liquids.

DATE & TIME:

Wednesday, November 30th, 2016
8:00 – 8:30 Welcome & Registration
8:30 - 12:00 Overview of TRIPR modules 1-6: Pre-Incident Planning, Incident Mgt., Problem ID, Hazard Assessment, Safety and Logistics/Resource Mgt.
1:00 – 4:00 Overview of TRIPR module 7: Response Objectives; Scenario Panel Discussion; Module 8: Post-Emergency Response Operations; and Review of Incident Case Studies.
TRANSPORTATION RAIL INCIDENTS PREPAREDNESS AND RESPONSE TRAINING

DECEMBER 14, 2016

Eli Lilly
MQ Learning Center
2301 Executive Drive
Indianapolis, IN 46241

The Transportation Rail Incidents Preparedness and Response (TRIPR) Flammable Liquid Unit Trains event was developed to provide critical information on best practices related to rail incidents involving hazard class 3 flammable liquids, such as crude oil and ethanol. A key component of this initiative is to learn from past experiences and to leverage the expertise of public safety agencies, rail carriers, and industry subject matter experts in order to prepare first responders to safely manage incidents involving flammable liquids unit trains. More information is available here: http://dothazmat.vividlms.com/tools.asp

To attend this training event, please RSVP using this link www.SignUpGenius.com/go/30E0545A5AC22A0F5b-transportation2 by December 1, 2016.

Additional logistics information will be provided in advance of the training date.

Presentation Team includes:

DOT Mark Razny
RR TBD
RR TBD
Local Fire Dept
IDEM
EPA Dollhopf/Renninger
Julian/Lam/Sewell
TRANSPORTATION RAIL INCIDENTS PREPAREDNESS AND RESPONSE TRAINING

JANUARY 25, 2017

WAYNE COUNTY COMMUNITY COLLEGE DISTRICT DONRIVER CAMPUS, RAY MIX ROOM
21000 NORTHLINE ROAD
TAYLOR, MI 48180

The Transportation Rail Incidents Preparedness and Response (TRIPR), Flammable Liquid Unit Trains event was developed to provide critical information on best practices related to rail incidents involving hazard class 3 flammable liquids, such as crude oil and ethanol. A key component of this initiative is to learn from past experiences and to leverage the expertise of public safety agencies, rail carriers, and industry subject matter experts in order to prepare first responders to safely manage incidents involving flammable liquids unit trains. More information is available at:
http://dothazmat.vividlms.com/tools.asp

To attend this training event, please RSVP using this link
http://www.signupgenius.com/go/10ec45ac22a0f5c8-transportations

Logistics and additional registration information will be provided in advance of the training date.

Presentation Team includes:

DOT Mark Razny
NS John Lerner
CSX Ryan Prewitt
CN Greg Palmer
Detroit Fire Dept
MDEQ
EPA Dollhopf/Julian/Renninger/Edwards/Kimble
February 15, 2017

Stevens Point, WI

The Transportation Rail Incidents Preparedness and Response (TRIPR), Flammable Liquid Unit Trains event was developed to provide critical information on best practices related to rail incidents involving hazard class 3 flammable liquids, such as crude oil and ethanol. A key component of this initiative is to learn from past experiences and to leverage the expertise of public safety agencies, rail carriers, and industry subject matter experts in order to prepare first responders to safely manage incidents involving flammable liquids unit trains. More information is available at:
http://dotharmat.vividsims.com/tools.asp

To attend this training event, please RSVP using this link
http://www.signupgenius.com/go/100e025a5ac22a0f8-transportations

Logistics and additional registration information will be provided in advance of the training date.
TRANSPORTATION RAIL INCIDENTS PREPAREDNESS AND RESPONSE TRAINING

TBD 2017
EPA Region 5 & 7
St. Louis, MO

The Transportation Rail Incidents Preparedness and Response (TRIPR), Flammable Liquid Unit Trains event was developed to provide critical information on best practices related to rail incidents involving hazard class 3 flammable liquids, such as crude oil and ethanol. A key component of this initiative is to learn from past experiences and to leverage the expertise of public safety agencies, rail carriers, and industry subject matter experts in order to prepare first responders to safely manage incidents involving flammable liquids unit trains. More information is available at: http://dothazmat.vividsims.com/tools.aspx

To attend this training event, please RSVP using this link http://www.signupgenius.com/go/300ec45a85ac22aofc8-transportations by January 13, 2017.

Logistics and additional registration information will be provided in advance of the training date.

Presentation Team includes:

DOT TBD
RR TBD
RR TBD
EPA Region 7 Smith
EPA Dollhopf/Renninger/R
TRANSPORTATION RAIL INCIDENTS PREPAREDNESS AND RESPONSE TRAINING

TBD 2017
EPA Region 5 & 7
Quad Cities (Iowa/IL)

To attend this training event, please RSVP using this link
http://www.signupgenius.com/go/3000543ac5ac222aofc8-transportation

Logistics and additional registration information will be provided in advance of the training date.

FREE TRAINING
FOR FIRE DEPARTMENT,
LEPC, EMA AND
FIRST RESPONDERS

FIRST OFFERING
OF NATIONALLY
DEVELOPED
TRAINING IN MI

8 HOUR TRAINING
FOR FIRST
RESPONDERS IN
COMMUNITIES
WITH RAIL
TRAFFIC

TRAINING
DEVELOPED AND
PROVIDED BY:

Presentation Team includes:

DOT TBD
RR TBD
EPA Region 6
EPA Dollhopf/Renninger
TRANSPORTATION
RAIL INCIDENTS
PREPAREDNESS AND
RESPONSE TRAINING

TBD 2017
EPA Region 5
Springfield, IL

The Transportation Rail Incidents Preparedness and Response (TRIPR), Flammable Liquid Unit Trains event was developed to provide critical information on best practices related to rail incidents involving hazard class 3 flammable liquids, such as crude oil and ethanol. A key component of this initiative is to learn from past experiences and to leverage the expertise of public safety agencies, rail carriers, and industry subject matter experts in order to prepare first responders to safely manage incidents involving flammable liquids unit trains. More information is available at: http://dotharmat.vividsims.com/tools.asp

To attend this training event, please RSVP using this link http://www.sign upgenius.com/go/300e054c5ac22a0fcb-transportation1 by January 13, 2017.

Logistics and additional registration information will be provided in advance of the training date.

Presentation Team includes:

DOT TBD
RR TBD
RR TBD
EPA Dollhopf/Renninger/Julian
TBD 2017
EPA Region 6
Dallas, TX

The Transportation Rail Incidents Preparedness and Response (TRIPR), Flammable Liquid Unit Trains event was developed to provide critical information on best practices related to rail incidents involving hazard class 3 flammable liquids, such as crude oil and ethanol. A key component of this initiative is to learn from past experiences and to leverage the expertise of public safety agencies, rail carriers, and industry subject matter experts in order to prepare first responders to safely manage incidents involving flammable liquids unit trains. More information is available at: http://dothemat.vividsms.com/tools.asp

To attend this training event, please RSVP using this link http://www.signupgenius.com/go/300054ca5ac22a0cf8-transportations by January 13, 2017.

Logistics and additional registration information will be provided in advance of the training date.
Emerging Oil Transportation Update

November 2016