

Environment Act Licence

Manitoba
Environment



Licence No. 1579

Issue Date JULY 29, 1992

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

THIS LICENCE IS ISSUED TO:

MANITOBA HYDRO: " the Licensee"

subject to the following specifications, limits, terms and conditions for the construction, operation, and maintenance of the Development known as the Split Lake Transmission Complex. The Development involves an upgrade of the Kelsey Switching Station, the construction of a 138 kV transmission line linking power from the Kelsey Switching Station to the Community of Split Lake, a transformer station located near the Community of Split Lake, distribution lines to the Community of Split Lake and facilities and equipment related to the Development.

DEFINITIONS

In this Licence:

"A-weighted sound level" means the sound level measured with a sound level meter set on the A-weighted 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. 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 (equivalent continuous sound level) means a constant or steady A-weighted sound level which, over a specified period of time, has the same total A-weighted energy as the actual fluctuating sound.

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SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS

- 1) The Licensee shall construct the Development in accordance with the preferred transmission line route and station site identified within *Parts A, B and C of the Split Lake Transmission Line Project Site Selection and Environmental Assessment*, filed as part of the Environment Act Proposal, dated April 30, 1992, and in accordance with the additional information filed as *Part D: Environmental Assessment Study*.
- 2) The Licensee shall construct all stream crossings related to the Development in accordance with the Manitoba Department of Natural Resources Guidelines titled *Recommended Fish Protection for Stream Crossings in Manitoba* and "*Recommended Buffer Zones for Protecting Fish Resources in Lakes and Streams in Forest Cutting Areas*."
- 3) The Licensee shall adhere to the Department of Natural Resources *Forest Damage Appraisal and Valuation* policy with respect to timber removal and forest damage related to the Development.
- 4) The Licensee shall use mechanical vegetation control for the Development. Chemical vegetation control shall require prior review and approval by the Director.
- 5) The Licensee shall, prior to commencement of construction activities at the Split Lake Transformer Station submit for the approval of the Director Plans and Specifications for the construction, supply and installation of oil containment equipment at the Split Lake Transformer Station. The Plans and Specifications must be approved by the Director prior to the commencement of construction of the Split Lake Transformer Station.
- 6) The Licensee shall construct and install the oil containment equipment as described in the Plans and Specifications approved by the Director.
- 7) The Licensee shall ensure that the emission of sound from the Split Lake Transformer Station, when measured beyond the property line of the station in a residential area, does not exceed a Leq(1) of 45dBA during the nighttime hours 10:00 p.m. to 7:00 a.m. local time.
- 8) The Licensee shall submit to the Director, prior to commencement of construction activities of the Development, the *Split Lake Transmission Line Project Field Guide*.

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REVOCATION

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



Larry Strachan, P.Eng.
Director

File No: 3462.00