

Pulsar Helium Safety Management System

TACTICAL RESPONSE

After assessing the incident level (1, 2, or 3) and contacting the appropriate parties, the following steps should be taken for the tactical response of a level 2-3 emergency:

- 1. Implement the Incident Command System
- 2. Assess hazards of site, workers, and public.
- 3. Conduct a Safety Briefing
- 4. Assess property and environmental impacts
- Develop ICS 201* Incident Briefing and ICS 202* - Incident Objectives if needed
- 6. Implement response actions. Example:
 - a) Confine spills to tanks/vessels
 - b) Locate the leading edge of spilled material and contain it.
 - c) Recover spilled materials
 - d) Dispose of recovered materials properly
- 7. Document site conditions and activities
- 8. Document impacts on natural, economic, and cultural resources
- Document site restoration/remediation activities

*See the Pulsar Helium ERP for a full list of forms.

PAD STATS		
Gas	(MCF/D)	(BBL/D)
SITE STO Deisel	DRAGE (liquid): (BBL)	(BBL)

SAFETY CONTACT INFORMATION

Richard Bunker: 218-235-8689

Nearest Level II Trauma Center:

St. Luke's Regional Trauma Center 915 E 1st St, Duluth, MN 55805 (218) 249-5555

Nearest Level IV Trauma Center:

Ely-Bloomenson Community Hospital 328 W Conan St, Ely, MN 55731 (218) 365-3271 (218) 249-5555

State/Federal/Municipal Emergency Responders:

- Local Responders: 911
- Flight for Life: Coordinate with 911
- National Response Center: 800-424-8802
- > EPA Region 5: 800-621-8431
- Minnesota (MNOSHA): 651-284-5050
- Minnesota Department of Health: Mike Freeman 218-252-2474
- OSHA Washington DC: 800-321-6742
- DOT Pipeline Safety and HAZMAT: 202-366-4595

Emergency Contractor Contacts:

Rob Radotich 218-969-7174

Additional Contacts:

Emergency Response Flyer

RESPONSE OBJECTIVES

- 1. <u>Life Safety:</u> Ensure the safety of the public, first responders, employees, and contractors
- Minimize environmental impacts: If safe to do so, close valves, etc., to stop/slow spills or releases and prevent spread by berming, trenching, or otherwise containing the spill. Recover as much of the spilled product as possible.
- 3. Protect assets: If safe and equipped, use fire suppression equipment, eliminate ignition sources, and stop/reduce feedstock.
- 4. <u>Stabilize the incident:</u> When appropriate and as soon as possible (could be any time between objectives 1-3)
 - Ensure people are safe
 - Isolate/mitigate any potential ignition sources
 - Make notifications (911, supervisor, emergency contractors, etc.)
 - Obtain relevant SDSs
 - Secure the site/location
 - Monitor air in the impacted area
 - Develop Site Safety Plan (ICS 208)
 - Assign Incident Command positions as needed (refer to ERG)
 - Establish Incident Command Post
 - Identify staging area
 - Continually assess the site for hazards
 - Assign Liaison Officer for Fire Dept.
 - Activate response contractors as needed
 - Establish flight restrictions if needed
 - Initiate decontamination and demobilization procedures when appropriate