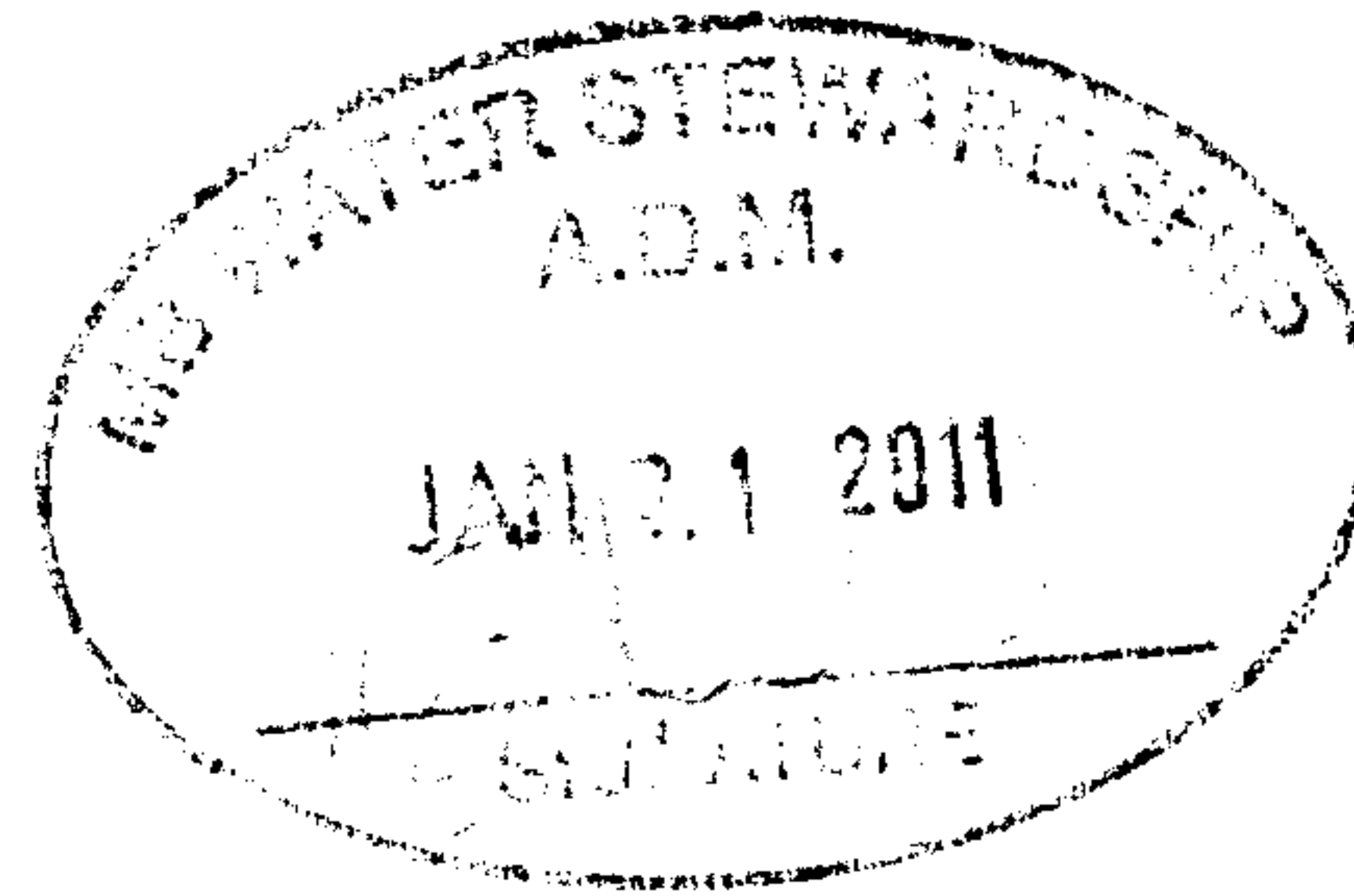


2012 02 09

Our file #00193-07311-0009_00

Mr. D. Williamson
Assistant Deputy Minister
Water Stewardship Division
Manitoba Conservation and Water Stewardship
Box 11, 200 Saulteaux Cresc.
Winnipeg MB R3J 3W3



Dear Mr. Williamson:

Re: **LIMESTONE GENERATING STATION WATER POWER ACT LICENCE**

Manitoba Hydro hereby requests a Final Licence for Limestone Generating Station under the provisions of Water Power Regulation being Manitoba Regulation 25/88R. Subsection 43(1) of this Regulation and condition 18 of the Interim Licence provides for the issuance of a Final Licence upon completion of the project and observance of the Interim Licence conditions.

The Limestone Generating Station was constructed under the authority of Interim and Supplementary Interim licences dated July 9, 1976 and October 15, 1984 respectively. Work at the Limestone site first began in 1976 and the cofferdam was completed in 1978. In late 1978, the decision was made to suspend the Limestone project based upon a dramatic reduction in the expected demands for electricity. In 1985 construction work resumed and the project was completed on September 29, 1992. Manitoba Hydro operates the Limestone Generating Station in accordance with these licences and has fulfilled all the requirements necessary for the issuance of a Final Licence.

Manitoba Hydro has entered into agreements, processes and programming to address adverse effects with First Nations, communities and resource user groups along the Nelson River. These arrangements were often established in collaboration with the federal and/or provincial governments in tripartite and four-party agreements. On-going programming is implemented in the Limestone area to address environmental, cultural and heritage concerns via the Coordinated Aquatic Monitoring Program, the Nelson River Sturgeon Board, and archaeological programming.

Mr. D. Williamson

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Manitoba Hydro has longstanding working relationships with First Nations, communities and resource user groups along the Nelson River. As part of the final licensing process, Manitoba Hydro will carry out additional public involvement with local people and Limestone stakeholders.

Should you have any inquires on this matter or additional process requirements, please contact me at 360-3018.

Yours truly,

Originally Signed by W.V. Penner

W.V. Penner, P.Eng.

Manager

Hydraulic Operations

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Att.

Copies as per attached list

**REQUEST BY MANITOBA HYDRO FOR A FINAL LICENCE FOR THE
DEVELOPMENT OF WATER POWER
AT THE LIMESTONE SITE ON THE NELSON RIVER
December 2011**

**SUBMITTED TO:
INFRASTRUCTURE AND OPERATIONS DIVISION
WATER STEWARDSHIP**

Manitoba Hydro hereby requests a final licence for the development of water power at the Limestone site on the Nelson River. This request is made under the provision of Section 43(1) of Water Power Regulation 25/88R. This section in part states, "Upon the completion of the initial development ...the interim licensee shall be entitled to a final licence..." The undertaking was completed on September 29, 1992.

The Limestone project includes a reinforced concrete powerhouse and intake structure, an adjoining reinforced concrete spillway, a main earth dam, an earth fill abutment, a dyke, transmission lines and all necessary machinery and equipment for the development, generation, transformation and transmission of electric power for industrial and general purposes.

The following are provided in compliance with sections 44 and 45 of the Water Power Regulation 25/88R. The particular subsections are noted in italic parenthesis.

a. Name and address of licensee: (44 (a)(i))

Manitoba Hydro
360 Portage Ave.
Winnipeg, Manitoba
R3C 0G8

b. Name and location of power site: (44 (a)(ii))

The name of the power site is known as the Limestone Generating Station. The project generates electricity from the waters of the Nelson River.

c. Interim and Supplementary Interim Licences authorizing the undertaking: (44 (a)(iii))

The interim and supplementary interim licences authorizing the existing works are dated July 9, 1976 and October 15, 1984 respectively. They are correspondingly identified as the "INTERIM LICENCE FOR THE DEVELOPMENT OF WATER POWER, Limestone Site, Nelson River" and "SUPPLEMENTARY INTERIM LICENCE FOR THE DEVELOPMENT OF WATER POWER, Limestone Site, Nelson River"

Manitoba Hydro submits that it has observed and fulfilled all the requirements necessary for the issuance of a Final Licence. Upon the direction of Manitoba Water Stewardship, a report can be prepared to support this statement.

d. The maximum flow or quantity of water which may be diverted (44 (b))

The maximum flow of water diverted is approximately 170,000 cfs.

e. Maximum Permissible Storage (44 (b))

The maximum permissible storage of water as stated in Article 15 (b) of the Interim Licence is 280.0 (feet) above mean sea level, Canadian Geodetic Datum. This can not be exceeded except by prior written permission of the Minister.

f. Position and Extent of Works: (44 (c))

Lands of the Province required for entering, occupation, maintenance and operation of the undertaking are broadly described as located along the Nelson River from the Long Spruce Generating Station to about one mile below Limestone Rapids.

g. Place of Diversion (44 (c)(i))

Water is impounded above, and diverted and used at this hydro-electric station on the Nelson River located at approximately latitude 56° 31' longitude 94° 05'. The water is returned at the same place within the natural river channel.

h. Principle Works (44 (c)(ii))

The principle works of the development are listed below. Drawings showing these will be provided under separate cover:

- A reinforced concrete powerhouse and intake structure including transition structures and service bay containing ten (10) turbines and generators for hydro-electric generation purposes. The capacity is 1,480,000 HP or 1,104 MW (The plant capability is currently 1,340 MW because of the increased head until Conawapa is completed).
- A reinforced concrete spillway with seven (7) gates located approximately in the center of the river adjoins the powerhouse. The spillway includes transition structures.
- The north abutment extends from the west end of the powerhouse and spillway structure to the left bank of the river. This is a layered earthfill structure, including a bank cut-off.
- The main dam extends from the east end of the powerhouse and spillway structure to the right bank of the river. This is a layered earthfill structure including a bank cut-off.
- The west dyke adjoins the north abutment and extends in an upstream direction parallel to the left bank of the Nelson River. This dyke is a layered sand fill embankment.

i. Description of Lands Required: (44 (d))

The lands required will be shown on plans submitted under separate cover.

j. Use of Undertaking: (44 (e))

The purpose of the project is to generate electricity to satisfy the licensee's obligations under The Manitoba Hydro Act, including domestic power requirements and export marketing opportunities.

k. Rentals: (44 (f))

Water and land rentals have been paid in accordance with sections 44 and 48 of the Regulation.

l. Severance line: (44 (g))

The severance line will be determined by mutual agreement in accordance with Section 44 (g) of the Regulation.

m. Term of Licence: (45 (1))

Manitoba Hydro requests that the term of this Final Licence be 50 years, as permitted under Section 45 of the Regulation.

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Fox Lake Cree Nation
PO Box 369
Gillam, MB R0B 0L0

Chief Duke Beardy & Council
Tataskweyak Cree Nation
General Delivery
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Chief Betsy Kennedy & Council
War Lake First Nation
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Chief Louisa Constant & Council
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