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Kurchatov's Evaluation of Niels Bohr's Questioning

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Summary:

Evaluation by the scientific director of the Soviet nuclear project, Igor Kurchatov, of the interview with Niels Bohr.

Original Language:

Russian

Contents:

Translation - English

Top secret
EVALUATION

of the answers given by Professor Niels BOHR to the questions on the atomic problem.

Niels BOHR was asked two groups of questions:

1. Concerning the main directions of the work.
2. Those containing concrete physical data and constants.

Definite answers were given by BOHR to the first group of questions.

BOHR gave a categorical answer to the question about the use of methods for obtaining uranium 235 in the USA, which completely satisfied the correspondent member of the Academy of Science Prof. [Isaak Konstantinovich] KIKOIN, who put this question.

Niels BOHR made an important remark dealing with the effectiveness of using uranium in the atomic bomb. This remark must undergo a theoretical analysis, which should be the task of Professors [Lev Davidovich] LANDAU, [A.B.] MIGDAL, and [Isaak I.] POMERANCHUK.

Academician /KURCHATOV/

" " of December 1945