



7 EMERGENCY RESPONSE PLAN

7.1 Emergency Response

The Project Emergency Response Plan (ERP) will be implemented throughout all phases of the Project. The following sections focus on the implementation of the plan during the operations phase of the Project.

The purpose of the plan is to establish and maintain emergency procedures required for effectively responding to accidents and other emergency situations, and for minimizing losses. Potential emergency scenarios which could occur during the operations phase include fire, personal injury and spills. In the rare instance that the wind generating facility exceeds operational parameters or there is an emergency, the appropriate regulatory agencies, Township of North Stormont, and Aboriginal communities will be notified using the procedures outlined in Section 7.5.

If there is an emergency, the operator will contact the following representative at Nation Rise Wind Farm Limited Partnership:

Tod Nash

Regional Operations Manager
Nation Rise Wind Farm Limited Partnership
110 Spadina Ave., Suite 609
Toronto, ON M5V 2K4
(315) 874-4200

The general contractor will be responsible for establishing and maintaining specific construction and decommissioning related emergency response procedures to be implemented during these phases.

7.2 Fire Response

Fire extinguishers will be in compliance with applicable Ontario regulations and strategically located throughout the Project area in appropriately designated places such as Project vehicles and the substation electrical building. If a fire occurs, Project personnel will attempt to extinguish it, but only if and when it is safe to do so. All Project personnel on-site during the life of the Project will be trained in fire response safety procedures including how to use an extinguisher. If there is any risk of personal injury, extinguishing the fire will not be attempted and the local fire department (and ambulance if necessary) will be called immediately. Project personnel will also notify the occupants at all adjacent properties immediately if the fire appears to be spreading beyond the Project site.

During operations, appropriate signage will be in place that includes instructions to call 911 and the phone number of the operator or owner representative of the Project, should an emergency arise. In the event of an emergency, Project personnel on site will contact 911 and the Project Proponent. All incidents will be documented and kept on file. Documentation will include: date of incident, date of reporting, name of reporter, description of the incident, cause of the incident, actions taken, communications to outside groups and internal personnel, and follow-up, as required.

7.3 Personal Injury Response

The Proponent will be responsible for work during the operations phase to establish their own Health and Safety programs in accordance with the *Ontario Occupational Health and Safety Act* (OHSA). If a personal injury was to occur that did not require immediate ambulatory assistance, the injured worker would be taken to the local hospital. The Project field office will house first aid supplies as well as maps to the local hospital. An up-to-date list of all personnel with first aid and cardiopulmonary resuscitation (CPR) training will also be kept on display in the Project field office. Should a personal injury which requires an ambulance occur, Project personnel will call 911 and Project personnel trained in first aid and/or CPR will provide immediate assistance until the ambulance arrives. In all cases of personal injury, the Proponent and Contractor, if applicable, will be notified immediately and the injury will be properly documented (as stated in the OHSA). Documentation will include: date of incident, date of reporting, name of reporter, name of the injured, description of the incident, cause of the accident, actions taken, communications to outside groups, and internal personnel, and follow-up, as required.

7.4 Spills Response

The following spills procedures are based on the procedures outlined in the MOE's "Spills Reporting – A Guide to Reporting Spills and Discharges" [9]. Spills and the types of spills that require reporting are defined in the *Ontario Environmental Protection Act* and *Ontario Regulation 675/98* "Classification and Exemption of Spills and Reporting of Discharges".

To mitigate the potential for spills during operations, the Applicant will be responsible for ensuring that the Project follows the guidelines as set out by the MOECC.

- A designated Site Environmental Inspector will be appointed. This person will be responsible for ensuring that a spill clean-up procedure/emergency response plan will be prepared, have the appropriate equipment, and have all staff trained in proper implementation in the event of a spill;
- Emergency contacts will be posted. The list will include the Site Project Manager, Site Health and Safety Manager, Site Environmental Inspector, 911, Police, Fire Department, MOECC Spills Action Centre, and other contacts as required;
- Potentially hazardous materials, fuels and lubricants will be stored in the laydown area, in an impervious, protected, bermed area that is at least 30 m from any watercourses. All refuelling and equipment maintenance activities will be conducted at specified locations;
- Equipment will be monitored to ensure it is well maintained and free of leaks;
- Any spill will be cleaned-up immediately and reported accordingly; and
- In the event of a spill, the MOECC Spills Action Centre will be contacted immediately, as required by provincial regulations.

The use of the aforementioned best management measures will prevent negative effects to soils, groundwater, surface water, vegetation and terrestrial or aquatic biota. However, spills that could potentially occur during operations that may need to be reported to the MOECC include:

- Non-approved releases/discharges (including those to land, air and water);
- Discharge of fluids greater than 100 L from a vehicle;
- Mineral oil releases greater than 100 L from an electrical transformer or gearbox; and

- Discharges (including sediment) to water bodies.

The MOECC Spills Action Centre phone number (1-800-268-6060) will be posted at the Project field office.

Any incidents of spills will be immediately documented, kept on file and sent to the MOECC, as required. The documentation will include: date of incident, date of reporting, name of reporter, description of the incident, cause of the incident, type and amount of material spilled, actions taken, method(s) of disposal taken, communications to outside groups and internal personnel, and follow up as required.

7.5 Communications Plan

During all phases of the Project, including operations, a sign will be erected within the vicinity of the Project location which will include a Project phone number (toll free) and website, should the public have any questions, inquiries or complaints. Inquiries will be directed to the Proponent who will respond to the inquiry accordingly. Each question, inquiry and complaint will be logged electronically with the following information: date of question, inquiry or complaint, name, phone number, e-mail address of the individual, response, date of response, and any follow-up, as required.

The following agencies will be contacted by the Proponent's representative by phone within four hours of the occurrence of an operational exceedance/emergency:

- The MOECC (including the Spills Action Centre, if applicable); and
- The Township of North Stormont.

A hard copy incident response report will be provided within 24 hours of phone or e-mail contact. This report will include the following information:

- The parameter exceeded;
- The magnitude of the exceedance; and
- The mitigation measures implemented, including details of first responders (e.g., fire department, emergency medical services), if required.


The following individuals will be contacted, as applicable, within four to eight hours of an operational exceedance or emergency:

- Stakeholders and local community members; and
- Aboriginal communities.

Local community members will be notified through direct mailing and posting in the local weekly newspaper and media, as deemed necessary. The Aboriginal communities will be asked to assign a key contact for emergency purposes. Information will also be sent to the local band office for distribution to their members.

Prior to commencing construction, the Proponent will distribute copies of the detailed ERP to the Township of North Stormont, local residents, and Aboriginal communities. The Proponent will have a standard ERP that includes information on the:

- Designation of facility emergency coordinators;

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- Emergency services orientation and coordination;
 - Process description;
 - Objectives;
 - Administration;
 - Regulatory references;
 - Training;
 - Facility location information;
 - Informational signage;
 - Facility emergency procedure;
 - Immediate site evacuation procedure;
 - Delayed site evacuation procedure;
 - Personnel injuries/serious health conditions;
 - Fire response plan;
 - Chemical/oil spills and releases; and
 - Weather-related emergencies.

The ERP is comprehensive enough to include procedures applicable to the construction, operations and decommissioning phases of the Project. Methods and paths for communication to regulatory agencies and the public will not change throughout the different Project phases.