

May 11, 2001

Mr. Gerard van Dijk  
NRG Nuclear Research  
P.O. Box 25  
1755 ZG Petten  
The Netherlands

Dear Mr. van Dijk,

While participating in the NRC Code Applications and Maintenance Program, NRG obtained the RELAP5 code. I believe you have made modifications to the code in order to analyze the Modular High Temperature Gas-Cooled Reactor (MHTGR) design. As you may be aware, the NRC is developing the capability to analyze the Pebble Bed Modular Reactor that is being designed by Eskom. We would appreciate it if you could make the MHTGR modifications available to the NRC.

We would also look forward to continuing our collaboration. Our current efforts focus on the development of a consolidated code that will encompass the functionality of RELAP5, TRAC-P, TRAC-B and RAMONA, and the development of a graphical user interface, SNAP, for both RELAP5 and the consolidated code. SNAP is currently in a testing phase. Please contact me to discuss a suitable arrangement. I can be contacted at [fxe@nrc.gov](mailto:fxe@nrc.gov) or (301) 415-5741.

Sincerely,

**/RA/** Original signed by Jack E. Rosenthal for:

Farouk Eltawila, Acting Director  
Division of Systems Analysis and Regulatory Effectiveness  
Office of Nuclear Regulatory Research

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