

Room 436

File A11

Nov. 27, 1979

S.H. Hanauer:

The following is my response to your note dated Nov. 26, 1979, which you requested to be in your hands by COB 11/27, today.

Activities which will determine the nature of the solution to the USI addressed by TAP A-11 continue to evolve. The two problem areas are the analysis and the data base; other aspects (annealing, dosimetry and rpr information system) are generally moving rather well. Of course, the problem areas are critical to the TAP completion. The logic, as I see it, is:

1. Sandia/DOE contract final report draft was reviewed; conclusion: it does not do the job (see me for elaboration).
2. Parks and McMeeking agreed to provide further analysis; they will submit cost/time estimates to Sandia which must decide if more money will be spent.
3. If not, we are back to square one on analysis.

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4. If further work is funded and if it reaches the stated goal, we still will have only a best effort estimate.
  - there is not and will not be an exact analysis for comparison
  - there should be an effort to apply the analysis to experimental results (e.g., the HSST ITV data) so we will have some means for evaluating the worth of the method.
5. Paul Paris won't touch the problem so long as Mario Gomez is involved.
6. Conclude: a rpr analysis is no closer than the end of June, 1980.
7. Also, elastic-plastic fracture data appear unacceptable.
8. A-11 can not be completed because the analytical and experimental sub-tasks have not been done on time.

R E Johnson

TAP A-11 Manager

cc : Aycock  
Mooney  
Hazelton

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