

January 17, 2007

Dr. Hideo Nakamura  
Manager  
Thermohydraulic Safety Research Group  
Nuclear Safety Research Center  
Japan Atomic Energy Agency  
2-4 Shirakata Shirane  
Tokai-mura, Naka-gun, Ibaraki-ken, Japan 319-1195

Dear Dr. Nakamura:

As part of the assessment of our thermal hydraulic code TRACE, we have used select data from the Rig of Safety Assessment (ROSA) IV Facility, as indicated below, to compare them with the values calculated by the TRACE code.

ROSA-IV Tests SB-CL-01, SB-CL-05, SB-CL-14, SB-CL-15, SB-CL-16, and  
SB-CL-18 (total 6 tests)

A list of data tags used in the comparison with TRACE-calculated values is enclosed for your review. Once assessed, the TRACE code will be used to evaluate vendors' and licensees' analysis results. In order to inform the public of the technical basis and the validity of the calculation results of the TRACE code, we need to release our code assessment reports which will include the above-mentioned ROSA-IV test data to the public .

We would like to ask your permission to release the above data to the public. Since our assessment reports are not ready to be sent to you, we are sending you the enclosed instrument tag list so that you understand which data are used in our assessment reports. We would appreciate receiving your response as soon as possible.

Sincerely,

***/RA/ L. Dudes, Acting Deputy Director***  
Christiana Lui, Deputy Director  
New Reactors and Computational Analysis  
Division of Risk Assessment and Special Projects  
Office of Nuclear Regulatory Research

Enclosure:  
List of Instrument Tags Used  
in the ROSA-IV Section of the  
TRACE Assessment Report

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