

PINE BEND REFINERY 2010

Pandemic / All Hazards Planning

Community Advisory Council Meeting: 1/4/2010

Pandemic / All Hazards Planning

This presentation summarizes FHR's strategies for pandemic and all hazard planning for our Pine Bend Refinery.

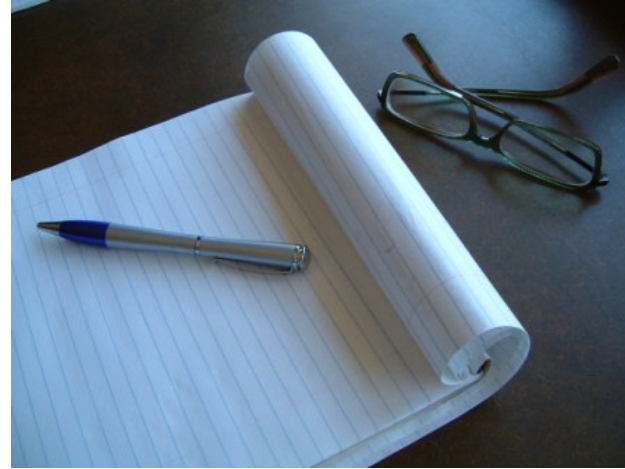
Pandemic Planning

All Hazards- One Plan



Pandemic Planning Objectives

- Minimize transmission among employees
- Communicate what vaccinations and information is available
- Maintain safe operation and continue production



Minimize Transmission

- Per Mn Dept. of Health's recommendation, employees are encouraged to stay home if they had fevers of more than 100°F
- Employees are required to check-in with the Medical Dept. before returning to work after a flu-related illness
- Pine Bend provided hand sanitizer and surface wipes for use in common use areas (Control Rooms, Central Control, Cafeteria, Meeting Rooms)
- Pocket spray sanitizer was offered to all employees

SmartCard

LEADER COMMUNICATION BRIEFING


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TOPIC: H1N1 Flu Virus

Conversation Points:

According to OSHA, the best strategy to reduce the risk of becoming ill with pandemic influenza is to avoid crowded settings and other situations that increase the risk of exposure to someone who may be infected. If you must be in a crowded setting, minimize your time there. Some basic hygiene and social distancing precautions that can be used in every workplace include the following:

- Stay home if you have a fever @ 100 or above.
- Wash your hands frequently with soap and water for 20 seconds or with a hand sanitizer if soap and water are not available.
- Avoid touching your nose, mouth and eyes.
- Cover you coughs and sneezes with a tissue, or cough and sneeze into your upper sleeve. Dispose of tissues in no-touch trash receptacles.
- Wash you hands or use a hand sanitizer after coughing, sneezing or blowing your nose.
- Avoid close contact (within 6 feet) with coworkers.
- If wearing gloves, always wash your hands after removing them.
- Keep frequently touched common surfaces (i.e. telephones, computer equipment, etc.) clean by using hand / surface sanitizers frequently.
- Hand sanitizers and surface wipes are available through the warehouse; Purell Hand Sanitizer stock #45100865, Sanicloth surface wipes stock #45100864.
- Pocket spray hand sanitizers, flu information cards and magnets from the MN Dept of Health are also available at the Medical Dispensary and SAB Resource Center.



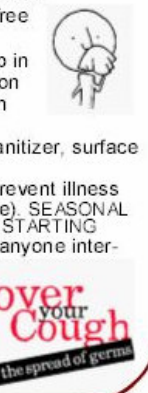
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TOPIC: H1N1 Flu Virus

What can you do?

- Maintain a healthy lifestyle; attention to rest, diet, exercise and relaxation helps to maintain physical and emotional health.
- Minnesota FluLine offers support and treatment options for people with possible symptoms of influenza; call toll-free line at 1-866-259-4655
- If sick, follow the normal call-out procedures and keep in touch with your supervisor. Check in with Medical upon returning to work. If you get sick at work, check in with Medical before going home.
- Use tissues, no-touch trash cans, hand soap, hand sanitizer, surface wipe disinfectants and disposable towels.
- A seasonal flu vaccine is recommended (this helps prevent illness from seasonal flu strains that may continue to circulate). SEASONAL FLU VACCINES ARE AVAILABLE AT THE DISPENSARY STARTING 10/21/09. H1N1 vaccines will NOT be available here; anyone interested should check with their family physician.
- If applicable, update your emergency contact information by contacting the HR department.

We will continue to distribute more information as it becomes available, or if conditions change. Questions can be directed to Medical x0630.



Communications on Vaccines

- Every year, all Pine Bend Employees are offered free seasonal flu vaccinations, which are publicized on paper and electronic bulletin boards
- In addition, employees are encouraged to seek additional vaccinations, such as H1N1 if their physician recommends it due to their health status.



■ Maintain Safe Operation

Personnel

- Monitoring of staffing by all field supervisors
- Process Safety Management elements in place, including a Training and Qualification Process for both Operations and Maintenance employees

Materials

- Short-term and long-term planning and monitoring of crude supply and product routing

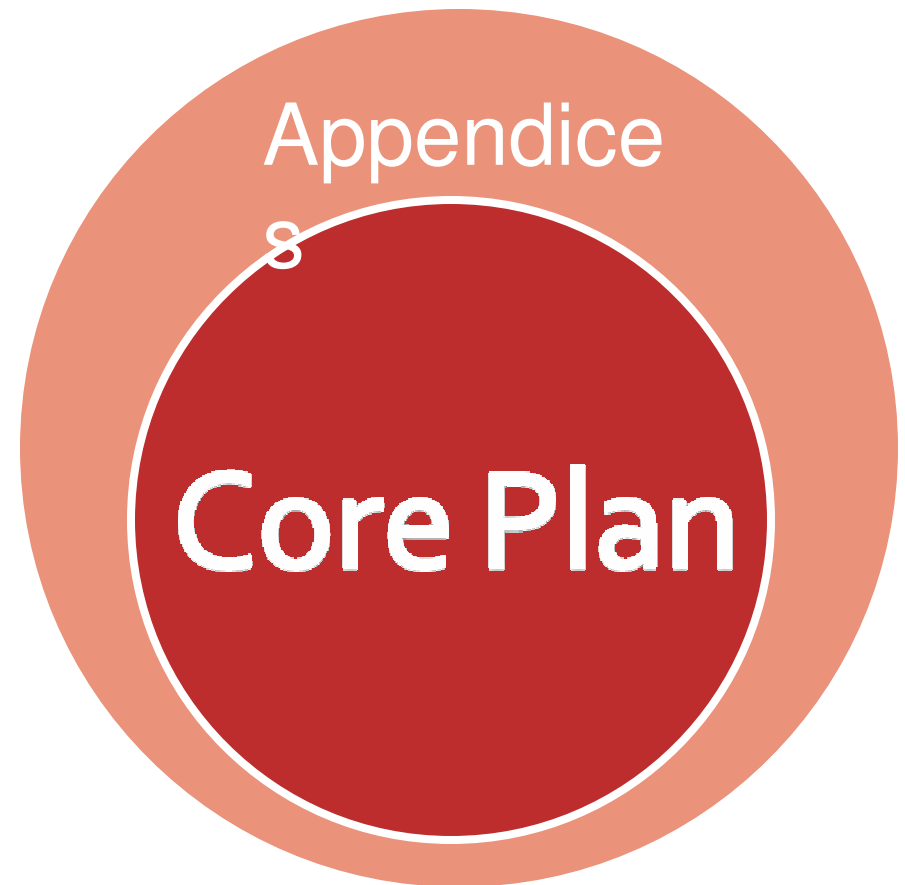




ALL HAZARDS PLANNING

■ One Plan- Integrated Contingency Plan

- Several Federal Agencies require major facilities to have response plans, including the EPA, OSHA, and the US Coast Guard.
- In addition, the State of Minnesota also has requirements for hazard response.



One Plan- Integrated Contingency Plan

Types of Hazards Covered:

- Major spill or release of hazardous material to air, soil, or water (river)
- Toxic release to air
- Explosion
- Major Fire
- Complete Refinery Shutdown
- Medical Emergencies
- Natural Hazards
- Bomb/Security Threats

Requirements fall under a number of rules:

- EPA's Oil Pollution Prevention Regulation (**SPCC** and Facility Response Plan Requirements)—40 CFR part 112.7(d) and 112.20–.21;
- USCG's **Facility Response Plan** Regulation—33 CFR part 154, Subpart F;
- EPA's **Risk Management Programs** Regulation—40 CFR part 68;
- OSHA's **Emergency Action Plan** Regulation—29 CFR 1910.38(a);
- OSHA's **Process Safety Standard**—29 CFR 1910.119;
- OSHA's **HAZWOPER** Regulation—29 CFR 1910.120; and
- EPA's **Resource Conservation and Recovery Act** Contingency Planning Requirements—40 CFR part 264, Subpart D, 40 CFR part 265, Subpart D, and 40 CFR 279.52.
- State Emergency Response Commission (SEPC and LEPC)

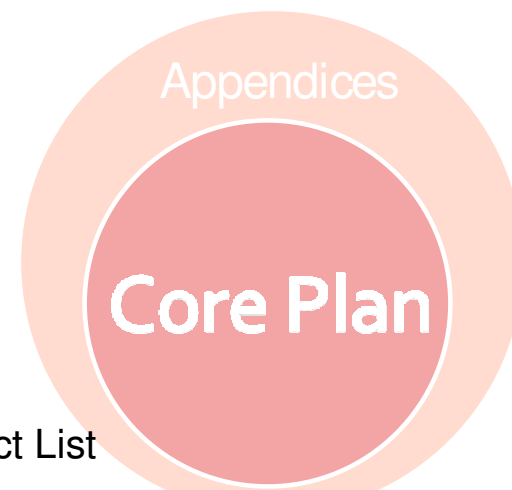
What's in it?

Core Plan Elements:

- Incident Discovery
- Emergency Response Process Initiation
- Incident-specific Response Guidelines
 - Fire and spill/ Release of oil or Hazardous substances (liquid or solid)
 - Hazardous Gas Release
 - Medical Emergencies
 - Natural Hazards
 - Bomb Threats
 - Civil Disturbances
 - Emergency Refinery Shutdown
 - Evacuations
- Sustained Actions
- Termination and Follow-up Actions

Appendices:

- ICP Contact List
- Emergency Response H&S Concerns
- Spill Contractor Information
- Spill Follow-up Procedures
- Sensitive Area Maps
- Calculations
- Media Relations
- Acronyms and Definitions
- Regulatory Program Cross-reference
- Mutual Aid Resource Manual



What Actions does Pine Bend Take?

- Document Management of Change
- Full-scale exercises, such as the 10/31/09 Dakota County Exercise
- Routine Saturday Drills
- Table-Top Drills
- Scenario Updates as the facility, processes, and equipment change
- Required Agency updates, to meet federal and state requirements for the Integrated Contingency Plan and associated requirements

Core Plan



QUESTIONS?

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