

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1ST REVIEWER-DATE: <u>6/2/94</u>	DETERMINATION (CIRCLE NUMBER(S))
AUTHORITY: EAC/EOAC (ADD)	1. CLASSIFICATION RETAINED
NAME: <u>M.L. [unclear] [unclear]</u>	2. CLASSIFICATION CHANGED TO: <u>FRD</u>
2ND REVIEWER-DATE: <u>11/17/94</u>	3. CONTAINS NO DOE CLASSIFIED INFO
AUTHORITY: ADD <u>yes</u>	4. COORDINATE WITH: <u>AFTAC</u>
NAME: <u>P.P. Connor</u>	5. CLASSIFICATION CANCELLED
	6. CLASSIFIED INFO BRACKETED
	7. OTHER (SPECIFY)

FORMERLY RESTRICTED DATA
 Unauthorized disclosure subject to
 Administrative and Criminal Sanctions.
 Handle as Restricted Data in Foreign
 Dissemination Section 144.b., Atomic
 Energy Act 1954.

GENERAL INFORMATION
SECRET

IN-LOU DOCUMENT # SBAD0006404 Pool

PROGRAM PROJECT SUMMARY

PROJECT NUMBER: 7.1

404171
 Lag 55-639
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PROJECT TITLE: Seismic Measurements

SPONSOR: Department NAV ORGANIZATION: ADP/23

PROJECT OFFICER: Mr. J. Allen Oraker

AGENCY: Headquarters TRAP (ADP/23-1)

ADDRESS: Headquarters TRAP

OFFICE: Office for Atomic Energy, D09/0

ATTN: ADP/23-1

Washington 25, D. C.

ITD-047 5-6700, Extension 61122

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OBJECTIVE:

To gather additional seismic data particularly with reference to specific characteristics of signals received from newly designed test weapons, experimental nuclear explosions and with reference to the conditions under which they are detonated. These data are required to evaluate the significance of signals received in the Atomic Energy Detection System.

STATUS:

Future status of seismic operations in the AEDS is definitely dependent upon results from Operation IVY (Secret). Preliminary results on Operation IVY are sufficiently promising to justify further study of seismic waves from future atomic tests for the purpose of determining criteria for distinguishing between natural earthquakes and artificial explosions.

PROCEDURES:

Existing ADP/23 seismic installations will be supplemented by temporary installations at selected ranges and the data accruing from this operation will be evaluated with the expectation that increased knowledge will extend the contribution of the seismic component in the AEDS.

SUPPORT REQUIRED:

No activity under this project is planned in the area defined as coming under the jurisdiction of the Task Force.

SECURITY INFORMATION

SECRET

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DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1ST REVIEWER-DATE: <u>11/3/94</u>	DETERMINATION (CIRCLE NUMBER(S))
AUTHORITY: EAC/EOAC (ADD)	1. CLASSIFICATION RETAINED
NAME: <u>HP Schmidt</u>	2. CLASSIFICATION CHANGED TO:
2ND REVIEWER-DATE:	3. CONTAINS NO DOE CLASSIFIED INFO
AUTHORITY: ADD	4. COORDINATE WITH:
NAME:	5. CLASSIFICATION CANCELLED
	6. CLASSIFIED INFO BRACKETED
	7. OTHER (SPECIFY): <u>AFTAC memo</u>

10/3/94

~~SECURITY INFORMATION~~

- a. Personnel: None
- b. Instrumentation: None
- c. On-Site Construction required from AEC Contractors: None
- d. Air & Rail Transportation: None
- e. Funds:

	<u>R&D</u>	<u>Extra-Military</u>
Total Estimated Cost	\$25,000	0
Funds Available	0	0
Test Agency Funds Required	\$25,000	0

~~SECURITY INFORMATION~~
~~SECURITY INFORMATION~~
~~SECRET~~