[redacted]

SANDIA SYSTEMATIC DECLASSIFICATION REVIEW	
1st Review Date: 6/15/98 Authority: ADC ADD Name: R B Cronin	Determination (Circle Number): 1. Classification Retained 2. Classification Changed to: UNCL 3. Contains No DOE Classified Information 4. Coordinate With: 5. Contains UCAI? 6. Comments: DECLASSIFY
2nd Review Date: 6-17-98 Authority: ADD Name: W C Layne	

AUG 11 1960
XW-30-X1, 3.2
T-16758
13-874.00
Completed 4-10-60

UNCLASSIFIED

TO: DISTRIBUTION

Re: Tropical Exposure Test of the XW-30-X1/TADM

The XW-30-X1/TADM was subjected to a tropical exposure test per the Picatinny-Sandia joint environmental test procedures for the XW-30-X1/TADM dated July 17, 1959, Ref. Sym: 1246(598).

The XW-30X1/TADM was subjected to a tropical exposure test which consisted of 10 repetitions of the following 48 hour temperature cycle:

Elapsed time (hrs.)	Chamber air temperature (°F)
0	86
0-4	Change to 149
4-12	149
12-16	Change to 86
16-37	86
37-38	Change to 68
38-42	68
42-43	Change to 86
43-48	86

RECEIVED
AUG 11 1960
CENTRAL RECORD FILE

A relative humidity of 90 to 98 percent shall be maintained during the exposure period. The rate of temperature change between 86 and 149°F shall not be less than 15°F per hour. The measured temperature increase from 68±5° to 86±5°F shall not be less than 18°F.

XW-30-X1/TADM 3-2

Several small areas (less than 4 square inches) on the outside of the TADM container were rusted.

Subsequent to the test, electrical functional and pressure tests were conducted by Division 1246. These tests indicated no impairment of the warhead system.

R A Mikkelsen
1613 Project Engineer: R. A. MIKKELSEN - 1613-3

Approved by: R. S. HOOPER - 1613-3

RAM:1613-3:rbc

SANDIA SYSTEMATIC DECLASSIFICATION REVIEW DOWNGRADING OR DECLASSIFICATION STAMP	
CLASSIFICATION CHANGED TO: U Emelda Selph 6/23/98 PERSON CHANGING MARKING & DATE W C Layne 6/24/98 PERSON VERIFYING MARKING & DATE	AUTHORITY: W. C. Layne RECORD ID: 98SN2490 DATED: 6/17/98

UNCLASSIFIED 1558

[redacted]

[redacted] UNCLASSIFIED

Copy to:
W. B. Treibel, 1246 (6)
Attn: J. A. Anderson
D. M. Bruce, 1282
Attn: L. Wilson
J. M. Wiesen, 1442
D. Williams, 1613
J. D. Harrison, 5523
R. K. Smeltzer, 3421-3

UNCLASSIFIED

1559

[redacted]