



Emergency Plans

§192.615

Each operator shall prepare and follow for each pipeline, a manual of written procedures for conducting operations and maintenance activities and for emergency response.

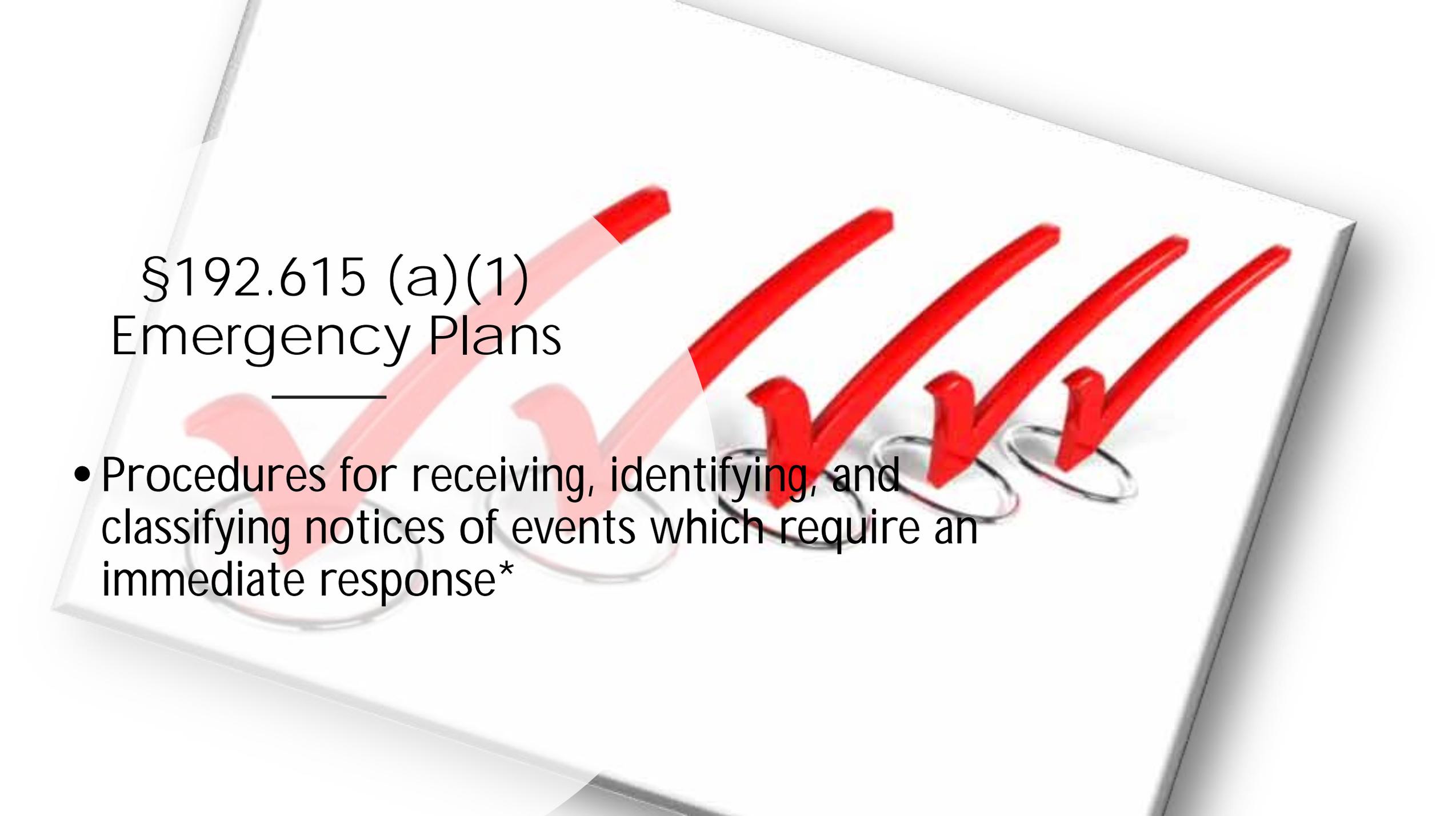
The procedures required by §§192.613(a), 192.615 and 192.617 must be included in the manual required by paragraph (a) of this section

§192.605 O&M Manual

§192.615 Emergency Plans

- §192.615 (a) Each operator shall establish written procedures to minimize the hazard resulting from a gas pipeline emergency.



The background of the slide is a white document with a slight shadow, tilted at an angle. It features several large, 3D-style red checkmarks. The first checkmark is faded and partially obscured by the text. The other three are more prominent and appear to be stamped on the document. The overall theme is one of completion or approval.

§192.615 (a)(1) Emergency Plans

- Procedures for receiving, identifying, and classifying notices of events which require an immediate response*



§192.615 (a)(1) Emergency Plans

- Receiving Notices:
 - 24 hour telephone number
 - ???
 - How is it answered?
 - ???



§192.615 (a)(1) Emergency Plans

- Instructions for Callers:
- Safety instructions for someone reporting a natural gas pipeline event
- Do the instructions provide information for the safety of people first

§192.615 (a)(1) Emergency Plans

Classifying Notices:

- How do you classify events?
 - Priority 1 = Immediate response
 - Priority 2 = Next available person
 - Priority 3 = Someone within 2 hours

A person wearing a headset and looking stressed, with their hand on their forehead. The background is blurred, showing other people in a similar setting.

Person receiving calls -
trained to understand and
make decisions

EMERGENCY CONTACT LIST
To Be Posted at All Work Locations

Location / Address: _____
Prepared By: _____

Insert LOGO

| RESPONSE | Date of List | | | | |
|--|------------------|------|-----------|----------|-------------|
| EMERGENCY RESPONSE CONTACTS | | | | | |
| Fire | | | | | |
| Police | | | | | |
| Police (non-emergency) | | | | | |
| Disaster Services | | | | | |
| Personnel | | | | | |
| Forest Fire | | | | | |
| Other as Needed | | | | | |
| Other as Needed | | | | | |
| COMPANY CONTACTS | | | | | |
| President | | | | | |
| Safety Coordinator | | | | | |
| Dispatch | | | | | |
| Other as Needed | | | | | |
| PROVINCIAL/FEDERAL GOVERNMENT CONTACTS | | | | | |
| ICB | | | | | |
| Environment | | | | | |
| Other as Needed | | | | | |
| OTHER CONTACTS | | | | | |
| Home Company | | | | | |
| Phone Company | | | | | |
| Away | | | | | |
| CLIENT SAFETY CONTACT | | | | | |
| COMPANY# | CONTACT# | | | | |
| | | | | | |
| LOCAL EMERGENCY NUMBERS BY WORKSITE COMMUNITY | | | | | |
| POLICE DISPATCH | POLICE EMERGENCY | FIRE | AMBULANCE | HOSPITAL | MEDICAL AID |
| | | | | | |
| | | | | | |

Address _____
Phone Number _____

§192.615 (a)(2) Emergency Plans

- Establishing and maintaining adequate means of communication with fire, police, and other public officials.
- Current list of emergency contact numbers,
 - update the list at regular intervals
 - Field and call center

§192.615 (a)(2) Emergency

- How do you respond to these notifications?
 - Additional telephone trunk lines, switchboard facilities, or personnel
 - Back-up power supply
- ADB-2010-08



§192.615 (a)(3) Emergency Plans

- Prompt and effective response to a notice of each type of emergency:
- Gas detected inside or near a building
- Fire located near or directly involving a pipeline facility



A photograph of a destroyed building, likely a house, with debris scattered around. The building's structure is severely damaged, with wooden beams and metal siding visible. A large tree trunk stands in the foreground, partially obscuring the view. The scene is set outdoors with green foliage in the background. A semi-transparent circle is overlaid on the left side of the image, containing text.

§192.615 (a)(3)
Emergency
Plans

- Explosion occurring near or directly involving a pipeline facility



Natural disasters

§192.615
(a)(3)
Emergency
Plans

§192.615 (a)(4) Emergency Plans

- Availability of personnel, equipment, tools, and materials, as needed at the scene of an emergency
- Current
 - personnel contact lists, numbers, and responsibilities
 - lists of equipment, tools, and materials,
 - contractor contact list, capabilities, and equipment, available to respond to an emergency

| Emergency Contacts | | |
|---------------------------|-----------------|---------------|
| Name | Position | Number |
| Miller | Fitter | 333-1234 |
| Friend | Laborer | 333-5678 |
| Santos | Crew Leader | 333-9012 |
| West | BH-Operator | 333-3456 |
| Wa-Le | Line Tech | 333-7890 |
| Kichler | Locator | 333-5555 |



§192.615 (a)(4) Emergency Plans

- Responsibility for overall coordination of personnel and execution of the emergency response plan
- Incident command system (ICS)

§192.615
(a)(5)
Emergency
Plans

- Actions directed toward protecting people first and then property.
 - Determine the scope of the emergency.
 - Evacuate and prevent access to premises that are or may be affected.
 - Prevent accidental ignition.
 - Report to the appropriate supervisor on the situation, and request further instructions or assistance if needed.

§192.615 (a)(5) Emergency Plans

Actions directed
toward protecting
people first and then
property.

H Hazard
E Extent
L Life
P Property
S Safe



§192.615 (a)(6) Emergency Plans

- Emergency shutdown and pressure reduction necessary to minimize hazards to life or property
- Should consider:
 - Responsibility for shutdown
 - Identification of critical valves, access to and operability of valves

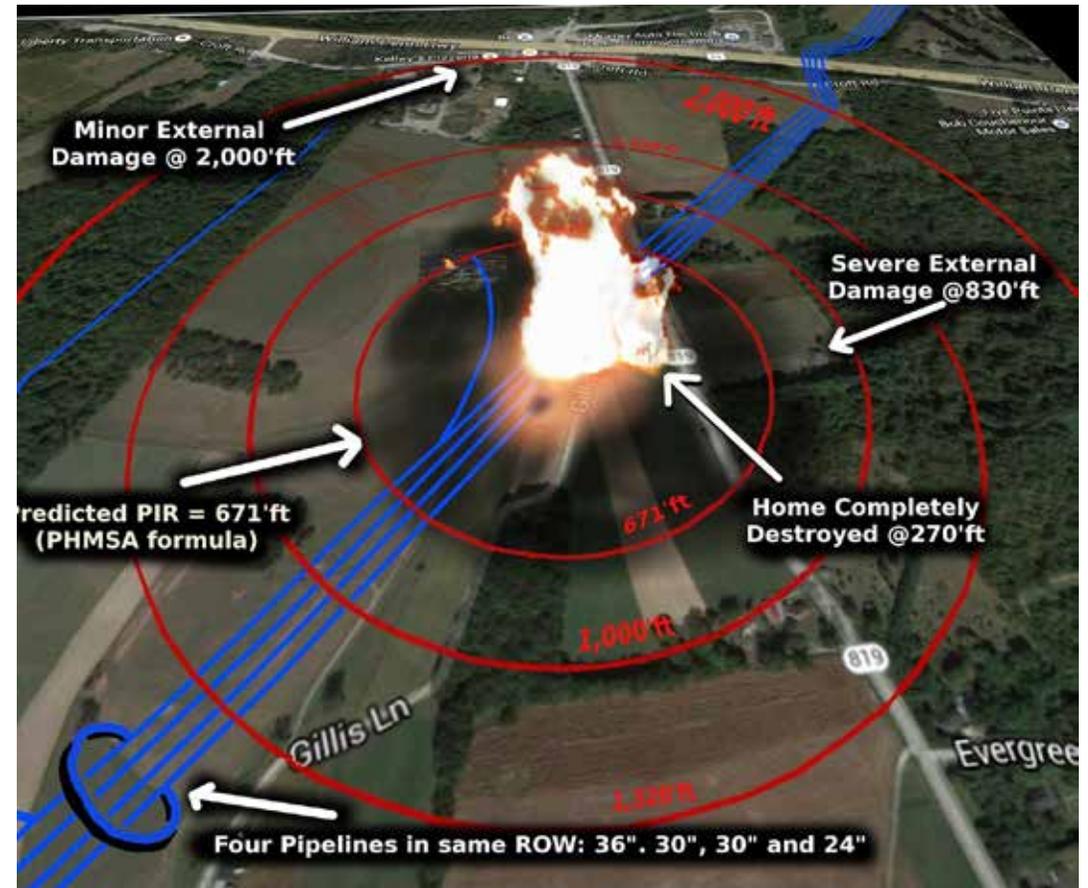
§192.615 (a)(6) Emergency Plans

- Plans to shut down or reduce pressure should consider:
 - Provisions for confirming effectiveness
 - Other facilities required for shutdown



§192.615 (a)(7) Emergency Plans

- Making safe any actual or potential hazard to life or property
 - Eliminating potential sources of ignition
 - Determining the full extent of the hazardous area, including areas of gas migration and secondary or auxiliary damage
 - Monitoring for a change in the extent of the hazardous area or other conditions





§192.615 (a)(8) Emergency Plans

- Notifying appropriate fire, police, and other public officials of gas pipeline emergencies ...
 - Contacting and coordinating with public officials, the actions to be taken
 - Notifying response personnel when the emergency has been made safe.

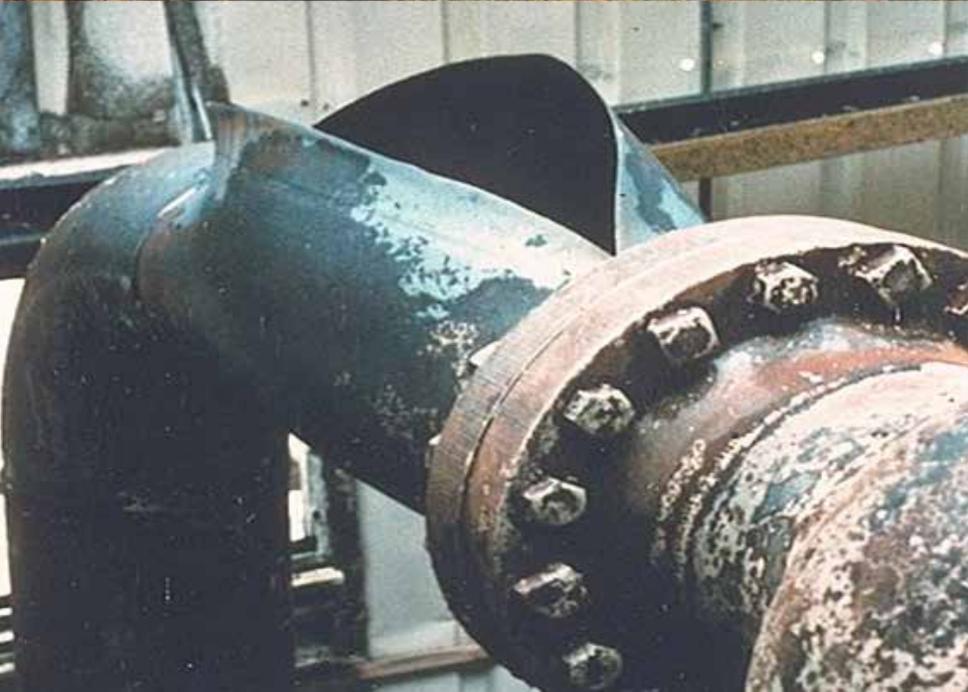


§192.615 (a)(8) Emergency Plans

- Maintaining ongoing communication to ensure that information is:
 - pertinent to emergency response
 - shared in a timely manner.

§192.615
(a)(9)
Emergency
Plans

- Safely restoring any service outage
 - Re-survey of the area involved in an incident to locate any additional damages
 - Communication with control room
 - Purging and re-pressuring of pipeline facilities
 - Monitoring of facilities after service is restored



§192.615 (a)(10) Emergency Plans

- Procedures for initiating investigation of failures in accordance with §192.617
 - Log of significant events and of actions taken
 - Preservation of failed facilities or equipment for analysis.
 - Obtaining and submitting information required by regulatory bodies

§192.615 (a)(10)
Emergency Plans

Incident Command System



§192.615 (a)(11) Emergency Plans

Actions required to
be taken by a
controller

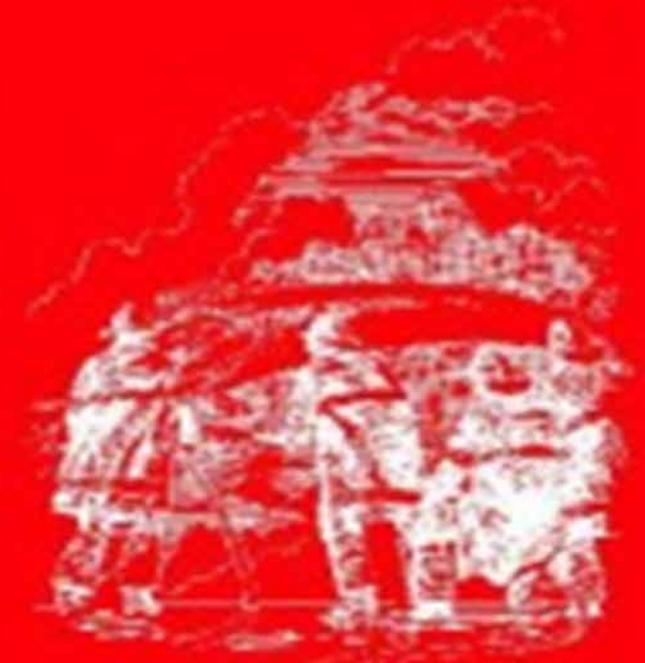


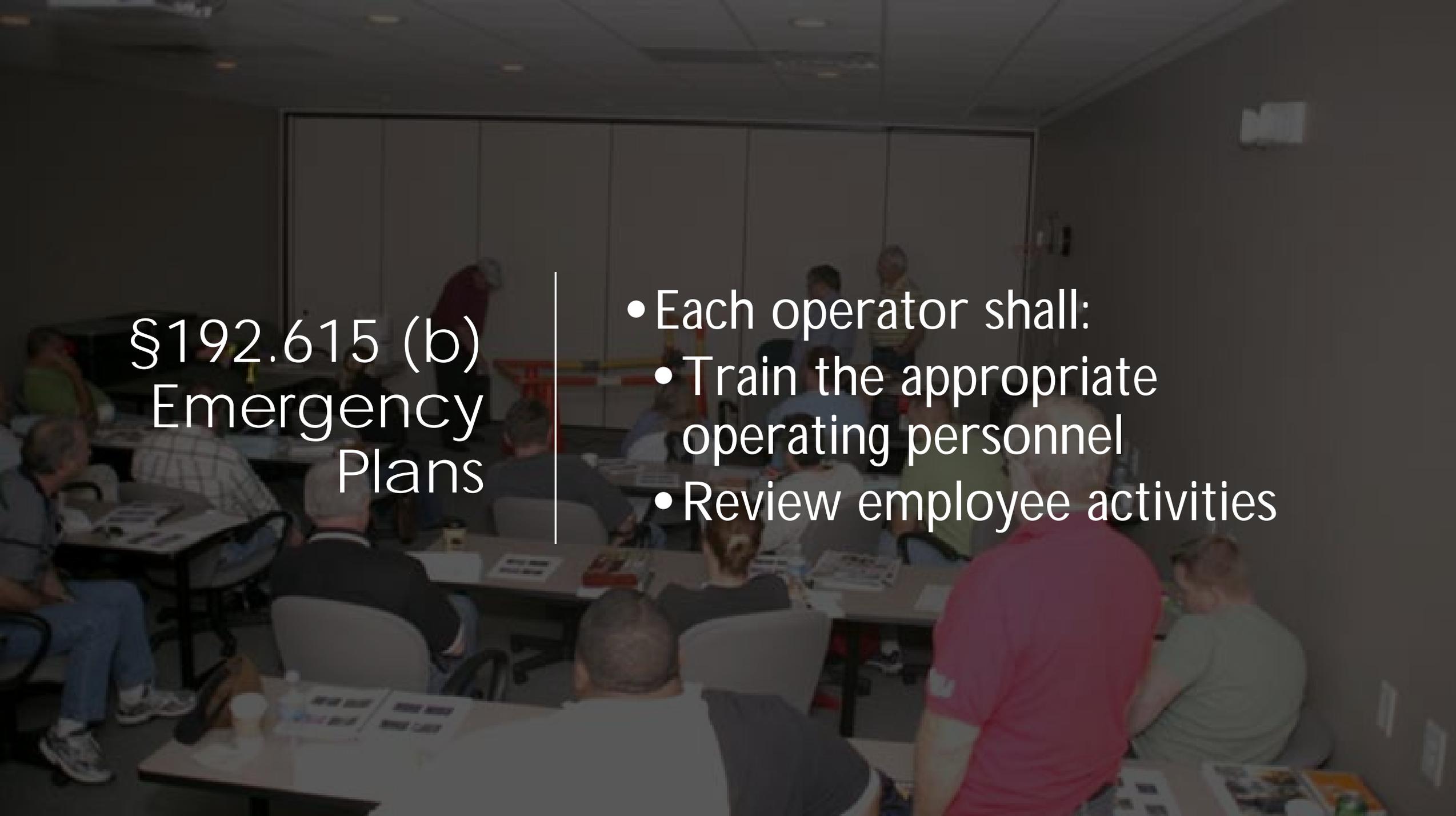
§192.615 (b) Emergency Plans

- Each operator shall:
 - Provide supervisors who are responsible for emergency action a copy of that portion of the latest edition of the emergency procedures

EMERGENCY

**EMERGENCY
PLANNING AND
PROCEDURES
MANUAL**





§192.615 (b)
Emergency
Plans

- Each operator shall:
 - Train the appropriate operating personnel
 - Review employee activities



§192.615 (c) Emergency Plans

- Shall establish and maintain liaison with fire, police, and other public officials to:
 - Learn their responsibilities and resources
 - Acquaint them with your abilities in responding to a gas pipeline emergency



§192.615 (c) Emergency Plans

- Identify the types of gas pipeline emergencies which may require notification
- Plan how you and the public officials can engage in mutual assistance to minimize hazards to life or property

What is Liaison?

1

Coordination: the exchange of information or the planning of joint efforts by two or more people or groups, often of military personnel

2

A communication for establishing and maintaining mutual understanding and cooperation

Liaison Issues

Generic message to attend meeting doesn't catch attention

Use term "PIPELINE EMERGENCY"

Use titles rather than names for invitations

Multiple invitations for large departments

Credit for training

Qualify for HAZWOPER or emergency training

Make credits easy

Liaison Meetings

- Prefer face to face meetings rather than public meetings
 - At their facility
 - Prefer local operations people
 - Contact all shifts
 - Volunteer departments
 - weekends rather than weekday

Don't want full plan

Quick reference on:

- what to do and
- contact lists

Portable – multiple copies and available in their vehicles

Emergency Plans

Don't forget

Activities under
§192.615 may also be
credited to §192.616

Public Awareness

Drills, planning meetings

Document, document, and document some more

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