

October 31, 2008

NA01-CORR-00531-00001

Mr. M.A. Leblanc
Commission Secretary
Canadian Nuclear Safety Commission
P.O. Box 1046, Station B
280 Slater Street
K1P 5S9

Dear Mr. Leblanc,

Bruce Power has announced today that we are launching a long-term planning process to build between 2,200 – 3,200 MW of new nuclear on an approximately 2,000 acre parcel of land at Nanticoke. We believe the attributes of the Nanticoke site are strong and new nuclear generation in this location is consistent with the need for 14,000 MW of nuclear in Ontario.

We are hereby submitting an application to the CNSC, by way of this letter, for a site preparation licence in accordance with section 24.(2) of the Nuclear Safety and Control Act. The enclosed application contains information required by Section 3 of the General Nuclear Safety and Control Regulations, and Sections 3 and 4 of the Class 1 Nuclear Facilities Regulations. A deposit of \$25,000, as required by the Cost Recovery Fees Regulations, is also attached to this submission.

Attached is also a copy of the Project Description document for the project, which will be required for the CNSC to consider the need for an Environmental Assessment (EA), consistent with the Canadian Environmental Assessment Act.

Submission B contains information required by Section 3 of the Nuclear Security Regulations and is therefore security protected. Given the security protected nature of this information, we would ask this information be accepted on the basis it should be treated as security protected.

Bruce Power has entered into an option agreement with US Steel Canada Inc., which provides the company the authority to carry out the activity to be licensed and the EA. This document will be delivered to the CNSC early next week.

Mr. M.A. Leblanc

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If you have any questions, feel free to contact Mr. Frank Saunders, Vice-President, Regulatory Oversight Division for Bruce Power. Frank can be reached by e-mail at frank.saunders@brucepower.com or by telephone at 519-361-5025.

Regards,

Duncan Hawthorne
President & Chief Executive Officer
Bruce Power Erie, Inc.

cc: Mr. K. Lafreniere, CNSC Ottawa.
Mr. J. Clarke, CNSC-Major Projects Office
Bruce Site Office

Attach.