SANDIA SYSTEMATIC DECLASSIFICATION REVIEW
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Authority Name W. H. LAWRENCE
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JUN 26 1963

RS 7412/1

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MR. A. J. CLARK, JR. - 7412

Re: Trip Report for SLAM (Supersonic-Low Altitude-Atomic Missile) Safety Meeting conducted at Chance Vought Corp. (CVC), Dallas, Texas, on June 13 and 14, 1963

A nuclear safety review meeting on the SLAM system was conducted by CVC in Dallas, Texas, on June 13 and 14, 1963. The attendees are given below:

Aerospace System Division (ASD)

V. L. J. Dirito
E. Payne

Air Force Weapons Lab (AFWL)

Capt. R. A. Meissenheimer
Capt. M. R. Kowalczyk
Lt. J. C. Clifford

Air Force System Command (AFSC)

Maj. H. W. Baker

Ling-Temco Vought (LTV)

A. Latsko
J. E. Standefer
T. Johnson
W. J. Hesse
P. L. Powell
H. E. Reynolds
E. M. Wilkins
W. E. Selph

Sandia Corporation

James Jacobs, 7412-1

The Marquardt Corp. (TMC)

W. H. Buford
Dr. C. Grenhow

Marine Advisers, Inc.

P. L. Horrer

Eng 6/27
JUN 27 1963

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A summary of the Agenda is tabulated below:

1. Flight Test (FT) Program
2. General FT Safety
3. Reactor Description
4. Reactor Excursion Analysis
5. Oceanographic Aspects
6. Meteorological Aspects
7. Residual Radiation

INVENTORIED
DATE MAY 19 1964

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DATE MAR 29 1966

SANDIA SYSTEMATIC DECLASSIFICATION REVIEW
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CLASSIFICATION CHANGED TO: U
AUTHORITY: W C Layne
PERSON CHANGING MARKING & DATE: Emilda Selph 10/30/97
RECORD ID: 98SW0387
PERSON VERIFYING MARKING & DATE: W LAURENCE 11/6/97
DATED: 10/22/97

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Prior to the official meeting, a tour of the SLAM ROOM was made to familiarize the attendees with the SLAM system. During the tour the attendees were briefed on (1) techniques used for SLAM guidance, (2) methods for basing the system which included submarines, barges, silos and mobile land launchers, and (3) the proposed type of missions for the system.

The ASD has requested AFWL to prepare a safety report for flight testing a nuclear SLAM system. Therefore, the primary objective of the meeting was to familiarize the AFWL representatives with the safety aspects of the system and the proposed flight test range. The proposed flight test for inertial guidance testing consists of Eniwetok Atoll (launch complex), Wake Island, and Nyatik Atoll. The recommended fix-taking and terrain avoidance Island is Pagan Island (system launched from Eniwetok). The features that caused this range to be chosen include isolation, existing facilities, deep water, and the launch area is a closed area because of the presence of radioactivity from past bomb tests.

The detailed technical information presented in the meeting is contained in a 17 volume set of reports published by CVC for ASD (ASD-TDR-63-165). The five volumes that pertain to safety are in the Sandia Library.

Mr. Payne (ASD) explained that a decision will be made by the Air Force on flight testing a nuclear SLAM system early next year (after the TORY-IIC ground tests). The Flight Test Safety Report will be sent through the Air Force chain of command prior to this decision to show that the system can be safely tested. Unofficially some people in the Air Force are trying to "kill" the SLAM system because of budget problems and it is believed that they will try to use safety problems as a reason. This report will be used to block this tactic. However, the AEC will undoubtedly be asked to comment on the safety aspects of a nuclear flight test of the SLAM System.

James Jacobs

JAMES JACOBS - 7412-2

JJ:7412-2:fg

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