

In Reply
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UNITED STATES
ATOMIC ENERGY COMMISSION

MOUND LABORATORY-MONSANTO
Central File No. 56-3-48 (T)
56-3-49 (T)

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Post Office Box 66
Miamisburg, Ohio
March 19, 1956

unclassified

Monsanto Chemical Company
Mound Laboratory
Miamisburg, Ohio

Attention: E. C. McCarthy, Plant Manager

SUBJECT: FY 1958 PROGRAM ASSUMPTIONS FOR MOUND LABORATORY

Gentlemen:

Transmitted herewith is a copy of a memo from Paul W. Ager, to me, subject as above, which contains the additional program assumptions. You have already been supplied with Top Secret documents CXXX-807 and 814 covering initiator and detonator production. I have retained document CXXX-707 which contains sensitive information and whose circulation is limited.

At your earliest convenience, I will go over document CXXX-707 with you in order to see what other circulation is warranted.

Very truly yours,

John H. Roberson
Manager, Dayton Area Office

Enclosure: As cited above

Roberson:fsu

| MOUND DECLASSIFICATION REVIEW | |
|-------------------------------|------------------------------------|
| 1ST REVIEW DATE: 3/24/88 | DETERMINATION (CIRCLE NUMBER) |
| AUTHORITY: DAOC, DADC, DADD | 1. CLASSIFICATION RETAINED |
| NAME: Tim Flourens | 2. CLASSIFICATION CHANGED TO |
| 2ND REVIEW DATE: 3/26/98 | 3. CONTAINS NO DOE CLASSIFIED INFO |
| AUTHORITY: ADG | 4. COORDINATE WITH |
| NAME: J. H. Roberson | 5. CLASSIFICATION CANCELLED |
| | 6. CLASSIFIED INFO BRACKETED |
| | 7. OTHER SPECIFY |

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copies, Serial A

Approved DMA Program Assumptions for the Dayton Area Office

The FY 1958 program should assume the following:

1. Fabrication of initiators will be in accordance with the latest Production Directive.
2. Polonium will be provided for Los Alamos at a rate of 100 curies per month during FY 1957 and FY 1958.
3. Plutonium - beryllium source production will start up during FY 1956 and sources will be produced as directed by SFO during FY 1957 and FY 1958.
4. Detonator production will be started in FY 1957. In FY 1958 the plant will produce MR quality detonators, including dummies, required to meet SFO schedules prepared in accordance with the latest Production Directive. In addition, this plant will conduct process engineering as required to carry out production programs.
5. A pilot plant for the final purification and packaging of Ionium (Th 230) will be operated during FY 1957 and FY 1958.
6. Budgetary planning should assume that a plant for the purification of decayed tritium gas mixtures and refilling of tritium containers will be established during FY 1958 and operated thereafter. In addition, program planning should assume a tritium container filling capacity, which when operated on a continuous basis, will be capable of taking over the container filling program normally performed by Savannah River.
7. The minimum necessary technical support will be devoted to solving technical problems and decreasing unit costs of products.

~~RESTRICTED DATA~~

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