



Lawrence Livermore National Laboratory

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Yucca Mountain Project

John J. Linehan, Director
Repository Licensing & QA Project Directorate
Division of High-Level Waste Management
Office of Nuclear Material Safety & Safeguards
US Nuclear Regulatory Commission
White Flint North 4H3
Washington, D.C. 20055

REFERENCE: LLYMP8911022 dated 10/26/89, Letter to Les Jardine from Carl Gertz

SUBJECT: Response to (NN1-1990-0330) Request for Transmittal of Yucca Mountain Project Office (YMPO) Participant Computer Codes to the US Nuclear Regulatory Commission (NRC)

Dear Mr. Linehan:

The purpose of this letter is to transmit computer programs TRUMP and NO TRUMP, updated version of TRUMP, developed at Lawrence Livermore National Laboratory. Transmittal of TRUMP and NO TRUMP were requested by the referenced letters which recognized that the codes and documentation might be in different states of development. Neither code has been documented in accordance with NUREG 856 nor verified and validated at this time. Both codes and associated documentation were developed prior to the implementation of a qualified Quality Assurance Program on the Yucca Mountain Project.

The TRUMP code (#771) will be superseded by a qualified code or will be documented and verified under a qualified Quality Assurance Program prior to the License Application Design Waste Package Performance Assessment at LLNL.

A copy of the code itself is being transmitted from the National Energy Software Center at Argonne National Laboratory. This agency has an agreement with the NRC to provide computer codes as requested. To receive additional copies, the following is their address:

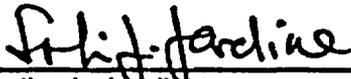
Argonne National Laboratory
National Energy Software Center
Attn: Jan Carter
9700 South Cass Ave.
Argonne, IL 60439

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The PANDORA code which was also requested, is still under active development at LLNL. It is in the final stages of documentation. Upon its release, we will send you the necessary documentation.

If you have any further questions, please feel free to contact me at (415) 423-5032 or FTS 543-5032.



Leslie J. Jardine
Technical Project Officer

LJ/GK/ec
Activity #N/A

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