

AMENDMENT TO PRESIDENTIAL PERMIT NO. 29
AUTHORIZING MAINE PUBLIC SERVICE COMPANY
TO CONSTRUCT, OPERATE, MAINTAIN, AND CONNECT
FACILITIES FOR THE TRANSMISSION OF ELECTRIC ENERGY AT
THE INTERNATIONAL BORDER BETWEEN
THE UNITED STATES AND CANADA

PP-29-2

(Economic Regulatory Administration - Docket No. PP-29-1) (FPC Docket No. E-6752)

INTRODUCTION

Pursuant to Section 310(b) of the Department of Energy Organization Act, and Executive Order No. 12038 of February 3, 1978, amending Executive Order No. 10485, the Secretary of Energy is authorized to issue presidential permits for the construction, operation, maintenance or connection, at the borders of the United States, of facilities for the transmission of electric energy between the United States and a foreign country. The Secretary delegated that authority to the Economic Regulatory Administration (ERA) in Delegation Order 0204-4.

Maine Public Service Company (Permittee), by application filed July 3, 1978, has applied for an Amendment to the Presidential Permit signed by the President of the United States on January 3, 1948, and accepted by the Permittee on March 5, 1948, wherein Permittee was authorized to construct, operate, maintain and connect electric transmission facilities at the international border between the United States and Canada for the importation of electric energy into the United States from Canada and for the transmission of such imported electric energy between the United States and Canada.

BACKGROUND

By order of the Federal Power Commission issued October 17, 1957, in Docket Nos. E-6408, E-6409, and E-6751, (18 FPC 504) operation of the facilities in the above-mentioned Permit to transmit energy to Canada from the United States, regardless of source, was approved. Permittee now seeks authority pursuant to Executive Order No. 10485 of September 3, 1953, as

amended, to convert the existing 69,000 volt line to 138,000 volts and to transfer or replace certain existing facilities. The conversion of this existing transmission line to 138 kilovolts from 69 kilovolts is required to accommodate increases in the amount of electric energy being exported to the New Brunswick Electric Power Commission by the Permittee. Simultaneously, the capability for electric energy imports to the United States will be increased. Such electric energy exchange occurs to the benefit of both the United States and Canada. Economic as well as emergency exchanges (import and export) are possible.

The Permittee will: (1) replace 16 structures on the existing transmission line with new taller poles and new longer crossarms; (2) rebuild 13 structures with reused taller poles and new longer crossarms; and (3) replace a single pole in each of three structures with reused poles of the same height due to existing pole condition. The Permittee will also transfer and reuse existing equipment to the maximum extent. Each set of insulators will be lengthened to accommodate the higher operating voltage. The existing 266.8 kcmil ACSR conductor will be used at the higher voltage.

The Department of Energy has made a negative determination of environmental impacts resulting from the proposed conversion. DOE will, therefore, not issue an environmental impact statement on the proposed conversion. The Permittee will not clear new access roads but will use existing farm field roads to deliver and remove materials. The Permittee will do no work along river/stream banks or flood plains excepting the addition of the proposed insulators, which will be installed in the winter months by use of snow travelling equipment, taking advantage of deep snow cover.

By letter dated November 13, 1978, the Secretary of State and by letter dated November 28, 1978, the Secretary of Defense favorably recommended that the aforesaid Presidential Permit be amended as hereinafter provided.

FINDING

After consideration of the information submitted by the Permittee and other relevant information, the Department of Energy finds that this issuance of an Amendment to the aforesaid Presidential Permit, as hereinafter provided, for the purpose of permitting Permittee to (1) convert, operate, and maintain at the international boundary the aforesaid facilities for the transmission of electric energy at 138 kilovolts, uprated from 69 kilovolts, from the United States to Canada and from Canada to the United States, such replacement of supporting wood poles and transfer of equipment and conductor to accomplish the preceding is appropriate and consistent with the public interest; provided, that all activity associated with the conversion of the aforesaid facilities is undertaken substantially in accordance with the preceding description of Permittee's plans.

AMENDMENT

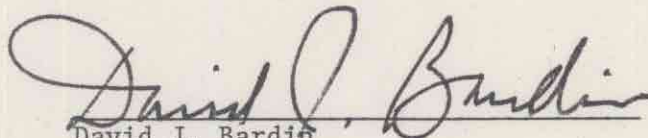
Pursuant to the provisions of Executive Order No. 10485 of September 3, 1953, as amended by Executive Order No. 12038 of February 3, 1978, and Title 18 Paragraph 32.50-32.52 Code of Federal Regulation, the aforesaid Presidential Permit is amended by substituting the following for Article 2(a) therein contained, provided that, all other terms and conditions of that Presidential Permit shall remain in full force and effect:

"Article 2(a) One three-phase transmission line operating nominally at 138,000 volts, 60 hertz, located at the International Border

between the United States and Canada at a point approximately 138 feet north of Boundary Monument No. 62 in Eastern Maine; and ...".

With the exception of facilities described above, no substantial change shall be made hereafter in the above described facilities and operations thereof authorized by this Permit until such change shall have been approved by the Administrator of ERA. With respect to the facilities described in Paragraph (a) above, the initiation of operation at 138 volts shall be reported by telegram to the Chief, System Reliability and Emergency Response Branch, ERA.

An annual report listing the electric energy imported and exported by months and the associated costs shall be submitted by February 15 of each year.



David J. Bardin
Administrator
Economic Regulatory Administration

Date:

11 December 1978

AMENDMENT TO PERMIT

pp-29-4

Authorizing, Pursuant to Executive Order No. 10485,

Maine Public Service Company

To Construct, Operate, Maintain And Connect

Electric Transmission Facilities At The

International Border Between The

United States and Canada

(Federal Power Commission - Docket No. E-6752)

Maine Public Service Company (Permittee) in an application filed December 4, 1967, seeks an amendment to the Permit signed by the Chairman of the Federal Power Commission on September 18, 1957, wherein Permittee was authorized to construct, operate, maintain and connect one 69,000 volt transmission line at the international border between the United States and Canada in eastern Maine for the transmission of electric energy between the United States and Canada, all in the above docket. Authority is currently sought for Permittee, pursuant to the provisions of Executive Order No. 10485, dated September 3, 1953, to construct, operate, maintain and connect certain additional facilities consisting of two 69,000 volt transmission lines at the international border between the United States and Canada in northern Maine for the transmission of electric energy between the United States and Canada. On December 4, 1967, Permittee also filed an application in Docket No. E-6751 for a supplemental order, pursuant to the provisions of Section 202 (e) of the Federal Power Act, authorizing Permittee to transmit electric energy from the United States to Canada over certain facilities of Permittee, including those facilities described in Article 2, as amended, below.

The Secretary of State by letter dated March 4, 1968 and the Secretary of Defense by letter dated February 14, 1968, stated that they have no objection to the issuance of the Amendment to the aforesaid Permit, as hereinafter provided.

Upon consideration of this matter, the Commission finds that the issuance of the Amendment to the aforesaid Permit, as hereinafter provided, for the purpose of authorizing Permittee to construct, operate, maintain and connect at the international border the above-described additional facilities for the transmission of electric energy between the United States and Canada, 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 is amended by substituting the following Article 2 for Article 2 as therein contained; provided that all other terms and conditions of that Permit shall remain in full force and effect:

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

- (a) One three-phase transmission line operating nominally at 69,000 volts, 60 cycles, located at the international border between the United States and Canada at a point approximately 128 feet north of boundary monument No. 62 in eastern Maine; and
- (b) Two three-phase transmission lines, operating nominally at 69,000 volts, 60 cycles, located at the international border between the United States and Canada at a point 1.2 miles east of the international bridge at Madawaska in northern Maine.

In addition to the afore-described facilities, this Permit shall include any lands and related structures within the rights-of-way occupied by such facilities, all as more specifically shown and described in the applications heretofore filed in this matter by Permittee. 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 *22* day of *March*, 1968, in
the City of Washington, District of Columbia.

Lee C. White

Chairman of the
Federal Power Commission