

# **WILLIAMS LNG PLANT**

The background image shows an industrial facility, likely a liquefied natural gas (LNG) plant. Two large, cylindrical storage tanks with domed tops are prominent in the foreground. In the background, there are various industrial structures, including a tall distillation column and other processing units. The sky is overcast and hazy.

**Explosion**

**March 31, 2014**

**08:22**

# Plant Constituents

A photograph of an industrial facility, likely a liquefied natural gas (LNG) plant. The scene features several large, tan-colored cylindrical storage tanks. In the center, there is a tall, narrow vertical structure, possibly a distillation column or a flare stack. The foreground shows a gravel-covered area with some red fire hydrants and pipes. The sky is overcast and grey.

- ▣ 16 employees at three different facility locations
- ▣ Two - 2 billion cubic feet low pressure LNG tanks
- ▣ Process transition with up to 800 psi in gas line process piping
- ▣ Recently installed new pressure sensing devices

# Community/ Area Preparedness

A firefighter in a brown jacket and helmet is pointing towards industrial equipment at a facility. The background shows large pipes and machinery.

- ▣ Umatilla Army Depot Training/CSEPP

- ▣ Annual Fire Department Facility Walk-Down Tour

- ▣ Tri-County Mutual Aid Plan

- ▣ Southeast Washington All-Hazard IMT

# Initiating Event



□ Explosion with subsequent fire

# Initial Action

The background image shows an industrial facility with a large fire burning in the distance, sending a thick plume of white smoke into the sky. In the foreground, there is a grassy area with a red fire hydrant. To the right, a portion of a light-colored building with horizontal siding is visible.

- ▣ **Second Alarm Fire Assignment**
- ▣ **Evacuation of Plant**
- ▣ **Evacuation of Immediate Vicinity**
- ▣ **Establishment of Command Post**
- ▣ **Isolation by Closure SR14, Tidewater Barge, BNSF & TFR**
- ▣ **2 Mile Radius Evacuation**
- ▣ **Activation of Benton County EOC**

# IMT Activation



## ▣ Delegation of Authority

- ▣ Unified Command
- ▣ Incident Objectives

## ▣ Cooperators

- ▣ Williams Pipeline
- ▣ Burlington Northern Santa Fe
- ▣ Benton County EOC/Umatilla County EOC
- ▣ WSP
- ▣ Benton County Sherriff
- ▣ WADOT
- ▣ Tidewater Barge

# IMT Activation (Cont'd)



▣ 209 (Incident Summary)

▣ Multiple Operational Periods

▣ Incident Complexity

▣ Spot Weather Forecasts

▣ IAP (Incident Action Plan)

▣ Political Concerns

# Entry & Damage Assessment



- ▣ Incident Action Plan
- ▣ Electronic Safety Systems Down



# Subsequent Entries

A photograph of an industrial facility, likely a refinery or chemical plant. In the foreground, there is a yellow safety railing. Behind it, several large, light-colored pipes run across a dark gravel surface. A worker in a full orange and black protective suit is visible near the pipes. In the background, there are more pipes, a yellow storage tank, and a building with a window. The scene is brightly lit, suggesting daytime.

▣ Manual Isolation

▣ Additional Resources

# Transition

- ▣ Incident Stabilization
- ▣ Remaining Cooperators



# Lessons Learned

- ❑ Excellent Coordination and Cooperation with Williams Pipeline
- ❑ Good Communication due to patch between VHF & 800 Mhz
- ❑ Need to capture and track law enforcement investigation throughout incident
- ❑ PIO Importance
- ❑ Shelter Identification
- ❑ Resource Time
- ❑ Follow Through with Umatilla County EOC



# Lessons Learned



- ▣ Increased emphasis on local emergency responder facility specific training and facility emergency plan;
- ▣ Facility knowledge of local responder capabilities in rural areas;
- ▣ Exercises with local emergency responders