

Distribution  
Central File *W/O Encl.*  
RSB R/F  
RSB S/F: Research  
JGuttman R/F  
NLauben  
BSheron  
JGuttman

NOV 09 1984

MEMORANDUM FOR: Louis Shatkin, Chief  
Experimental Programs Branch, RES

FROM: Brian W. Sheron, Chief  
Reactor Systems Branch, DSI

SUBJECT: COMPUTER CODE ASSESSMENT FOR  
BOTH RELAP5 AND TRAC

As you and your staff are aware, RSB has reviewed the Ginna steam generator tube rupture event in considerable detail. It is our belief that the event poses significant challenges to any thermal-hydraulic computer program. Therefore, we recommend that you consider both TRAC-PF1/MOD1 and RELAP5/MOD2 be benchmarked against the Ginna data. (Note that the CSNI PNG-2 task group on code assessment also selected Ginna SGTR for the proposed international verification matrix).

We understand that funding has been allocated at LAML to benchmark TRAC with this event. Consistent with our June 13, 1984, code user need letter, we believe it is important and necessary that appropriate funding be allocated to provide for benchmarking RELAP5 against this event as well.

Enclosed for your information and use is a PC disc containing a TRAC-PF1/MOD1 deck for Ginna. This deck was developed by ANL under contract to RSB. Additional information required to complete these assessments can be obtained by contacting Jack Guttman of my staff.

We appreciate your cooperation on this matter.

Original signed by:  
Brian W. Sheron

Brian W. Sheron, Chief  
Reactor Systems Branch  
Division of Systems Integration

8411270092 ~~8411270092~~  
ALLEN-05000044

XA  
IP

cc: R. Bernero  
R. W. Houston  
Z. Rosztoczy  
S. Bassett

CONTACT: J. Guttman, RSB  
X29442

\*PREVIOUS CONCURRENCE SHEET ON FILE W/RSB.

50-244

*D/16*

OFFICE	DSI:RSB*	DSI:RSB*	DSI:RSB			
SURNAME	JGuttman;jf	NLauben	BSheron			
DATE	11/08/84	11/08/84	11/9/84			