

# Environment Act Licence

Manitoba  
Environment



Licence No. 1555

Issue Date MAY 19, 1992

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

THIS LICENCE IS ISSUED TO:

## MANITOBA HYDRO: " the Licencee"

subject to the following specifications, limits, terms and conditions for the construction, operation, and maintenance of the Development known as the Flin Flon Transmission Line Improvements, located in the City of Flin Flon area, at and along a linear right-of-way between Manitoba Hydro's Cliff Lake and Ross Lake Stations ( north and northwest of the City respectively ) :

### DEFINITIONS

In this Licence:

"A-weighted sound level" means the sound level measured 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. Sound level =  $20 \log_{10} \frac{\text{pressure (actual)}}{\text{pressure (reference)}}$

"**dB(A)**" means a denotation used to indicate a unit of sound measurement.

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


"**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.

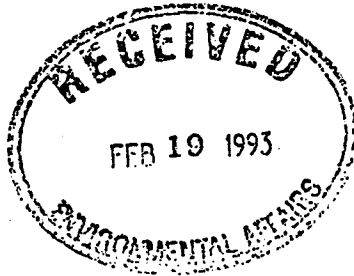
**SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS**

- 1) The Licencee shall construct the Development in accordance with the Environment Act Proposal, dated February 27, 1992.
- 2) The Licencee shall ensure that the emission of sound from the Cliff Lake Station and The Ross Lake Station, when measured beyond the property line of the station in a residential area, does not exceed a Leq(1) of 45 dBA during the nighttime hours 10:00 p.m. to 7:00 a.m. local time. This measurement shall be based on The Province of Manitoba, " SOUND POLLUTION GUIDELINES."
- 3) The Licencee shall, prior to commencement of construction activities, submit for the approval of the Director plans and specifications for the construction, supply and installation of oil containment equipment at the Cliff Lake and Ross Lake Stations. The Plans and Specifications must be approved by the Director prior to the commencement of construction of the development.
- 4) The Licencee shall construct and install the oil containment equipment as described in the Plans and Specifications approved by the Director.
- 5) The Licencee shall not
  - (a) use or permit the use of pesticides; or
  - (b) dispose or permit the disposal of hydrocarbonswithin the drainage area of the Hudson Bay Mining and Smelting freshwater reservoir and Cliff Lake.

**REVOCATION**

If in the opinion of the Director the Licencee has exceeded or is exceeding the specifications, limits, terms or conditions set out herein, the Director may revoke, temporarily or permanently, this Licence.

  
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Larry Strachan, P. Eng.  
Director



February 17, 1993

W. L. Everett  
Manager  
Environmental Assessment &  
Licencing Department  
Box 815  
Manitoba Hydro  
Winnipeg MB R3C 2P4

NAME	ACTION	INFO.	INT.
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Dear Mr. Everett:

**RE: FLIN FLON AREA TRANSMISSION LINE IMPROVEMENTS  
ENVIRONMENT ACT LICENCE # 1555**

I am in receipt of your correspondence dated February 2, 1993, concerning Manitoba Hydro's proposed alterations to the Transmission Line improvements in the Flin Flon area.

The proposed facilities constitute a minor alteration to the Flin Flon area Transmission Line improvements approved under Environment Act License #1555, issued to Manitoba Hydro on May 19, 1992. The request to implement the proposed changes outlined in your letter of February 2, 1993 are hereby approved in accordance with Section 14 (2) of the Environment Act. This approval specifically permits the following proposed changes:

- expansion of the Cliff Lake Station to the south;
- the addition of three capacitor banks;
- the addition of three vacuum breakers; and
- replacement of one minimum oil breaker with a SF6 circuit breaker.

Should concerns arise during the construction which you feel that this Department should be made aware of, please notify Steve Davis, Director, Northern Region, Provincial Building, 3rd St. & Ross Ave., Box 2550, The Pas MB R9A 1M4. Mr. Davis may also be contacted by telephone at 623-6411.

Yours truly,

Larry Strachan, P.Eng.  
Director

