

**Licence No.: 2261**

**Licence Issued: May 23, 1997**

IN ACCORDANCE WITH THE MANITOBA ENVIRONMENT ACT (C.C.S.M. c. E125)  
THIS LICENCE IS ISSUED PURSUANT TO SECTION 11(1) TO:

**MANITOBA HYDRO; "the Licencee"**

for the construction, operation and maintenance of the Development being the Neepawa 230 kV Station located in NE 27-14-15W in the Town of Neepawa, in accordance with the Proposal filed under The Environment Act dated March 25, 1997, and subject to the following specifications, limits, terms and conditions:

**DEFINITIONS**

In this Licence:

"**A-weighted sound level**" means the sound level measured in dB with a sound level meter set on the A-weighting network; a filter designed to approximate the relative sensitivity of the normal human ear to different frequencies of sound. The unit of measurement is denoted **dB**A;

"**dB (decibel)**" means a dimensionless measure of sound level or sound pressure level where

sound level =  $20 \log_{10}$  of {sound pressure (actual)}/{sound pressure (reference)};

"**dB**A" means a denotation used to indicate a unit of sound measurement;

"**Leq(1)**" means the **Leq** level for a 1 hour period; and

"**Leq (Lequivalent )**" means the equivalent **A-weighted sound level** and is the intensity (**dB**A) of the constant or steady sound level that would result in exposure to the same total A-weighted energy as would the specified time varying sound, if the constant sound level persisted over an equal time interval.

**GENERAL TERMS AND CONDITIONS**

This Section of the Licence contains requirements intended to provide guidance to the Licencee in implementing practices to ensure that the environment is maintained in such a manner as to sustain a high quality of life, including social and economic development, recreation and leisure for present and future Manitobans.

1. The Licencee shall, during construction, ensure that any fuel storage areas established for the construction of the Development are located a minimum distance of 100 meters away from waterbodies including wetlands and that the storage areas comply with the requirements of *Manitoba Regulation 97/88R - Storage and Handling of Gasoline and Associated Products*.
2. The Licencee shall ensure that all used petroleum products and other hazardous wastes generated by the machinery used in the construction and operation of the Development are collected and disposed of in accordance with Manitoba Environment and legislative requirements.
3. The Licencee shall, prior to construction, provide a copy of this Licence to each contractor involved in the construction of the Development.

**SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS**

4. The Licencee shall, prior to commencement of construction activities for the oil containment facilities at the Development, shall prepare and submit for the approval of the Director, Plans and Specifications for the construction, supply and installation of oil containment equipment to be included as part of the Development.

- The oil containment Plans and Specifications shall be approved by the Director prior to the commencement of construction of the oil containment facilities at the Development.
5. The Licencee shall construct and install the oil containment equipment as described in the Plans and Specifications approved by the Director as required by Clause 4 of this Licence.
  6. The Licencee shall, prior to the commencement of construction activities related to the Development, submit to the Director for approval, a Neepawa 230 kV Station Environmental Protection Plan (EPP) for the works to be undertaken during the related construction. The EPP shall describe the approach to be used by the Licencee to monitor the effects of construction activities and related environmental conditions both during and after construction to ensure that mitigative measures are applied systematically and in manner consistent with the commitments made in the *Neepawa 230 kV Station Environmental Impact Statement, March 1997*.
  7. The Licencee shall not cause or permit emission of sound from the station which when measured beyond the property line of the station in a residential area exceeds an hourly equivalent [Leq(1)] sound level of 45 dBA during the hours of 11:00 p.m. to 7:00 a.m. local time.
  8. The Licencee shall, prior to construction of the Whitemud River crossing upgrade, review plans for the crossing with the Department of Natural Resources Fisheries Branch and with the Regional Fisheries staff in Brandon.
  9. The Licencee shall, during construction, adhere to the recommendations specified in the *Recommended Fish Protection Procedures for Stream Crossings in Manitoba, May 1996*, which relate to the prevention of increased sedimentation and/or the introduction of deleterious substances into any waterway.
  10. The Licencee shall, between April 1 to June 15 of each year of construction of the Development, cease all construction activities that may impact upon the Whitemud River stream channel and which may affect fish mobility and fish habitat.
  11. The Licencee shall, prior to April 1 of each year during construction, ensure that disturbed areas at the construction site are rip-rapped to limit erosion and sedimentation in the Whitemud River during the spring freshet.
  12. The Licencee shall use wood poles treated with chromated copper arsenate (CCA) in wet areas on any wood pole structures associated with the Development.
  13. The Licencee shall, at the completion of the construction of the Development, landscape and vegetate all erosion prone areas at any waterway associated with the Development.
  14. The Licencee shall, during the full term of the construction of the Development, cleanup and deposit debris from the construction site at a disposal ground operating under the authority of a permit issued pursuant to *Manitoba Regulation 150/91* respecting *Waste Disposal Grounds*.

#### REVIEW AND REVOCATION

- A. If, in the opinion of the Director, the Licencee has exceeded or is exceeding or has or is failing to meet the specifications, limits, terms, or conditions set out in this Licence, the Director may, temporarily or permanently, revoke this Licence.
- B. If, in the opinion of the Director, new evidence warrants a change in the specifications, limits, terms or conditions of this Licence, the Director may require the filing of a new proposal pursuant to Section 11 of The Environment Act.

"original signed by"  
**Larry Strachan, P. Eng.**

**Director  
Environment Act**

**Client File No.: 4244.00**