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LAMP-929

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WD Family
RESTRICTED DATA

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DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1ST REVIEW DATE: 03/19/96	EXEMPTION (CIRCLE NUMBER)
AUTHORITY: <input type="checkbox"/> AD <input type="checkbox"/> AS <input type="checkbox"/> AUC <input type="checkbox"/> AUCD <input type="checkbox"/> AUCS <input type="checkbox"/> AUCS	<input checked="" type="checkbox"/> EXEMPTION REMOVED
NAME: <i>WANDA</i>	<input type="checkbox"/> CHANGED TO DECLASSIFIED INFO
2ND REVIEW DATE:	<input type="checkbox"/> CLASSIFICATION CANCELLED
AUTHORITY: ADD	<input type="checkbox"/> CLASSIFIED INFO BRACKETED
NAME:	<input type="checkbox"/> OTHER (SPECIFY)

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Symbol: TM-1

Group Ref: TMG-M5

November 9, 1951

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MINUTES OF THE FIFTH MEETING OF THE THEORETICAL MEGATON GROUP

2 November 1951

1. The fifth meeting of the TMG was held on November 2, 1951 at 8:30 AM in the Reines Raum. Those present were:

- | | |
|-----------------|----------------------|
| G. Bell | R. B. Lazarus |
| H. A. Beths | C. L. Longmire |
| W. Bouricius | J. C. Mark, Chairman |
| N. E. Bradbury | N. Metropolis |
| A. A. Broyles | L. W. Nordheim |
| F. de Hoffmann | L. G. Peck |
| J. J. Devaney | J. R. Reitz |
| D. K. Froman | F. Reines |
| R. W. Goranson | R. D. Richtmyer |
| F. C. Hoyt | P. R. Stein |
| R. M. Landshoff | J. L. Tuck |
| | M. C. Walske |

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW

1. REVIEW DATE: 2-26-72

2. AUTHORITY: E.O. 11652, 11652a, 11652b

3. NAME: A. A. Broyles

4. 2ND REVIEW DATE: 7-10-72

5. AUTHORITY: AEC

6. NAME: A. A. Broyles

7. DETERMINATION (CIRCLE NUMBER(S))

1. CLASSIFICATION RETAINED

2. CLASSIFICATION CHANGED TO:

3. CONFIDENTIAL

4. COORDINATE WITH CLASSIFIED INFO

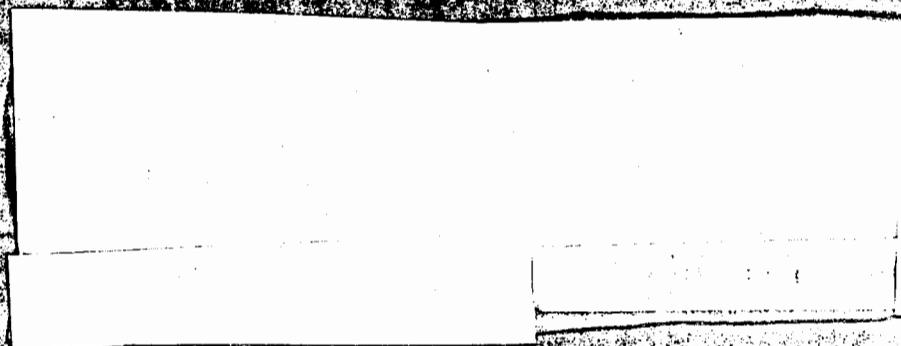
5. CLASSIFICATION CANCELLED

6. CLASSIFIED INFO BRACKETED

7. OTHER (SPECIFY)

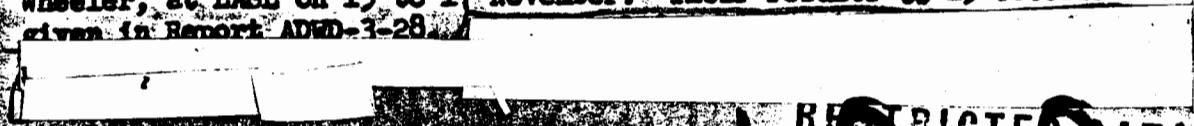
2. The first topic was concerned with setting a weekly time of meeting for the group. Wednesday or Thursday morning was equally acceptable to everyone. Wednesday morning was chosen in order to have available the W-Division conference room.

3. Mark reviewed the time schedule as set forth by Holloway on 31 October. This schedule is based on an October 1952 test date and sets the schematic design date as the first week in January.



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4. Project Matterhorn will be represented by five people, including Wheeler, at LASL on 15 to 17 November. Their results to 15 October are given in Report ADWD-3-28.



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be supplied by de Hoffmann.

These times are to

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6.

[Redacted]

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7. Bethe reviewed the hydrodynamic implosion histories of SEAC problems 101, 9, and 4.

[Redacted]

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Richtmyer and Longaire questioned the argument of Bethe as an unavoidable conclusion.

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[REDACTED]

DOE
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There is an uncertainty as to the temperature of the deuterium and it was suggested that the yield be considered assuming a high σ_v .

[REDACTED]

(Since this meeting there have been certain developments which lead to a more optimistic time schedule.)

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9. [REDACTED]

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[REDACTED]

DOE
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Reitz felt that a satisfactory equation of state could be prepared in a month.

[REDACTED]

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10.]

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There was also some discussion concerning the possibility of case tests at Eniwetok.

It was the opinion that eventually such a study of cases would be requested but that no present plans would be made for any such future tests.

11.

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Reines was asked to look into various alternatives, and how complicated these would be in shielding and in time resolution.

12.

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It was anticipated that this would have no influence on the final compression but might affect time scales.

R. W. Goranson

R. W. Goranson

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Distribution:

- 1A - H. H. Barschall
- 2A - W. Bourcius
- 3A - M. E. Bradbury
- 4A - S. W. Burriss
- 5A - B. G. Carlson
- 6A - F. de Hoffmann
- 7A - B. E. Freeman
- 8A - D. K. Froman
- 9A - R. W. Goranson
- 10A - M. G. Holloway
- 11A - F. C. Hoyt
- 12A - E. H. Jette
- 13A - R. M. Landshoff
- 14A - B. B. Lazarus
- 15A - C. L. Longaire
- 16A - J. C. Mark
- 17A - N. Metropolis
- 18A - L. W. Nordheim
- 19A - L. G. Peck
- 20A - F. Reines
- 21A - R. D. Richtmyer
- 22A - P. R. Stein
- 23A - J. L. Tuck
- 24A - ~~XXXXXXXXXX~~ F. Hammel-J.C.Potts
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- 27A - ~~XXXXX~~ - H. Mayer
- 28A - ~~XXXXX~~ - R. Spence
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- 30A - File

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