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R-020-101.12

**FAX FROM SCIENTECH, INC REGARDING TELECON THIS DATE
WITH REFERENCE TO SPECIAL NUCLEAR MATERIAL
ACCOUNTABILITY**

12/20/96

**SCIENTECH INC DOE-FEMP
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FAX/MEMO**



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Mary Beth

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Idaho Falls, ID 83401

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TELEFAX TRANSMITTAL

Date: December 20, 1996 Time: 10:00 a.m.

FROM: Mr. Robert D. Copp Bob

Charge No. _____

TO: Mr. Jack Craig

Company: _____

City/State: _____

Fax No.: 513-648-3071

Verify No.: _____

Total Pages 2 (Including this page)

COMMENTS: The attached note describes the type of information that I am trying to accumulate. I will call you following the Holidays to determine if this type of information can be provided on an unclassified basis. Have a Merry Christmas and I thank you in advance.

TO BE COMPLETED BY SENDER:

REF # _____

TIME SENT: _____

C: Jack
Glenn
Johnny
MBearis

7982

INFORMAL NOTE

Date: December 20, 1996

To: Mr. Jack Craig

From: Robert D. Copp *Rob*
SCIEN TECH Inc.

Reference: Telecon This Date With Reference to Special Nuclear Material
Accountability

The information that I am trying to gather deals with the concept of special nuclear material "inventory differences" or as is often termed "Material Unaccounted For" across the DOE Weapons Complex. I have received unclassified information from Rocky Flats, Savannah River, and Hanford and would very much appreciate any information that you may have relative to Fernald.

The type of information that I am seeking is the following:

- I. Terms that are used at Fernald, if any, and how do you define it from a practical perspective?
- II. What makes up "inventory differences" at Fernald? Examples may be measurement uncertainty, process holdup, measurement device sensitivity, etc.
- III. History of Fernald's "inventory differences" for plutonium and/or uranium. This information would be desirable in Kgs/inventory period over the life of the facility or % of total inventory over the life of the facility.
- IV. Suspected Holdup Locations. This simply would be a qualitative description of where holdup, if any, is located.
- V. Discussion of history of improvement of measurement hardware capability in term of sensitivity and uncertainty.
- VI. Other information that might be of help in characterizing any "inventory differences" at Fernald.

I thank you, in advance, for your time and I will call you after the Holidays to determine if any unclassified information is available.

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