

INTRODUCTION

Scope

This plan describes the Corporate Emergency Response Plan (CERP) for all of Elmworth Energy Corporation's operations in Alberta and Nova Scotia. This plan will be supplemented by other Site-Specific Emergency Response Plans, Corporate Health and Safety Manuals, and Pipeline Operations and Maintenance Manuals, where developed. The procedures which will be implemented in whole or in part, if an emergency situation occurs during any phase of Elmworth's operations including, but not limited to, the following types of incidents/accidents:

- Serious injury or fatality.
- Fire or explosion.
- Uncontrolled or hazardous product release.
- Oil or hazardous chemical spill.
- Telephone threat, extortion or bomb threat.
- Hostage taking or ransom.

Purpose

The purpose of the CERP is to:

- Protect human health, safety and welfare.
- Assist personnel in determining the appropriate responses to emergency situations.
- Provide personnel with established procedures and guidelines to:
 - Notify the appropriate Elmworth Emergency Response Team Members and Government Agencies.
 - Manage public/media relations.
 - Notify the next of kin.
- Promote communications to ensure a "Company Wide" co-ordinated emergency response.
- Minimize the effects disruptive events can have on company operations by reducing recovery times and costs.

Company Emergency Report Forms

Company Emergency Report Forms are contained in Section 9.0 – *Company Emergency Report Forms*, and are to be utilized with every incident/accident or event. These forms are to be used as a reporting tool to assist responders in obtaining and verifying the appropriate information. The information recorded in these forms will also assist in post-emergency evaluation.

202



Summary of ERP Implementation

As defined by Directive 71 the Emergency Planning Zone (EPZ) is a "Priority area surrounding a well, pipeline, or facility where immediate response actions are required in the event of an emergency." The EPZ is determined utilizing methodology that delineates the area of greatest immediate impact from an uncontrolled release of hydrogen sulphide (H₂S) or HVP product.

However, for the purpose of this CERP, the EPZ will be considered as the hazard area requiring isolation, surrounding the incident site. The initial EPZ may be expanded based on the nature of the incident, the product being released (if any), mobile air monitoring results and topographic features.

All incidents/accidents or events which have the potential to impact operations will be reported to Elmworth's senior on-site employee or representative, who will assume the On-Scene Commander's role and initiate the CERP, in consultation with the Off-Site Emergency Response Manager. The Off-Site Emergency Response Manager will communicate the details of the emergency to the Corporate Emergency Response Manager. The urgency will depend on the severity of the situation.

The Corporate Emergency Response Manager will be responsible for the overall emergency response, verifying that the appropriate procedures are implemented to control and minimize the effects of the emergency situation. If the situation is of large magnitude (Level 2 or 3 Emergency), the Corporate Emergency Response Manager will immediately notify the Corporate Commander and additional personnel and/or consultants will be assembled to provide direction and support to the Field and Corporate Emergency Response Team members.

Determination of Authorities

This Emergency Response Plan is written to comply with the Alberta Energy and Utilities Board's Directive 71 – Emergency Preparedness and Response Requirements For the Upstream Petroleum Industry, and with the Canada Standards Association's CSA-Z731 – Emergency Preparedness and Response. Where a Regulatory or Government Agency, specific to the Province of Alberta is stated, the equivalent for Nova Scotia will be assumed. The equivalencies are outlined in the table below.

Agency	Equivalent
Alberta Energy & Utilities Board	Nova Scotia Department of Energy
Alberta Municipal Affairs: Emergency Management Alberta	Nova Scotia Emergency Management Office
Workplace Health & Safety	Occupational Health & Safety Division
Workers' Compensation Board	Nova Scotia Environment and Labour Workers' Compensation Board
Alberta Sustainable Resource Development	Nova Scotia Environment and Labour Environmental Emergencies
Alberta Infrastructure and Transportation	Nova Scotia Department of Transportation and Public Works
Alberta One-Call	Maritimes & Northeast Pipeline Call Before You Dig
Stars Air Ambulance	EHS Lifelift



SECTION 1.0 EMERGENCY LEVELS

To appropriately respond to an emergency situation, it is critical to first assess and define what level of emergency you are at and the appropriate responses. This section outlines each level of emergency considering risk, control, containment, impact on public safety and the environment. Possible response activities are also outlined here. However, for detailed responder duties please refer to Section 2.0.

Contents:

1.0	Emergency Levels	2
1.1	Emergency Definition	2
1.2	Emergency Criteria	2
<i>Table</i> 1.1	<i>Emergency Criteria Matrix and Response</i>	3

201




Emergency Response Training & Exercises

All responders in this emergency response plan will be trained on how to use this document when it is issued to them, as well as an annual review outlining any changes. An annual emergency simulation, designed to test the Emergency Response Plan, will be conducted. All personnel with emergency responsibilities will participate in the simulations to ensure a complete understanding of their response duties. The CERP will be reviewed and revised, if necessary, after any simulation exercise or incident that requires activation of the CERP. Post-incident reviews will be conducted to evaluate the effectiveness of the plan and to ensure proper documentation and community follow up is completed.

Amendments

This CERP will be reviewed and updated annually, or as required, by the Corporate Emergency Response Manager. All amendments will be distributed to each individual plan holder who will be responsible for incorporating them as they are received. A record of all amendments will be maintained utilizing the Revision Log contained at the front of this plan.

As a registered holder of this plan, you have an obligation to assist in the maintenance of accurate up to date information. If you detect an error in the plan, or subsequent to its revision publication date, become aware of any changes to any information contained herein, please forward such information as soon as possible to:

 **Intergroup Companies**
Safety and Emergency Response Specialists
Attn: Manager, Emergency Response Services

Suite 200, 10325 Bonaventure Drive SE
Calgary, AB T2J 7E4
O: (403) 253-9138 (24 Hrs.) F: (403) 253-9446

1.0 EMERGENCY LEVELS

1.1 Emergency Definition

An emergency will be considered as any operational incident/accident, or event resulting in, or having the potential to result in injury, loss of life, pose a threat to the safety of the general public, or a situation that may cause environmental damage or significant loss or damage to company or personal property. Examples include:

- An accident, including vehicle, which results in or could result in loss of life, injury or property damage.
- Plant, pipeline and facility fires, explosions, ruptures or blowouts.
- Major damage to company property or equipment.
- Significant hazardous product releases or other chemical spills which may be harmful to personnel or the environment, including toxic gas releases or leaks (e.g.: H₂S or SO₂).
- Security related incidents involving issues such as extortion, bomb threats or acts of vandalism.
- Hostage taking/ransom situations.
- Natural occurrences such as severe weather conditions including: earthquakes, floods, forest fires and tornadoes.
- Business interruptions involving loss of process or product.
- Third party or public involvement.

1.2 Emergency Criteria

All incidents are classified as either an Alert or an Emergency (Level 1, 2, or 3). Incidents that can be handled on-site through normal operating procedures are typically defined as alerts, while those with a more complex resolution are usually defined as emergencies. *Table 1.1 – Emergency Criteria Matrix and Response* considers the risk, control, containment, and impact on safety and the environment in arriving at a classification. Elmworth will declare a level of emergency when one or more of the control, containment, and impact criteria are met.

