

DEPARTMENT OF MINES, RESOURCES AND ENVIRONMENTAL MANAGEMENT
WATER RESOURCES BRANCH

LICENSE AMENDING FINAL LICENSE

DATED MARCH 10, 1966 FOR THE DEVELOPMENT OF WATER POWER

Kelsey Site, Nelson River

Issued in accordance with the provisions of the Water Power Act, Chapter W70, Revised Statutes of Manitoba, 1970, and amendments, and of the Regulations in force thereunder to govern the mode of granting and administering Provincial water-power rights.

WHEREAS Manitoba Hydro, a corporation duly incorporated by Act of the Legislature of the Province of Manitoba and whose head office address is 820 Taylor Avenue in the City of Winnipeg, (hereinafter called "the Licensee") by Final License dated March 10, 1966, issued in accordance with the provisions of the Water Power Act, R.S.M. 1954, Cap. 288 (hereinafter called "the Act"), was granted the right to impound, divert and use waters of the Nelson River at and near the Kelsey site; to develop electric power and energy from the said waters; to generate, transmit, distribute, sell and deliver the said electric power and energy and for that purpose to use and occupy certain lands of the Province; and to operate and maintain the undertaking, the location and description of which are shown upon certain record plans filed in the office of the Director of the Water Resources Branch (hereinafter called "the Director"), at Winnipeg; and,

WHEREAS the development authorized to be maintained and operated by the Licensee by the said Final License includes five vertical turbines each of 42,000 horsepower capacity, and all plant machinery and equipment for the complete development, generation and transmission of the electric power available at the said Kelsey site, all as shown by plans and descriptions thereof filed in the office of the Director at Winnipeg; and,

WHEREAS the Licensee, by Interim License dated January 4, 1968 issued in accordance with the provisions of the Act and Section 68 of the Manitoba Water Power Regulations, being Manitoba Regulation 95/45 and all amendments thereto (hereinafter called "the Regulations") was granted the right to construct, operate and maintain a sixth turbine at the Kelsey site to supplement the then existing five turbines, along with other machinery required for the development,

generation, transformation and transmission of additional electric power amounting to forty-two thousand (42,000) horsepower measured on the turbine shaft, and to construct a headblock, draft tube and tailrace deck in which a seventh vertical turbine may be installed in the future, and to construct a protective concrete bulkhead at the east end of this seventh unit, all as shown by plans and descriptions thereof filed in the office of the Director at Winnipeg; and,

WHEREAS under the authority of the said Interim License the Licensee has completed construction of the sixth turbine at the Kelsey Site as of June 27, 1969, along with the machinery required for the development, generation, transformation and transmission of additional electric power amounting to forty-two thousand (42,000) horsepower, measured on the turbine shaft, and other works so authorized to be constructed by the said Interim License; and,

WHEREAS the Licensee by letter dated August 6, 1969, signed by J.F. Funnell, Secretary and Legal Officer, has filed with the Director an application for a License amending the said Final License; and,

WHEREAS the Licensee has fully complied with the requirements of the Regulations insofar as it is required for the issue to the Licensee of this License amending the said Final License; and,

WHEREAS the Licensee has duly executed an acceptance of the terms and conditions of this License amending the said Final License and has undertaken to observe and fulfil all the terms and conditions which under this License and under the Regulations the Licensee is required to observe or fulfil; and,

WHEREAS it is deemed expedient and advisable to issue a License amending Final License dated March 10, 1966;

NOW THEREFORE, under authority of and subject to the provisions of the Water Power Act, R.S.M. 1970, Cap. W70, and the Regulations, this License is issued amending Article 2 of Final License dated March 10, 1966 by deleting said Article and substituting therefor the following:

2. The undertaking authorized to be maintained and operated by the Licensee under this Final License shall comprise the following: at the north end of an intake channel cut across neck of land on the west bank of the river, a reinforced concrete powerhouse with six vertical turbines each of 42,000 horsepower capacity (which may ultimately be extended to 10 vertical turbines or such other number as may be determined by the Licensee, subject to such extension being authorized by separate license in accordance with Section 68 of the

Regulations) and a concrete structure partially completed in which a seventh vertical turbine may be installed in the future; at the east end of this powerhouse, a concrete bulkhead; a concrete spillway structure with sluice-gates on a channel cut across neck of land on the east bank of the river; a rockfill dam across the main river channel; earth and sand dykes; an aircraft landing strip located east of the spillway structure and oriented in a northwest-southeast direction; a standard gauge railway connecting the power site with the Hudson Bay Railway at Pitt Siding; various transmission lines from the powerhouse to Thompson and elsewhere; and all plant machinery and equipment for the complete development, generation and transmission of the electric power available at the said Kelsey Site, all as shown by plans and descriptions thereof filed in the office of the Director at Winnipeg, as follows:

Manitoba Water Resources Branch File Number	Licensee's File Number	Description
51-4-1029	724-D-1003 (Rev. 3)	General Plan of Powerhouse Sluiceway and Dam
51-4-3002	111-R-0225 (Rev. 0)	Plan Showing Location of Structures and Cross Sections of Structures
51-4-3003	724-C-2006 (Rev. 2)	Sluiceway and Wingwall Plan Elevation and Sections General Arrangement
51-4-3004	724-C-3211 (Rev. 3)	Powerhouse Plan Above Elevation 586' - 6" Units 3, 4, and 5 Architectural Arrangement
51-4-3005	724-C-3213 (Rev. 2)	Powerhouse Plan of Powerhouse Roof Units 3, 4, and 5 Architectural Arrangement
51-4-3009	724-C-3210 (Rev. 1)	Powerhouse Plan Above Elevation 586' - 6" Service Area and Units 1 and 2 Architectural Arrangement
51-4-3011	724-C-3216 (Rev. 1)	Powerhouse Cross Section at C.L. of Main Units Architectural Arrangement
51-4-3010	724-C-3212 (Rev. 1)	Powerhouse Plan of Powerhouse Roof Service Area and Units 1 and 2 Architectural Arrangement

Manitoba Water Resources Branch File Number	Licensee's File Number	Description
51-4-3012	724-C-3219 (Rev. 2)	Powerhouse Longitudinal Section Units 3, 4, and 5 Architectural Arrangement
51-4-3006	724-C-3215 (Rev. 1)	Powerhouse Cross Section at C.L. of House Units Architectural Arrangement
51-4-3007	724-C-3218 (Rev. 1)	Powerhouse Longitudinal Section Service Area and Units 1 and 2 Architectural Arrangement
51-4-3008	724-C-5002 (Rev. 4)	Plans and Typical Section of Dykes No. 2 East and No. 2 West
51-4-3014	0111-E-2009 (Rev. 3)	Powerhouse Roof Plan Units 5, 6, and 7 Architectural Arrangement
51-4-3016	0111-E-1013 (Rev. 2)	Powerhouse Longitudinal Sections Units 5, 6, and 7 Architectural Arrangement
51-4-3015	0111-E-1011 (Rev. 2)	Powerhouse Cross Section at C.L. of Main Units Architectural Arrangement
51-4-3013	0111-E-1006 (Rev. 2)	Powerhouse Plan at Elevation 515' - 0" Units 5, 6, and 7 Architectural Arrangement
51-4-3017 (Sht. 1)	0111-E-2223 Sht. 1 (Rev. 4)	Forebay Bulkhead Construction Joints and Pour Quantities
51-4-3017 (Sht. 2)	0111-E-2223 Sht. 2 (Rev. 3)	Forebay Bulkhead Construction Joints and Pour Quantities

All other terms and conditions of said Final License shall otherwise remain unaltered.

Issued at Winnipeg this *29* day of *April* A.D. 1971
at the direction of the Honourable the Minister of Mines, Resources and
Environmental Management.