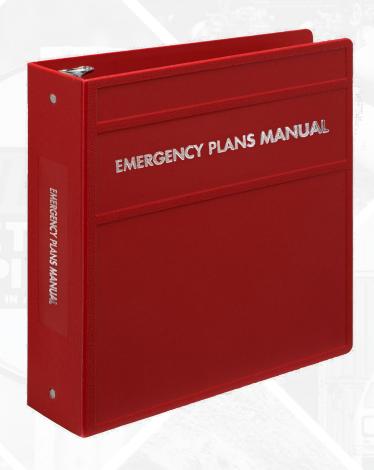




## §192.615(a) Written Procedures

• Minimize the hazard resulting from a gas pipeline emergency









## Receiving, Identifying and Classifying

#### §192.615(a)

 Notices of Events which Require Immediate Response by the Operator











## §192.615(a)(1) Receiving

- 24-Hour Telephone Number
- 1-800 Number
- Gas company day
- Police department night









## Identifying

§192.615(a)(1)

Questions











# Identifying

#### §192.615(a)(1)

- Instructions?
  - Check this
  - Do this
  - Then this
  - Call them
  - Fix this









## Classifying

#### §192.615(a)(1)

- Priority 1
  - Immediate Response
- Priority 2
  - Next Available Man
- Priority 3
  - Within 2 Hours











#### Adequate Means of Communication

#### §192.615(a)(2)

- Current Telephone Numbers
  - Fire
  - Police
  - 911
  - Other officials











#### Prompt and Effective Response

#### §192.615(a)(3)(i)

- Prompt and effective response to a notice of each type of emergency, including the following:
  - Gas detected inside or near a building



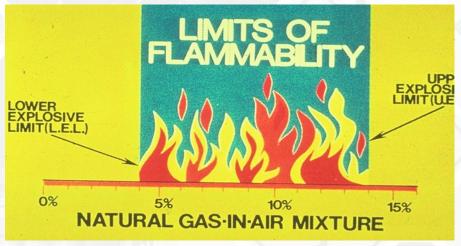






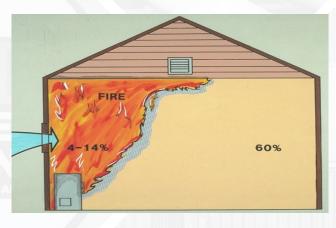


#### Understanding Natural Gas

















## §192.615(a)(3)(ii) Fire











# §192.615(a)(3)(ii) Fire



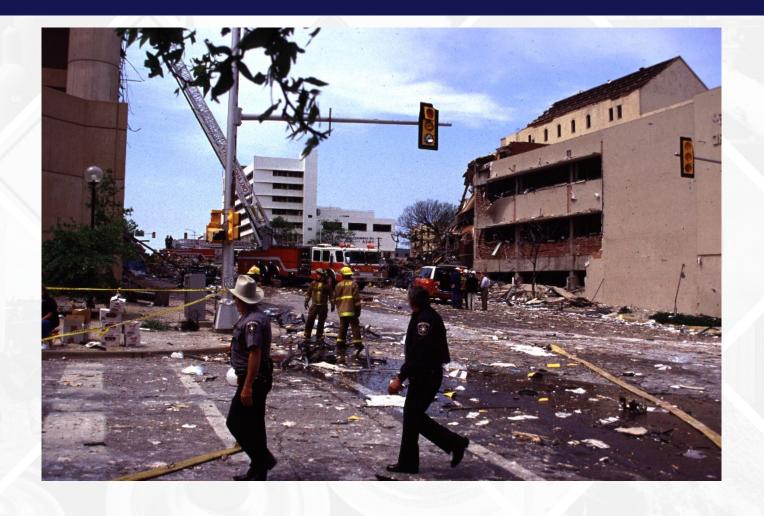








## §192.615(a)(3)(iii) Explosion



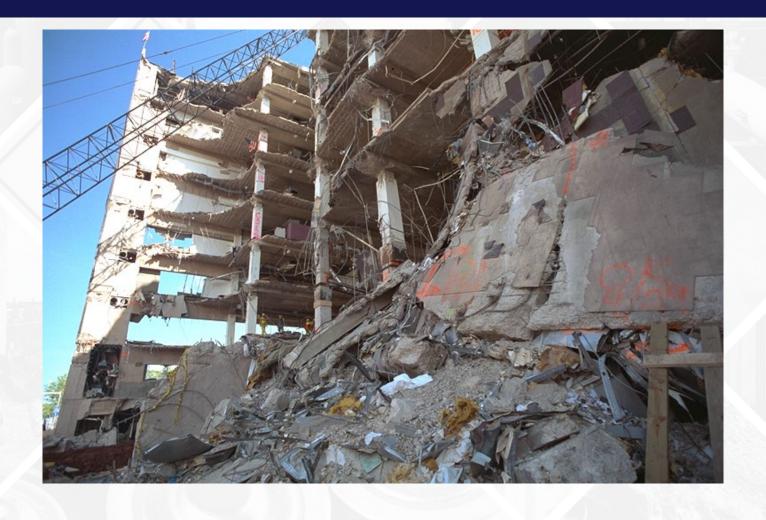








## §192.615(a)(3)(iii) Explosion











## §192.615(a)(3)(iii) Explosion





















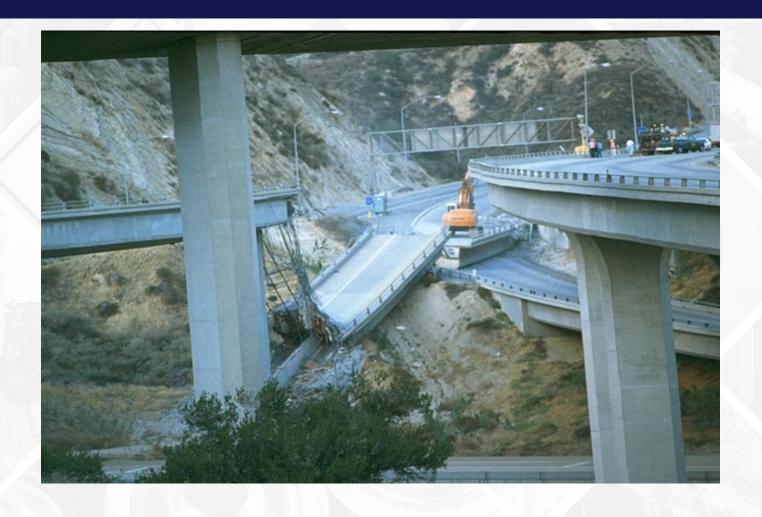
























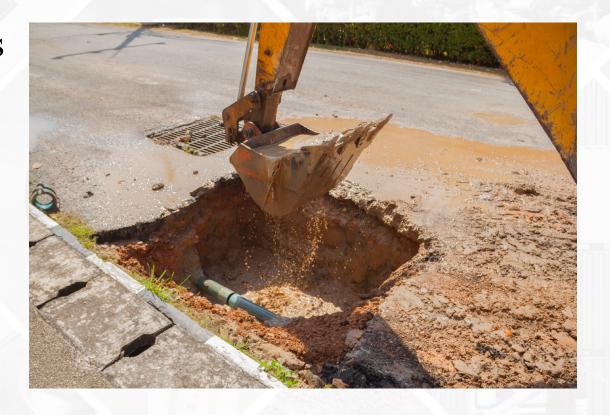






## §192.615(a)(4)

• The availability of personnel, equipment, tools and materials as needed at the scene of an emergency









## §192.615(a)(5)

 Actions directed toward protecting people first and then property









## §192.615(a)(6)

• Emergency shutdown and pressure reduction in any section of the operator's pipeline system necessary to minimize hazards to life or property







## §192.615(a)(7)

 Making safe any actual or potential hazard to life or property











### §192.615(a)(8) Planned Responses

- Pipeline emergencies
- Actual responses during an emergency
  - Fire
  - Police
  - 911
  - Public









# §192.615(a)(9)

• Safely restoring any service outage









## §192.615(a)(10) Failure Investigation

Begin action under §192.617 as soon as possible











## §192.615(a)(11) Controllers

• What does a controller do in an emergency?











#### §192.615(a)(12) Notification of Rupture











## Notification of Rupture

#### §192.615(a)(12)

• Identification of a potential rupture











## §192.615(b)(1) Emergency Procedures

• Furnish supervisors\* who are responsible for emergency action a copy of that portion of the latest edition of the Emergency Procedures











## §192.615(b)(2) Training

- Operating personnel
- Knowledgeable of the Emergency Procedures
- Verify the training is effective









## §192.615(b)(3)

• Review employee activities to determine whether the procedures were effectively followed in each emergency









## §192.615(c)

• Each operator shall establish and maintain liaison with appropriate fire, police, 911, and other public officials to:









#### Liaison

- Learn what they can do for you
- Tell them what you can do for them
- Plan when they will be utilized
- Plan how to reduce the hazards working together







# Emergency Plans











# **§192.617**

• Minimize the possibility of recurrence

