

January 17, 2007

Dr. Hajime Akimoto
Unit Manager
Div. Nuclear Data and Reactor Engineering
Nuclear Science and Energy Directorate
Japan Atomic Energy Agency
Tokai-mura, Ibaraki-ken, Japan 319-1195

Dear Dr. Akimoto:

As part of the assessment of our thermal hydraulic code TRACE, we have used select data from the Cylindrical Core Test Facility (CCTF) and the Slab Core Test Facility (SCTF), as indicated below, to compare them with the values calculated by the TRACE code.

1. CCTF Core II Runs 55, 58, 62, 63, 64, 67, and 71 (total 7 tests), and
2. SCTF Core II Runs 604, 605, 606, 607, 611, 621, and 622 (total 7 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 CCTF and SCTF 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
CCTF and SCTF Sections of the
TRACE Assessment Report

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Enclosure 2: ML070090446

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