

Amendment To Permit

Advance Copy
PP-22

Authorizing, Pursuant To Executive Order No. 10485,
British Columbia Hydro And Power Authority
(Successor To British Columbia Electric Company Limited)
To Construct, Operate And Maintain
Electric Transmission Facilities At The
International Border Between The
United States And Canada
(Federal Power Commission - Docket No. E-6588)

British Columbia Hydro and Power Authority (Applicant),
a Crown Corporation as hereinafter set forth, with its principal place of business at Vancouver, British Columbia, Canada, in an application filed March 28, 1967, pursuant to Executive Order No. 10485, dated September 3, 1953, seeks further amendment of the Permit signed by the Chairman of the Federal Power Commission on March 10, 1955, wherein Applicant's predecessor in interest, British Columbia Electric Company Limited (B. C. Electric), was authorized to construct, operate and maintain at the international border between the United States and Canada under the waters of the Strait of Georgia and through United States territorial waters certain electric

transmission facilities, all in the above docket. The aforesaid Permit has heretofore been modified by Amendments signed by the Chairman of the Federal Power Commission on July 21, 1955 and February 4, 1958, in the above docket.

Applicant requests permission to construct, operate and maintain three single conductor 260 kv submarine cables in addition to seven single conductor 132 kv submarine cables constructed by B. C. Electric pursuant to the aforesaid Permit as amended. The proposed cables will extend from the mainland of British Columbia under the waters of the Strait of Georgia and through United States territorial waters to Galiano Island, British Columbia, and thence on to Vancouver Island, British Columbia. The proposed cables will be parallel to and to the north and west of the currently authorized and existing cables. The proposed cables will be utilized, as are the existing cables, for the transmission of electric energy from the British Columbia mainland to Vancouver Island.

By letter filed March 28, 1967 in the above docket by its attorneys, Applicant, as successor to B. C. Electric, also requests that the aforesaid Permit be amended to name

Applicant as Permittee. The application filed March 28, 1967 in the above docket, together with certain exhibits submitted as part of that application, indicates that Applicant is a Crown Corporation and an agency of the Crown in the right of the Province of British Columbia, Dominion of Canada, under the provisions of the British Columbia Hydro and Power Authority Act, 1964 (Act) enacted by the Legislative Assembly of the Province; that pursuant to the Act and the Power Measures Act, 1964, of the Province, Applicant amalgamated with B. C. Electric, among others; that the amalgamation was effected by an agreement made August 20, 1965, by Applicant with B. C. Electric, among others, as confirmed by the Power Measures Act, 1966, of the Province; and that pursuant to the Act and the 1965 amalgamation agreement, B. C. Electric ceased to exist as a separate corporation and Applicant, as the surviving corporation, acquired all the properties, assets, powers, rights, privileges, concessions and franchises of B. C. Electric, among others, and assumed, subject to the Power Measures Act, 1964, of the Province, all the duties, liabilities and obligations of B. C. Electric, among others.

The Secretary of State by letter dated July 24, 1967 and the Secretary of Defense by letter dated July 17, 1967 favorably recommended that the aforesaid Permit be further amended as hereinafter provided.

Upon consideration of this matter, the Commission finds that the issuance of an Amendment to the aforesaid Permit as hereinafter provided is appropriate and consistent with the public interest.

Pursuant to the provisions of Executive Order No. 10485, dated September 3, 1953, and the Commission's Rules and Regulations thereunder, the aforesaid Permit, as amended, is further amended by substituting (1) British Columbia Hydro and Power Authority for British Columbia Electric Company Limited as the holder of the Permit, as hereby amended, and (2) the following Article 2 for Article 2 as therein contained; provided that all other terms and conditions of that Permit, as amended, shall remain in full force and effect:

Article 2. The facilities covered by and subject to this permit shall include:

- (a) Seven single conductor, 132 kv submarine cables, spaced some 500 yards apart, six of which will constitute two three-phase

circuits, each having a capacity of 120,000 kw, and one of which will constitute a spare, extending in a southwesterly direction some 14.2 miles in all from the mainland of British Columbia under the waters of the Strait of Georgia to Galiano Island, British Columbia. The proposed cables in their passage across the Strait will cross the international boundary, will pass through United States territorial waters a distance of 7.0 miles and will again cross the international boundary into Canadian waters. The terminal point of the cables on the British Columbia mainland will be located by a concrete monument at Tsawwassen Beach, situated about 1993 feet north of the international boundary between the State of Washington and British Columbia, at a point in the southwest corner of Lot 2, Timber Lot 9, Secs. 3 and 4, Township 5, New Westminster District. The terminus of the seven submarine cables on Galiano Island will also be marked by a concrete monument located at the southern tip of Taylor Bay, which is approximately 3/4 mile west of Salamanca Point. The monument is set in Lot 15, being on a bearing of S. 38° 00' W. and 186.4 feet from the N.E. corner of Lot 15, said N.E. corner being also 1365.0 feet north from the S.E. corner of Lot 15 measured along the boundary between Lots 14 and 15, Cowichan District; and

- (b) Three single conductor, 260 kv submarine cables spaced some 500 yards apart, two of which with a single ground return path will constitute two parallel circuits having a combined transmission capacity of 312,000 kilowatts at 260 k.v., 1200 amps and one of which will constitute a spare, extending in a southwesterly direction some 15.1 land

miles in all from the mainland of British Columbia under the waters of the Strait of Georgia to Galiano Island, British Columbia. The proposed cables in their passage across the Strait will cross the international boundary between Canada and the United States, will pass through United States territorial waters an average distance of some 4.2 land miles and will again cross the international boundary into Canadian waters. The terminal point of the cables will be located by a concrete monument at Tsawwassen Beach, situated at N 22°06' 30" W 18,478 feet more or less of International Boundary Monument No. 1 marking the International Boundary between Canada and the United States. The terminus of the three submarine cables on Galiano Island will be marked by a rock monument located at the high water mark of Cook's Cove and N 73° 06' W 14,972 feet more or less from Canadian Hydrographic survey station "Sally" (Salamanca Point).

The above facilities are more specifically shown and described in the applications filed November 9, 1954, May 6, 1955, November 21, 1957 and March 28, 1967 in the above docket. No substantial change shall hereafter be made in the facilities and operation thereof authorized by this permit unless and until such change shall have been approved by the Commission.

IN WITNESS WHEREOF, I, Lee C. White, have
hereunto signed my name this 24th day of August,
1967 in the City of Washington, District of Columbia.

LEE C. White
Chairman of the Federal Power
Commission