

SECRET
3/17/53
MAG

MOUND LABORATORY-MONSANTO
Central File No. 53-3-95

March 17, 1953

Dr. John R. Huffman
Technical Consultant
Atomic Energy Division
Phillips Petroleum Company
Idaho Falls, Idaho

Dear Dr. Huffman:

9/22/97
AUTHORITY: EAOC XADC XADD
NAME: TIM FLANAGAN
2ND REVIEW DATE: 1/16/98
AUTHORITY: AGS
NAME: R. R. R. R. R.
1. CLASSIFICATION DATA
2. CLASSIFICATION CHANGES
3. CONTAINS NO DOE CLASSIFIED INFO
4. COORDINATE WITH
5. CLASSIFICATION CANCELLED
6. CLASSIFIED INFO BRACKETED
7. UNCLASSIFIED

It has been discovered that the curie values for the first shipment as reported to you in my letter of February 17, 1953, were incorrect because the Bi-210 decay factor was not considered in converting to the date of reactor shutdown. You are requested to disregard these values.

The corrected values for this shipment as of December 31, 1952, are listed below:

Slug No. 's	Reactor Location	Calculated Value From Calorimeter Data	Process Value
C 617-637	A-31	294.14*	313.4
C 926-943	A-33	165.46	172.2
C 305-328	A-9	129.03	175.6
C 593-616	A-2	167.14	173.8
C 473-496	A-34	167.78	171.9
C 545-568	A-40	167.08	177.7
C 449-472	A-29	162.96	175.5
C 521-544	A-39	301.09*	304.1

*Measured value

The report on the method of determining the above calorimeter values was sent to you with my letter of February 6, 1953. A correction on Table I of that report should be made on the value of Slug C-629 to read 21.050 curies instead of 3.105 curies.

Yours very truly,

E. C. McCarthy *per RDM*
Edw. C. McCarthy
Director, Operations Division

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RFM:mg

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