

January 17, 2007

Mr. Reinhard Zipper
Head
Research Management Division
GRS, Schwertnergasse 1
50667 Koln, Germany

Dear Mr. Zipper:

As part of the assessment of our thermal hydraulic code TRACE, we have used select data from the Upper Plenum Test Facility (UPTF), as indicated below, to compare them with the values calculated by the TRACE code.

UPTF Test 5B (Run 62), Test 6 (Runs 131, 132, 133, 135, and 136),
Test 7 (Runs 200, 201, 202, 203), and Test 21 (Runs 272 and 274).

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 UPTF test data to the public.

We would like to ask your permission to release the above test 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 & Special Projects
Office of Nuclear Regulatory Research

Enclosure:
List of Instrument Tags Used
in the UPTF Section of the
TRACE Assessment Report

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TRACE Assessment Report

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