

111 KPH 1000 106.2

REPOSITORY NARA Colley Taylor  
COLLECTION RG 326-51-58 Security  
BOX No. 182 (NN3-326-93-010)  
FOLDER MRA 7 July, V2

MAT:RPC

409022

OCT 16 1957

MEMORANDUM TO Mr. Gordon Dean  
Mr. T. Murray  
Dr. H. D. Smyth  
Mr. T. K. Clemens  
Mr. E. M. Zuckert

DEPARTMENT OF ENERGY	CLASSIFICATION (VIEW)
1ST REVIEW DATE: 4-3-25	CLASSIFICATION NUMBER(S)
AUTHORITY: [Redacted]	DATE OF REVIEW
NAME: <u>Adams</u>	DATE OF REVIEW
2ND REVIEW DATE: 4/5/95	DATE OF REVIEW
AUTHORITY: ADD [Redacted]	DATE OF REVIEW
NAME: [Redacted]	DATE OF REVIEW

Subject: COST OF HELIUM FILLED BOX FOR GAMMA-NEUTRON EXPERIMENT AT IVT

The General Manager of Holmes & Narver Company, Inc., in Los Angeles, reports the following estimates on the cost of this box:

Initial Estimate, Box	\$693,125
Initial Estimate, Metal Roof	<u>80,450</u>
Total Initial Estimate	\$773,575
His guess as to actual final cost of box	\$650,000
Cost of helium, & fillings	\$ 5,000
Cost of shipping helium and returning empty cylinders	<u>\$150,000</u>
Probable final cost	\$805,000

To this must be added cost of balloons and lead collimators, not now known, to get final total cost.

It is interesting to note here that the original proposition from the laboratory was to perform this same function by using coaxial cable buried at the required depth in the caisson. The total cost of doing this experiment this second way was estimated as follows:

Caissons built up to 30', 20', & 10' (including concrete conduits and man-holes)	\$2,000,000
9000' Coaxial Cable @ \$10.00 per ft.	<u>90,000</u>
Total	\$2,090,000

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*circulated with revisions in AEC 483/24*

CLASSIFICATION CANCELLED  
OR CHANGED TO  
BY AUTHORITY OF DOC  
BY [Signature] DATE 3/21/73

Copy for General Mgr.

10-16-57

1ST REVIEW DATE	CLASSIFICATION (VIEW)
AUTHORITY	CLASSIFICATION NUMBER(S)
NAME	DATE OF REVIEW
2ND REVIEW DATE	DATE OF REVIEW
AUTHORITY	DATE OF REVIEW
NAME	DATE OF REVIEW

**[REDACTED]**  
**SECURITY INFORMATION**  
**[REDACTED]**

This was rejected and the helium filled box was chosen as being the less expensive of the two.

R. G. Butler  
Colonel, Ord. Corps  
Deputy Director of  
Military Application

RECEIVED  
U.S. Army Ordnance Corps  
Office of the Director  
1925  
OCT 24 1925  
M.A.  
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MILITARY APPLICATION  
OCT 24 1925

**[REDACTED]**  
**[REDACTED]**