Robert L. Corsbie, Chief, Civil Defense Liaison Branch, Div. of Biology and Medicine. MEETING IN OFFICE OF RICHARD W. ALGER, JUNE 22, 1951. IN CONNECTION WITH BLAST DATA RESULTING FROM ENIMETOK TESTS.

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R. W. Alger, Deputy Chief, Construction Engineering Branch, Division of Production.

L. G. Mohr, Project Engineer, Construction Engineering Branch, Division of Production.

Sherwood B. Smith, Technical Adviser to the Chief, ATSWP.

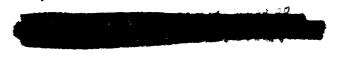
R. L. Corabie, Chief, Civil Defense Idaison Branch, Division of Biology and Medicine.

mosting was held for the purpose of discussing the pessible reof data developed from the Entwetck tests and under the cognizance of Mr. Smith, the release at this time being prompted by certain inquiries received by Mr. Alger from field offices, such data, in Mr. Alger's opinion, -being merely for purposes of information.

Mr. Smith reviewed generally the status of his forthcoming report (on Eniwetok) and discussed in some detail the blast phonomena with special reference to (a) the strength of building connections, (b) the movement fof structures, and (c) characteristics of the positive and negative phases sof the blast and the resulting physical damage. In addition, Mr. Smith des-Ecribed photographic evidence now in his office and this manner in which he had used it in discussing the Univetok structural damage with selected groups. It was his suggestion that in view of present uncertainties relating to "equivalent static loading" design methods. versus "dynamic loading" design, it might be worthwhile to have this matter of design gone into in detail for the purpose of arriving at design criteria which could be made available to architects and engineers retained by the Atomic Emergy Commission for plan and design work and others. The suggestion was alsomade by Mr. Smith that if desired by Mr. Alger's division, he would be agreeable to discussing structural damage at Eniwetok and showing moving pictures and slides to illustrate some of the problems to be met by architects and engineers in designing structures to resist atomic forces.

It was the general feeling of Mr. Alger that this would be highly desirable and he proposed to take up with his office, and, if approved, arrange to have representatives of architect-engineers, contractors, and personnel from AEC and other agencies present at this meeting. m & Shicking burns

cc: Howard Brown, E.O., B&M



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