

The complete implosion calculation is being set up for Maniac (LASL) and SEAC (Washington) operation.

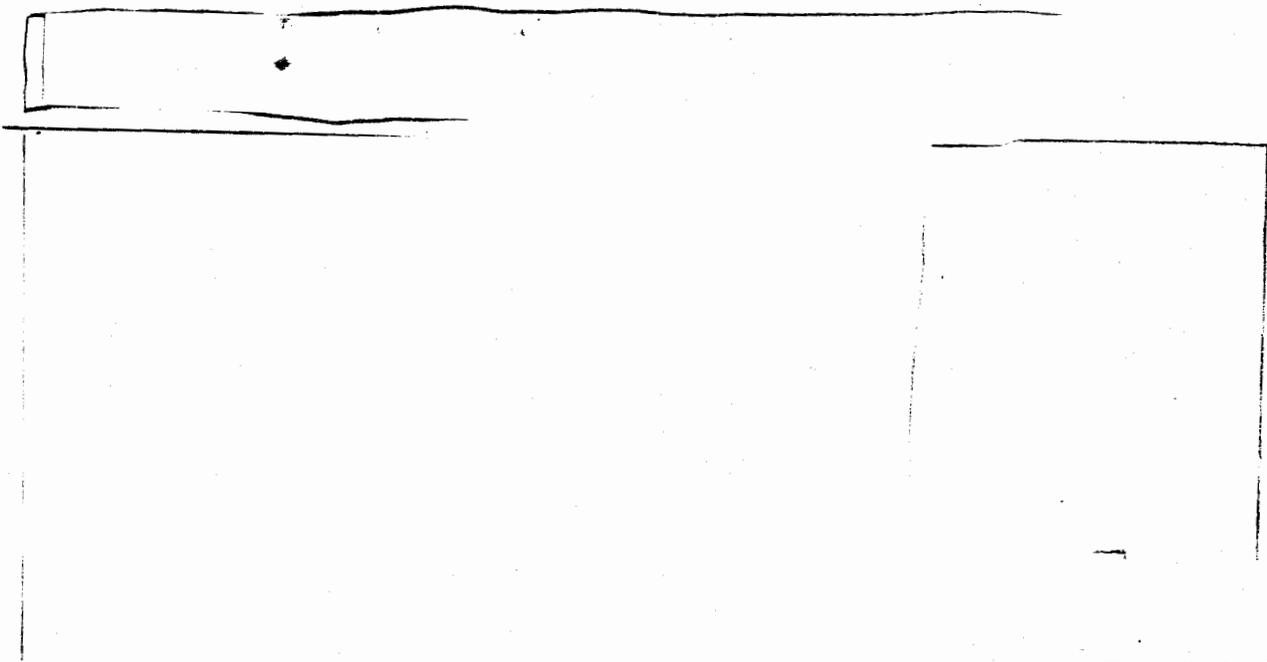
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3. Radiation Similarity Solutions (Rosenbluth, Barfield)

The similarity solutions reported previously (section 5.1 of 20th minutes with graphs in 21st minutes) were rerun with the new equation of state of Reitz for this region and the change in opacity values as reported in the 23rd minutes.



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in μsec and θ in kev.

Here t is

The current optimistic guess that the new opacity values will result in a reduction of the flux by a factor of about two is therefore erroneous.

4. Radiation Flow down the Channel

4.1) Broyles-Freeman Calculations

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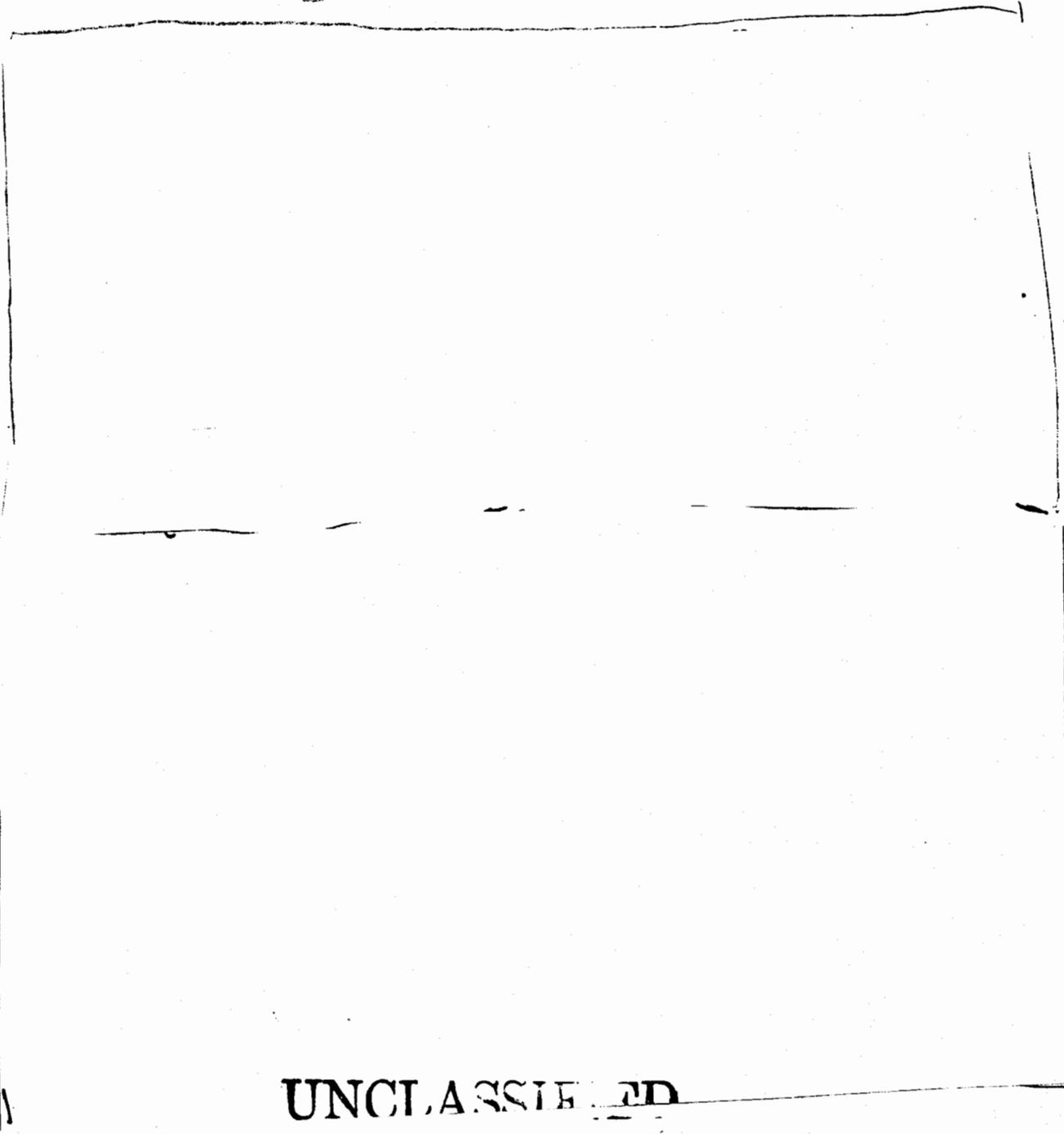
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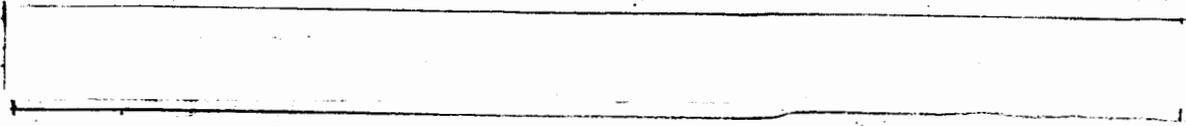


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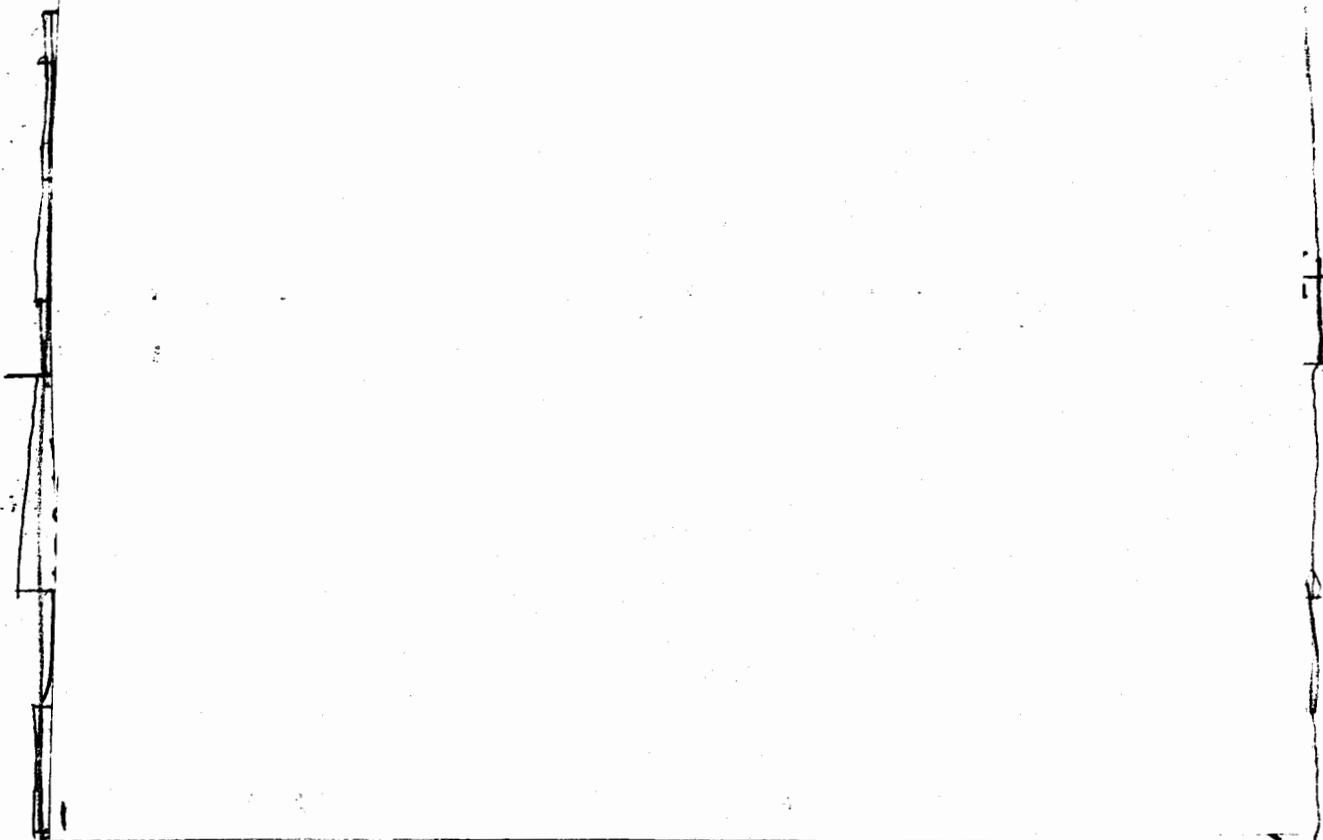
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4.2) de Hoffmann, M. Goldstein and Stein Calculations

Stein summarized the results of four problems. These are continuations of the calculations discussed in the 21st-23rd minutes.



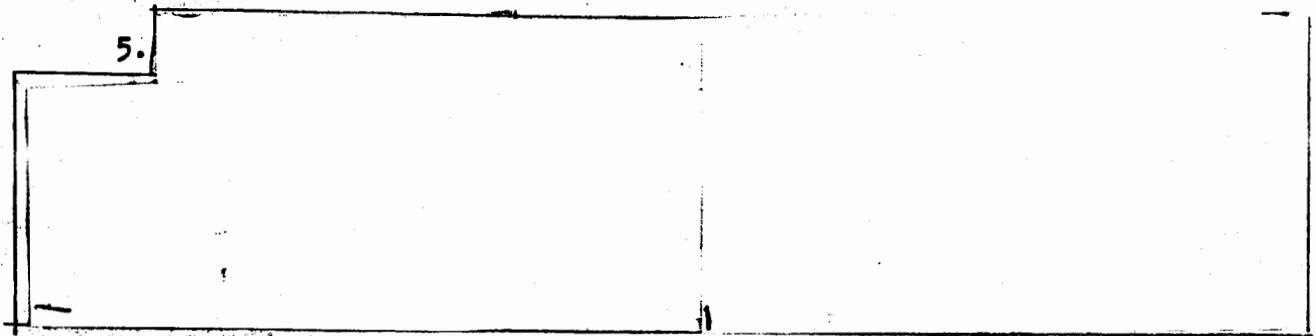
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Graphs and tables showing the results of these problems are given in the accompanying TM-54 Report.



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