

August 05, 2003

Our File: 108US-013210-021-001
Your File: Project No. 722

U.S. Nuclear Regulatory Commission,
Document Control Desk,
Washington, D.C. 20555

Attention: Ms. B. Sosa
Project Manager, ACR

Reference: 1. Letter V. Langman to B. Sosa, "Further to the ACR Pre-Application Plan – Detailed Deliverables and Schedule for Focus Topics", December 18, 2002.
2. Letter V. Langman to B. Sosa, "Phase 2 of ACR Pre-Application Review", July 30, 2003.

Re: **Safety Analysis Computer Code Qualification: Status and Plan**

In support of the NRC's pre-application review of the ACR, in particular focus topics # 12 (ACR Technology Base) and # 3 (Computer Codes and Validation Adequacy) of attachment 1 to Reference 1, and as committed in Reference 2, please find enclosed a CD copy containing the AECL Report 108-03510-225-001 Revision 0, "Safety Analysis Computer Code Qualification: Status and Plan".

The codes used in the ACR design and safety analysis will be qualified for their application. In most cases the codes are already qualified for use in ACR applications. In some cases, some incremental validation is required. In very few instances, modifications are required to address some new features of the ACR design. The enclosed AECL Report 108-03510-225-001 Revision 0, "Safety Analysis Computer Code Qualification: Status and Plan" describes the qualification status and plan for the primary safety analysis computer codes used for ACR.

If you have any questions on this letter and/or the enclosed information please contact the undersigned at (905) 823-9060 extension 6543.

Yours sincerely,



Vince J. Langman
ACR Licensing Manager

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/Enclosures:

- 1. A CD containing the AECL Report 108-03510-225-001 Revision 0, "Safety Analysis Computer Code Qualification: Status and Plan", July 2003.**