



AECL TECHNOLOGIES

SERVICES, TECHNOLOGY & ENGINEERED PRODUCTS

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December 19, 1989

Mr. Drew Persinko
CANDU 3 Project Manager
Project 679, OWFN
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Persinko:

Recently the design team in Sheridan Park reviewed the material transmitted to you, per your request in Frank Gillespie's letter to P. S. Lawson, dated July 6, 1989. They wish me to inform you that the safety analysis presented in the Conceptual Safety Report, Volume 2 Part 3 is no longer consistent with the current design. The analysis is based on the design described in the Conceptual Safety Report, Volumes 1 Part 2, as of March, 1989. Since then, a number of design changes have occurred, as documented in the current Technical Description, issued September, 1989. The changes do not change the fundamental plant design concepts, nor the conclusions of the supporting safety analysis. One notable change is the revision of the fuel management strategy, which leads to a reduction in peak bundle power and fuel element ratings (while maintaining fuel channel power). The impact of this change is to reduce fuel element temperature excursions with respect to the predictions in the Conceptual Safety Report. We plan to issue the Conceptual Safety Report in 1990 and we will provide you with a copy once it is available.

Very truly yours,

Louis N. Rib
Licensing Consultant
AECL Technologies

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RETURN ORIGINAL TO
DREW PERSINKO, 12-E-4

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Atlanta, Georgia

Washington, D.C.