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Symbol: TM-40

Group Ref: TMG-M18

This document consists of 5 pages, 1 F16

N 2

February 25, 1952

6 pgs  
total

MINUTES OF THE EIGHTEENTH MEETING OF THE THEORETICAL MEGATON GROUP

20 February 1952

1. The eighteenth meeting of the TMG convened at 9:00 AM on Wednesday, February 20, 1952 in the W-Division Conference Room. These present were:

G. Bell  
H. A. Bethe  
N. E. Bradbury  
A. A. Broyles  
E. D. Cashwell  
F. de Hoffmann  
B. E. Freeman  
D. K. Froman  
W. B. Goad  
R. W. Goranson  
G. M. Grover  
F. C. Hoyt  
H. Kahn

G. M. Wing

R. M. Landshoff  
C. L. Longmire  
J. C. Mark, Chairman  
L. W. Nordheim  
L. G. Peck  
O. W. Rechard  
F. Reines  
J. R. Reitz  
R. D. Richtmyer  
M. Rosenbluth  
P. R. Stein  
J. L. Tuck  
S. M. Ulam

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1ST REVIEW DATE:	2/20/52
AUTHORITY:	DOE DIRECT
NAME:	G. M. Wing
2ND REVIEW DATE:	9/2/52
AUTHORITY:	DOE DIRECT
NAME:	

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2.

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being probably too high and especially if it be checked against similarly set parameters.

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to ask that this be done.

It was decided

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The fast neutrons as obtained by Rosen from Greenhouse were assumed to be prompt.

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Bethe questioned the assumed H.E. transmission factor as being probably too high and proposed that it be checked experimentally at Pajarito.

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The above estimate was considered to be conservative in the sense of indicating the worst situation.

It was concluded that even if the number were doubled it would still be a negligible effect.

2.3) Radiation Flow into the Channel (de Hoffmann).

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The problem is to estimate the amount of energy produced at the shock head which is dissipated as radiational energy over the whole region.

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R.W.Goranson  
R. W. Goranson

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Distribution:

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5A - S. W. Burris  
6A - B. G. Carlson  
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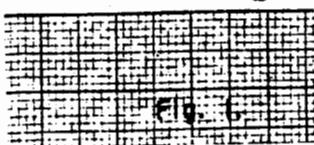
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