

UNITED STATES
ATOMIC ENERGY COMMISSION

Post Office Box 66
Miamisburg, Ohio

April 9, 1962

*for
this was called
to be in the file
plus what all of this
is about*

MOUND DECLASSIFICATION REVIEW	
1ST REVIEW DATE: <u>9/11/67</u>	1. DETERMINATION (CIRCLE NUMBER)
AUTHORITY: <u>DAOC DAOC DAOC</u>	1. CLASSIFICATION RETAINED
NAME: <u>J. M. BARRY</u>	2. CLASSIFICATION CHANGED TO
2ND REVIEW DATE:	3. CONTAINS NO DOE CLASSIFIED INFO
AUTHORITY: <u>ADD</u>	4. COORDINATE WITH
NAME:	5. CLASSIFICATION CANCELLED
	6. CLASSIFIED INFO BRACKETED
	7. OTHER COMMENTS

MOUND LABORATORY MONSANTO
Central File No. 62-2-301

THIS DOCUMENT CONSISTS OF 2 PAGE(S)
THIS IS COPY 1 OF 5 SERIES A

Monsanto Research Corporation
Mound Laboratory
Miamisburg, Ohio

Attention: Mr. D. L. Scott, Plant Manager

Subject: DISPOSAL AUTHORIZATION OF LOW CONCENTRATE
TRITIUM SCRAP

Reference: Your letter dated 2/27/62 (CF#62-2-301)

Dear Mr. Scott:

This is your authorization for the removal of the following scrap SS materials from Station SBX inventory as "Approved Inventory Write-Offs":

1. By burial, all solid scrap on a continuing basis which contains a minimum measured value of 0.1 gram of tritium per reactor charge (reactor charge 38 cubic inches maximum). Shipper's or estimated containment values will not be acceptable.
2. By burial in sealed steel containers, all gaseous scrap material on a continuing basis that has a concentration level of less than one percent tritium, provided that PVT and mass spectrometer procedures are established to determine the tritium content of such scrap.

The above authorization is based on your inability to economically process the material through your recovery facilities.

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NAME: <u>B. B. BARRY</u>	5. CLASSIFICATION CANCELLED
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GROUP 1
Excluded from automatic
downgrading and
declassification

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201-2

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Mr. D. L. Scott

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Your request to dispose of low grade (less than 1%) tritiated water at this time is not approved. The Nuclear Materials Management Division, ALO, indicated that they could not approve this removal until a process for recovery is developed and a "break even" point established. For your information, they pointed out that Pinellas is conducting a study as to the feasibility of regenerating its "molecular sieve" columns and that this should result in recovery of significant quantities of tritiated water.

Yours truly,

W. B. Creamer

W. B. Creamer
Area Manager
Dayton Area Office

Janda:bjw

Distribution:

Cys 1A and 2A - D. L. Scott, Mound Lab
3A - N. H. MacKay, NMM Divn, ALO
4A - M&R File
5A - Reading File

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