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DELETED VERSION ONLY

ATOMIC ENERGY COMMISSION

CLASSIFICATION CANCELLED

MEETING NO. 869

BY AUTHORITY OF DOESGSO, 2, III-12 (ADMIN)

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Box

DATE \$12/80

10:00 a.m., Tuesday, May 26, 1983 11

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Present

Gordon Dean Henry D. Smyth Eugene M. Zuckert

M. W. Boyer

Harold D. Anamosa Charles A. Perry Also Present

Dr. John C. Bugher Collection 1956-58

Gerard Smith

Newton I. Steers Richard W. Johnselder MH & S- 9

Frank C. Legler

Robert L. Butenhoff

1. Effects of Atomic Detonations on Weather

Mr. Dean asked if the adverse weather conditions at Eniwetok following the Mike and King' shots could be attributed to those detonations. Dr. Bugher said that according to a report by Commander Pate, Staff Weather Officer for JTF-7, these disturbances appeared to have been caused by the shots. Photographs of the King shot indicated that up until shot time the weather had been as predicted, but after the shot Leavy clouds and squares developed. The disturbances were a series of high altitude (40,000 storms over a wide area, with precipitation and many thunder storms. The weather conditions prior to the shot time were favorable to rain, and the large vertical disturbances caused by the blast seemed to have "triggered" the storms which began at Enimetek and spread north and west over an area of 250,000 square miles. There was no darnage, and recognition of the phenomenon was Patrospective. Dr. Bugher added, however, that meteorological experts have not been able to uncover any relationship between the recent Weather conditions throughout the U.S. and the Nevada tests.

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3. Report on Recent Fall-cut Incidents

Doctor Bugher reported on the fall-out following the firing of the atomic common on May 25. Mr. Dean asked that a report be prepared compiling accounts of radiction sickness allegedly resulting from AEC atomic tests.

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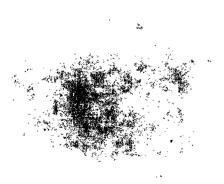
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END OF MINUTE-EXTRANEOUS MATERIAL DELETED

Harold D. Anamosa Acting Secretary

Approved by the Commission: June 26, 1953



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