

11/14/44 10/1/46.2

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

MAT:RPO

409022

OCT 16 1950

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

DEPARTMENT OF ENERGY (CLASSIFICATION) VIEW	
1ST REVIEW: 4-3-75	CLASSIFIED BY: (NUMBER)
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2ND REVIEW: 4/8/95	CLASSIFIED BY: [NUMBER]
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Subject: COST OF HELIUM FILLED BOX FOR GAMMA-NEUTRON EXPERIMENT AT IVI

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>90,450</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 load 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 canopy. The total cost of doing this experiment this second way was estimated as follows:

Caneways 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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DATE 3/21/23

Copy for General Mgr.

10-16-50

[REDACTED]
SECURITY INFORMATION
[REDACTED]

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

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

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U.S. Army Ordnance Corps
Office of the Secretary
1928
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