

OFFICE OF THE SECRETARY
CORRESPONDENCE CONTROL TICKET

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ACTION OFFICE: EDO

To: Sheron, RES

AUTHOR: Bob Leyse

AFFILIATION: ID

ADDRESSEE: Dale Klein

SUBJECT: Compound acronyms

Cys: EDO
DEDMRS
DEDR
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AQ
OIS

ACTION: Appropriate

DISTRIBUTION:

LETTER DATE: 02/28/2007

ACKNOWLEDGED No

SPECIAL HANDLING: Made publicly available in ADAMS via EDO/DPC

NOTES:

FILE LOCATION: ADAMS

DATE DUE:

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CHAIRMAN - DOWN WITH COMPOUNDED ACRONYMS (Or whatever they are called.)

From: <
To: <Chairman@NRC.gov>
Date: 02/28/2007 12:22 PM
Subject: DOWN WITH COMPOUNDED ACRONYMS (Or whatever they are called.)

The TRACE acronym stands for TRAC/RELAP Advanced Computational Engine, reflecting its ability to run both RELAP5 and TRAC legacy input models.

The above is lifted from ML031290399, and it is enough to drive a thinking person nuts. Below are a few of the related paragraphs from that ML of almost four years back.

Release of the Beta Version of the TRAC/RELAP Advanced Computational Engine (TRACE, formerly TRAC-M) Thermal-Hydraulic System Analysis Code

Over the last several years, RES has actively pursued a program of code consolidation and modernization for its reactor safety thermal-hydraulic analysis codes. The culmination of this program will be the initial public release of the TRACE (formerly called TRAC-M) code at the end of calendar year 2003. An important milestone in this effort is the release of a beta version of this software to CAMP members on April 30, 2003.

TRACE is a two-phase, two-fluid thermal-hydraulic reactor systems analysis code. The TRACE acronym stands for TRAC/RELAP Advanced Computational Engine, reflecting its ability to run both RELAP5 and TRAC legacy input models. It includes a three-dimensional kinetics module called PARCS for performing advanced analysis of coupled core thermal-hydraulic/kinetics problems and has recently been linked to CONTAIN, providing the capability to perform integrated reactor analysis at levels of efficiency and accuracy not previously possible. Recent and planned improvements to the code will also give TRACE the ability to model advanced reactor types such as ESBWR and ACR 700.

RES is now using TRACE to perform confirmatory analysis for AP1000, address various other safety issues and plans to use it in future ESBWR and ACR 700-related applications.

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