

LAM D-908 I

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11.

Number of mean free paths for inelastic scattering of 14 Mev neutrons are as follows

Number of MFP

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... the attenuation was in doubt by a factor 10, one would still have a good measure of the compression.

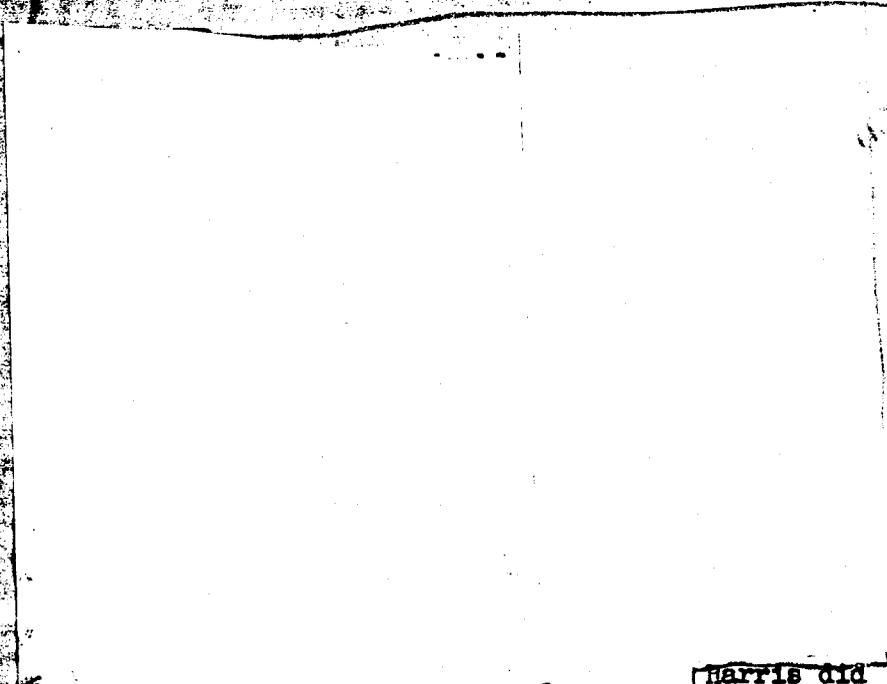
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Harris did not consider the results would justify the effort. Long range observation will yield time of beginning and end of burning and thus propagation time.



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It was decided by the TM Group to request now (a) the long distance observations and (b) what it would mean in effort to get the information which requires close detectors plus collimation plus shielded coaxial cable.

2e. AFSWP is preparing to measure air blast, thermal radiation, contamination by gamma radiation, ground shock, and water waves. The last two will be atypical and consequently be determined only by simple means.

3. Steel case test for Snapper.

de Hoffmann presented results of some CPC calculations of rate of growth of "Taylor instability" for three SEAC implosion problems (2, 4, and 101).



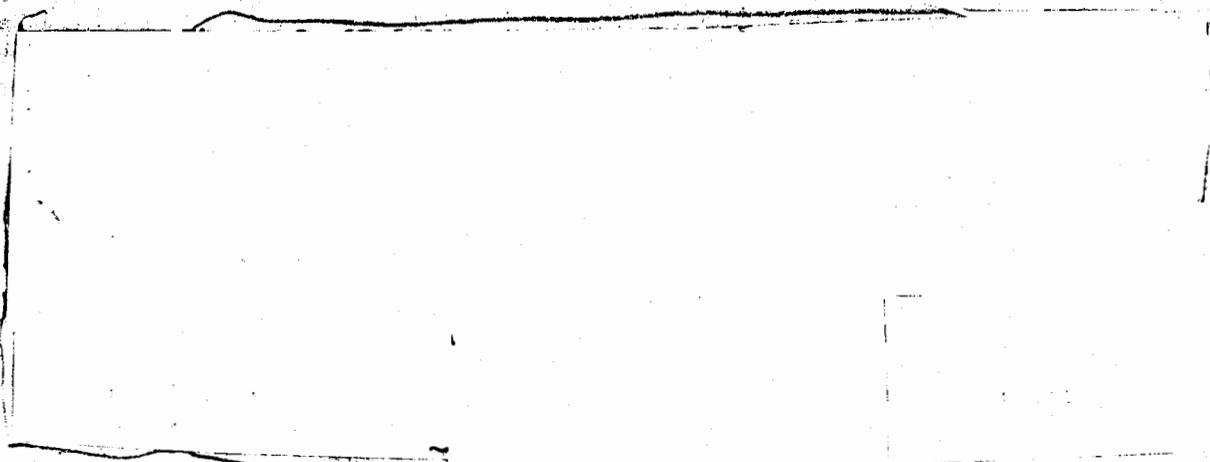
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With a non-linear combination of wave lengths the picture may be much worse.



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4. Handbook of nuclear data.

Mark thought that a handbook containing such nuclear data as recommended cross-sections would be desirable.

Tuck and Devaney have agreed to try and compile such a handbook. Group members were asked to provide them with suggestions as to information desired.

Tuck pointed out that the usefulness of such a compilation was dependent on early availability.

R. W. Goranson
R. W. Goranson

RWG:11

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