

Environment Act Licence

Manitoba
Environment



Licence No. 1742

Issue Date FEBRUARY 4, 1994

In accordance with the Manitoba Environment Act (C.C.S.M. c. E125)

THIS LICENCE IS ISSUED TO:

MANITOBA HYDRO: " the Licencee"

for the construction and operation of the Development being a 230 - 25 kV station and known as the Grand Rapids Station, located on SW 1/4 22-48-13 WPM 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; being a filter designed to approximate the relative sensitivity of the normal human ear to different frequencies of sound. The unit of measurement is denoted **dBA**;

"**dB (decibel)**" means a dimensionless measure of sound level or sound pressure level where $\text{Sound level} = 20 \log_{10} \frac{\text{pressure (actual)}}{\text{pressure (reference)}}$;

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

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

"**Leq (Lequivalent)**" means the equivalent **A-weighted sound level** and is the intensity (**dBA**) 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.

SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS

1. The Licencee shall construct the Development in accordance with the document titled ***Submission of Proposal For A Licence In Accordance With The Environment Act For A New 230-25 kV Distribution Station Located At Grand Rapids***, filed in support of the Environment Act Proposal, dated September 29, 1993.
2. The Licencee shall, prior to commencement of construction at the Development, 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 "Plans and Specifications" shall be approved by the Director prior to the commencement of construction at the Development.
3. 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 2) of this Licence.
4. 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 Leq (1) level of 45 dBA during the hours of 10:00 p.m. to 7:00 a.m. local time. 45 dBA level is based on the Province of Manitoba, "GUIDELINES FOR SOUND POLLUTION."

REVOCATION

If in the opinion of the Director the Licencee has exceeded or is exceeding the limits, or has not complied or is not complying with the specifications, terms or conditions set out herein, the Director may revoke, temporarily or permanently, this Licence.



Larry Strachan, P.Eng.
Director

File No: 3670.00