



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA ST., N.W., SUITE 3100  
ATLANTA, GEORGIA 30303

INVESTIGATION REPORT NO. 70-992/81-01

SUBJECT: David Witherspoon, Inc.  
901 Old Maryville Pike  
Knoxville, TN 37901

Improper Disposal of Scrap Metal Containing Enriched Uranium

DATES OF INVESTIGATION: March 9-10, 1981

INVESTIGATOR:

*J. C. Howell*  
J. C. Howell, Regional Investigator  
Enforcement and Investigation Staff

6-4-81  
Date

OTHER PARTICIPATING  
PERSONNEL

*for* *A. Y. Gal*  
R. A. Brown, Radiation Specialist  
Technical Inspection Branch

6-4-81  
Date

REVIEWED BY:

*C. E. Alderson*  
C. E. Alderson, Director  
Enforcement and Investigation Staff

6-4-81  
Date

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### EXHIBITS

1. Letter, David Witherspoon, Inc. to U.S. NRC, Region II, January 9, 1981
2. Letter, David Witherspoon, Inc. to U.S. Atomic Energy Commission, January 29, 1974
3. Letter, David Witherspoon, Inc. to U.S. Atomic Energy Commission, March 7, 1979
4. Letter, Babcock and Wilcox to David Witherspoon, Inc., May 4, 1970
5. Statement of David W. Witherspoon, Jr.
6. Statement of David W. Witherspoon, Sr.
7. Form AEC-742, July 29, 1971
8. Form AEC-742, October 4, 1972
9. Form AEC-742, July 31, 1973
10. Form AEC-742, July 31, 1974
11. Form AEC-742, March 13, 1975
12. Form AEC-742, July 1, 1975
13. Form AEC-742, December 31, 1975

14. Form AEC-742, October 21, 1976
15. Form AEC-742, June 15, 1977
16. Form AEC-742, January 10, 1978
17. Form AEC-742, June 2, 1978
18. Form AEC-742, April 2, 1979
19. Form AEC-742, April 15, 1980

SECTION I

SUMMARY OF INVESTIGATION

DAVID WITHERSPOON, INC.

MARCH 9-10, 1980

A. BACKGROUND

A routine inspection of David Witherspoon, Inc., a scrap metal recovery company located in Knoxville, Tennessee, was conducted by a Radiation Specialist from the Materials Radiation Protection Section, Region II, on May 23 and August 6, 1980. During the course of that inspection, the inspector identified an apparent inability of the licensee to account for scrap metals containing 1,760 grams of U-235 which the company was authorized to possess by NRC Special Nuclear Material License No. SNM-952. In view of the licensee's inability to demonstrate possession of the material or verify transfer to an authorized recipient the matter was referred to the Regional Enforcement and Investigation Staff for resolution.

B. SCOPE OF INVESTIGATION

An investigation was initiated on March 9, 1981, under the authority provided by Section 161.c of the Atomic Energy Act of 1954, as amended, to ascertain the facts and circumstances surrounding the licensee's inability to account for the licensed material. The scope of the investigation included the following:

1. Review of NRC Special Nuclear Materials License No. SNM-952.
2. Review of the August 1980 inspection findings, licensee response, and pertinent NRC records.
3. Interviews and signed statements of licensee management.
4. A physical inspection of the licensee's authorized place of material use.
5. Interviews of other individuals pertinent to this investigation.
6. Review of Forms AEC-742 (NRC-742), Material Status Report, submitted to the Department of Energy.

C. CONCLUSIONS

The investigation disclosed that the licensee does not possess the licensed material at the designated place of use.

Current licensee management was unable to establish possession or legal transfer of the licensed material. A written statement provided by the previous corporation president indicates that the material was transferred to the Knoxville Iron Company, Knoxville, Tennessee for smelting soon after receipt in 1968 and 1969. Neither the licensee nor the identified recipient possess records to support this transfer.

Although the material in question is not possessed by the licensee and a transfer has been indicated by licensee management, the following licensee actions present obvious accountability contradictions:

Forms AEC-742 (NRC-742), Material Status Report, submitted to the Department of Energy (DOE) by the licensee during the period January 1, 1971 to March 31, 1980 reflect licensee possession of 1,760 grams (isotope weight) of "Enriched Uranium Metal Scrap".

In January 1974 and March 1979, the licensee submitted applications to the NRC for renewal of SNM License 952 to "continue our program for handling special nuclear materials."

Following the routine inspections by Region II in May and August 1980, the licensee was cited for not maintaining the licensed material at the "authorized place of use". The licensee's corrective action reflected in their response of January 9, 1981 stated that "all material has been moved" to the authorized location.

The licensee's previous corporation president has indicated that the material specified in this license was not in their possession on the dates reflected above.

No evidence of fraudulent intent was noted by the investigators regarding the submission of these documents to the DOE and NRC.

SECTION II

DETAILS OF INVESTIGATION

DAVID WITHERSPOON, INC.

MARCH 9-10, 1981



A. PERSONS CONTACTED

David Witherspoon, Inc.

D. W. Witherspoon, Jr., President  
D. W. Witherspoon, Sr., President (retired)  
A. Groover, Bookkeeper

Knoxville Iron Company

J. B. Pitts, President  
R. C. Marshall, General Manager (retired)

State of Tennessee, Division of Radiological Health

S. Brooks, Radiological Physicist

B. INVESTIGATIVE EFFORT AND FINDINGS1. Review of Inspection Findings, Licensee Response, and Other NRC Files

A review of the NRC radiation safety and compliance inspection conducted by Region II on May 23 and August 6, 1980 revealed that the special nuclear material authorized by License No. SNM-952 was not maintained at the authorized place of use, 901 Maryville Pike, Knoxville, Tennessee.

Discussions with the NRC Radiation Protection Inspector conducting this inspection indicated that the licensed material was not visually observed and was possibly no longer in the licensee's possession.

On January 19, 1981 Region II received the licensee's written reply, dated January 9, 1981, reporting corrective measures taken in regard to violations identified during that inspection. Referencing the citation for maintaining licensed material at a location other than the authorized place of use, the licensee stated "All material has been moved to 901 Maryville Pike". That response is included in this report as Exhibit 1.

A review of records maintained within the Region II docket files revealed letters of application from David Witherspoon, Inc., dated January 1974 and March 1979, requesting license renewals to continue the program for "handling special nuclear materials". These letters are included in this report as Exhibits 2 and 3. There was no indication of material transfer or disposal observed in the files.

2. Origin of Licensed Material

On August 7, 1980, the Region II Materials Radiation Protection Section contacted Babcock and Wilcox, Naval Nuclear Fuel Division (NNFD), Lynchburg, Virginia to verify delivery of contaminated metal to David Witherspoon, Inc. The NNFD confirmed delivery of one railroad car of contaminated steel in June 1968 containing 578 grams U-235 and two railroad cars of contaminated steel shipped in May 1969 containing 1,182 grams U-235. The material was described as "contaminated steel pieces, 8 x 10 inches in size, 1/2 inch thick, rusty red in color, and shipped in 55 gallon drums." The specific number of drums comprising the two shipments was not known, but the total weight of the shipments was estimated to be 200,000 pounds. A memorandum of May 4, 1970 from Babcock and Wilcox, NNFD to Witherspoon, Inc, reflecting the shipments of contaminated steel is included in this report as Exhibit 4.

3. Conduct of Investigation

Jerry C. Howell, Regional Investigator, and Robert A. Brown, Radiation Specialist, conducted an investigation at David Witherspoon, Inc., Knoxville, Tennessee on March 9-10, 1981 to determine the facts and circumstances surrounding the licensee's inability to account for licensed materials during a routine NRC inspection (Report No. SNM-952/80-1) conducted on May 23 and August 6, 1980. S. Brooks, Radiological Physicist, Division of Radiological Health, State of Tennessee, accompanied the investigators during the onsite portion of this investigation.

4. Interview of President, David Witherspoon, Inc.

On March 9, 1981 the President of David Witherspoon, Inc., Mr. David W. Witherspoon, Jr., was interviewed and executed a written statement providing details of his knowledge regarding the accountability of the special nuclear material specified in NRC license SNM-952. That statement is included in this report as Exhibit 5.

Mr. Witherspoon stated that licensed material had been stored in a small open lot at 1630 Old Maryville Pike in the past, but that all contaminated metal possessed by his corporation was now maintained in one specific location on their 10 acre site at 901 Old Maryville Pike, the authorized place of use. He stated further that he also possesses material licensed by the State of Tennessee and that all contaminated material is stored at the same location. He disclosed that he is unable to distinguish between the material licensed by the State and that licensed by the NRC.

When asked specifically if the NRC licensed material was in his possession at the present time, Mr. Witherspoon replied that he was unsure, but that all contaminated metal currently possessed is maintained in the designated storage location.

Upon the investigator's request for all licensee records showing receipt, accountability, and transfer of the licensed material, Mr. Witherspoon related that his business had experienced a fire in November 1971 in which most records initiated prior to that date were destroyed. He agreed to research available records in an attempt to determine if the material had been transferred, either as contaminated or routine metal scrap. Although no records of transfer were located for the investigators, the licensee provided copies of thirteen (13) Forms AEC-742 (NRC-742), U.S. Atomic Energy Commission Material Status Report, which had been submitted to the Atomic Energy Commission, the Energy Research and Development Administration or the Department of

## II.B.1-3

Energy providing a licensee inventory of material possessed under license number SNM-952. The status reports encompassed periods from January 1, 1971 through March 31, 1972. Each report reflected an inventory of 1,760 (grams) of enriched metal scrap. None of the reports indicated the transfer of any material or any material unaccounted for.

When questioned regarding his present inability to locate the licensed material and his continued submission of Forms AEC-742 showing a proper inventory, Mr. Witherspoon stated that "the AEC said I was to submit the forms so that is what I did". He explained that he does not take a physical inventory prior to submitting the status reports and in fact takes no physical inventories of any type because his "is not that kind of business."

### 5. Physical Inspection of Authorized Place of Use

Accompanied by David W. Witherspoon, Jr., the investigators conducted a physical inspection of the licensee's authorized place of use at 1630 Old Maryville Pike, Knoxville, Tennessee.

In addition to visual observations for metals matching the general description of the licensed material, a PRS-1, low energy gamma probe, was utilized in an attempt to locate contaminated material of any description.

Although State licensed materials were found to be located in the designated storage area, the material authorized by NRC License SNM-952 was not observed at that location nor in the remainder of the scrap yard.

An additional inspection of the licensee's previous storage area at 1630 Old Maryville Pike revealed no licensed material at that location.

Upon completion of the inspection, Mr. Witherspoon, Jr., was advised that the licensed material was not located on his property and he was again questioned regarding its disposition. He related that to him "iron is iron" and he could not be sure if that specific metal was in his possession. He stated that he "inherited the current situation" when he became President of the company and stated that if he does not have the material on his property it "was probably sent to the Wolverine Metal Company in Detroit, Michigan or to Knoxville Iron Company, Knoxville, Tennessee."

6. Interview of Ms. Alta Groover

On March 9, 1981, Miss. Alta Groover was interviewed as part of this investigation. She related that she had been employed at David Witherspoon, Inc., for approximately 26 years with responsibility for office correspondence and records.

Regarding records of special nuclear material licensed by the NRC, Miss. Groover explained that in November 1971 a fire occurring at their business destroyed practically all of the company files and she was unaware of any related records currently in existence other than the Forms AEC-742 previously reviewed by the investigators. She stated these forms are completed by her, at specific intervals (normally six months) and are signed by Mr. Witherspoon, Jr. and forwarded to the Department of Energy as required. She was not aware of any physical inventories of the material being conducted prior to submitting the forms.

In response to questions regarding possible transfers of NRC licensed materials, Ms. Groover stated that she did not recall seeing any transfer documentation pertaining to that NRC license nor did she recall specific shipments of contaminated metals to the Knoxville Iron or Wolverine Metal Companies.

7. Interview of David Witherspoon, Sr.

Mr. David W. Witherspoon, Sr., was interviewed on March 9, 1981 regarding his knowledge of NRC licensed material. Mr. Witherspoon related that he established David Witherspoon, Inc. as a scrap metals recovery company in 1948 and maintained control until his retirement in January 1970.

Mr. Witherspoon readily recalled shipments of contaminated metal from Babcock and Wilcox, NNFD, during 1968 and 1969. Although he did not remember the shipment weights or U-235 content, he described the shipments as black carbon steel, approximately 6 x 10 inches in size, contained in black, metal drums. He stated that the licensed material was not maintained at his place of business for any great period of time, but was removed from the railroad cars by magnet, crushed into bundles, placed back on the cars, and transported to Knoxville Iron Company, Knoxville, Tennessee where it was subsequently smelted. He explained that during that period of time his business was shipping 40 to 50 railroad cars of various metals each month to several locations and he could not recall exact dates.

Mr. Witherspoon added that to the best of his knowledge, Knoxville Iron Company was licensed by the Atomic Energy Commission to receive and smelt this material.

In response to questions regarding documentation, Mr. Witherspoon stated that he did not recall if any documents were completed when the material was transferred nor was he aware of records currently existing that would reflect this transaction with Knoxville Iron Company.

On March 10, 1981, Mr. Witherspoon Sr., was again contacted whereupon he provided a signed statement reiterating the information given during the previous interview. That statement is included in this report as Exhibit 6.

On March 10, 1981, Region II requested information from the Office of Nuclear Material Safety and Safeguards (NMSS) regarding the license status of Knoxville Iron Company. A subsequent review of NMSS records indicated that the Knoxville Iron Company had never received an SNM license.

The transfer of special nuclear material to persons not authorized to receive such material under terms of a specific license is a violation of 10 CFR 70.42.

8. Telephone Interview of President, Knoxville Iron Company

Mr. James B. Pitts, President, Knoxville Iron Company, was telephonically interviewed on March 10, 1981, regarding the possibility of his company receiving licensed material from David Witherspoon, Inc.

Mr. Pitts stated that he began employment with Knoxville Iron in April 1969 and at that time the company did have a license to smelt contaminated metal. He explained that a company decision to terminate the smelting of contaminated metal resulted in a self-cancellation of their license in mid-1970. He stated he was not aware of any company records in existence that would show transactions with David Witherspoon, Inc. involving contaminated metal. He emphasized that Knoxville Iron has not smelted any contaminated metal since early 1970.

Mr. Pitts suggested that the investigators contact the individual who was the General Manager of Knoxville Iron Company prior to April 1969.

9. Telephone Interview of Former General Manager, Knoxville Iron Company

Mr. R. C. Marshall was telephonically interviewed on March 10, 1981, in an attempt to determine the disposition of special nuclear material licensed to David Witherspoon, Inc.

Mr. Marshall stated that he had been employed at Knoxville Iron for 35 years and was the General Manager for 25 years prior to April 1969. He continued employment with the company until his retirement in 1974.

Mr. Marshall stated that his company dealt in thousands of tons of metal and he had no recollection of specific shipments. He said that Knoxville Iron did have an "AEC" license to smelt contaminated material and that they processed contaminated metal for several companies. He stated that approximately 90% of this type of business was derived from David Witherspoon, Inc. Although he was not certain, Mr. Marshall stated that it was possible the material in question was received by Knoxville Iron for smelting.

In response to questions concerning records of material transactions, Mr. Marshall stated that he was not aware of any such records. He added that to his knowledge the only other individual at Knoxville Iron knowledgeable of shipment origins, the Smelting Shop Superintendent, is deceased.

10. Review of Department of Energy Accountability Records

In response to an NRC request on March 10, 1981, the U.S. Department of Energy, Oak Ridge, Tennessee, provided Region II with copies of the licensee's Forms AEC-742 (NRC-742), U.S. Atomic Energy Commission Material Status Reports. The forms, similar to those reviewed on March 9, 1981 at the licensee's office in Knoxville, Tennessee, had been submitted bearing the signature "David Witherspoon, Jr.". The forms, included in this report as Exhibits 7 through 19, reflected an inventory of 1,760 (grams) isotope weight of enriched uranium metal scrap during the following periods:

<u>Report Period</u>	<u>Date Signed</u>
January 1, 1971 - June 30, 1971	July 29, 1971
June 30, 1971 - June 30, 1972	October 4, 1972
July 1, 1972 - June 30, 1973	July 31, 1973
July 1, 1973 - June 30, 1974	July 31, 1974
June 30, 1974 - December 31, 1974	March 13, 1975
January 1, 1975 - June 30, 1975	July 1, 1975
July 1, 1975 - December 31, 1975	December 31, 1975
January 1, 1976 - June 30, 1976	October 21, 1976
July 1, 1976 - December 31, 1976	June 15, 1977
*	
April 1, 1977 - September 30, 1977	January 10, 1978
October 1, 1977 - June 2, 1978	June 2, 1978
June 3, 1978 - March 31, 1979	April 2, 1979
April 1, 1979 - March 31, 1980	April 15, 1980

\*There was no report on file with the licensee or Department of Energy for the period January 1 - March 31, 1977.

## II.B.1-7

The Department of Energy was also requested to provide copies of any Form AEC-741 or NRC-741, Nuclear Material Transaction Report which reflected transfers of the material licensed under License No. SNM-952 from David Witherspoon, Inc. to anyone else. This form is required by 10 CFR 70.54 to be submitted to DOE anytime a quantity of U-235 exceeding 1 gram is received or transferred. DOE informed Region II that they had no form AEC-741 or NRC-741 on file reflecting such a transfer.

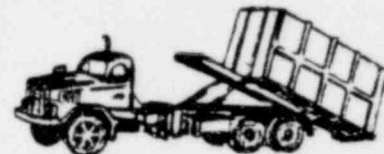
Failure to complete and distribute Form NRC-741 reflecting the transfer of licensed material is a violation of 10 CFR 70.54. The submission of Forms NRC-742 indicating continued possession of previously transferred licensed material is a violation of 10 CFR 70.53(a).



# DAVID WITHERSPOON, INC.

901 OLD MARYVILLE PK. • KNOXVILLE, TENN.  
P. O. BOX 806 • PHONE: 577-1613  
ZIP CODE: 37901 • AREA CODE: 615

"Environmental Recycling Organization"



Solid Waste Disposal

January 9, 1981

Mr. J. Philip Stohr, Chief  
Fuel Facility and Materials Safety Branch  
Nuclear Regulatory Commission  
101 Marietta St. S.W., Suite 3100  
Atlanta, Ga. 30303

Gentlemen:

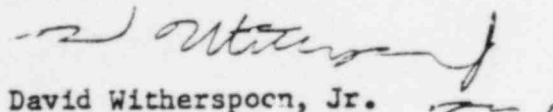
RE: RII:WWP  
SNM-952/80-01

In reference to your letter of September 10, 1980, we wish to report the following action on the items in non compliance found in your inspection.

- Item A. All material has been moved to 901 Maryville Pike.
- Item C. The notices have been posted.
- Item D. A "Caution Radioactive Material" sign has been posted on the gate.
- Item E. The gate has been repaired.
- Item F. We are using a copy of our letter from Babcock and Wilcox dated 5-4-70 as our record of receipt.
- Item G. We are taking this under advisement.

We hope this information will be satisfactory. Should additional information be needed, please advise.

Very truly yours,

  
David Witherspoon, Jr.

DW, Jr./mg

91 JAN 19 P 2: 01

REGIONAL  
ATLANTA, GA.



DAVID WITHERSPOON, INC.

901 OLD MARYVILLE PK. • KNOXVILLE, TENN.  
P. O. BOX 806 • PHONE: 577-1613  
ZIP CODE: 37901 • AREA CODE: 615

"Environmental Recycling Organization"



January 29, 1974

REGULATORY OPERATIONS



U. S. Atomic Energy Commission  
Directorate of Licensing  
Washington, D.C. 20545

Re: Program Code 22200  
License No. SNM-952

Dear Sir:

In order to continue our program for handling special nuclear materials, we would like to make an application for the renewal of our license number SNM-952. Our present license expires on February 28, 1974, so we would like to hear from you soon.

Respectfully,

DAVID WITHERSPOON, INC.

*David Witherspoon, Jr.*  
David Witherspoon, Jr.

DWjr/ljw

0175

5-29, 1974

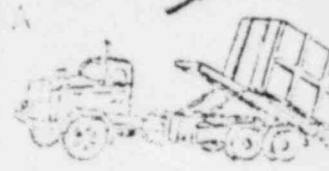
1 1



# DAVID WITHERSPOON, INC.

901 OLD MARYVILLE PK. • KNOXVILLE, TENN.  
P. O. BOX 806 • PHONE: 577-1813  
ZIP CODE: 37901 • FAX: 577-0615

"Environmental Recycling Organization"



Solid Waste Co.

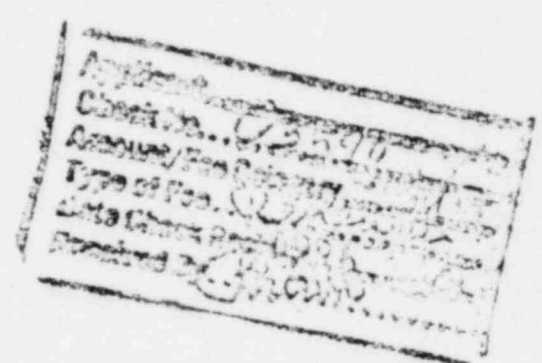
U.S. POSTAGE  
FIRST CLASS

70-992-15  
Rem

March 7, 1979

U. S. Atomic Energy Commission  
Directorate of Licensing  
Washington, D.C. 20545

RE: Program Code 22200  
License No. SNM-952



Dear Sir:

In order to continue our program for handling special nuclear materials, we would like to make an application for the renewal of our license number SNM-952. Our present license expires on March 31, 1979, so we would like to hear from you soon.

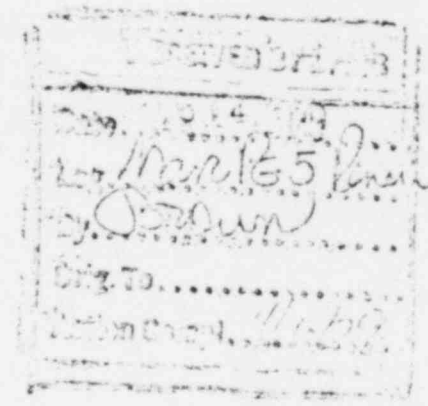
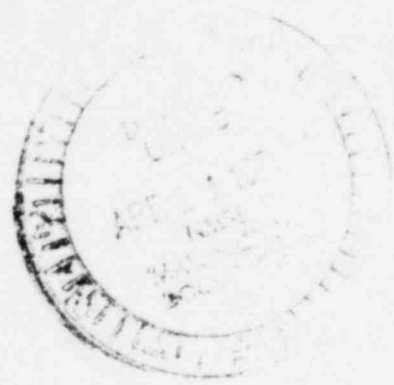
Respectfully,

DAVID WITHERSPOON, INC.

*David Witherspoon, Jr.*

David Witherspoon, Jr.

DWjr/plp



1 3

OFFICE

# Babcock & Wilcox

*June 11 1970*  
*Bidinger*  
*G. H. Bidinger*  
Naval Nuclear Fuel Division

P.O. Box 785, Lynchburg, Va. 24505

Telephone: (703) 381-6111

May 4, 1970

David Witherspoon, Inc.  
901 Maryville Pike  
Knoxville, Tennessee 37901

Attention: Mr. David Witherspoon, Jr.

Subject: Certificate of U-235 Contained in Contaminated Ste. 1

Dear Sir:

In reply to your letter to Mr. O. H. Jones dated April 21, 1970, our records indicate one (1) railroad car of contaminated steel was shipped to you in June 1968 which contained 578 grams U-235; also, two (2) railroad cars of contaminated steel were shipped in May 1969 which contained 1,182 grams U-235.

I hope this will fulfill your requirements, and if we may be of further assistance, do not hesitate to call.

Very truly yours,

BABCOCK & WILCOX

*W. M. Harvey*  
W. M. Harvey  
Nuclear Materials Control

WMH/bcm

cc: G. H. Bidinger ✓  
O. H. Jones

901 Maryville Pike  
Place: Knoxville, Tennessee

Date: 3-9-81 Time: 3:30 P.M.

I, David Witherspoon, Jr., hereby make the following voluntary statement to Mr. J. C. Howell, who has identified himself to me as an Investigator with the U.S. Nuclear Regulatory Commission. I make this statement freely with no threats or promises of reward having been made to me.

127 I have attended the University of Tennessee and also East Tennessee State University. I have worked in the scrap metal operation for fourteen years, but have been involved with it all of my life as my father started the business in 1948. I live at 137 Champions Point and have lived in Knoxville all of my life.

Our company is a member of the Institute of Scrap Iron and Steel and I have served on the national board as a member of the Insurance and Transportation Committees for the past three years.

In reference to the material specified in Babcock and Wilcox letter of May 4, 1970, in our yard at 901 Maryville Pike, we have an area set aside for contaminated scrap. In this area, we have stored all of the material that we presently have on hand. We have a yard at 1630 Maryville Pike where we had stored contaminated material. At the present time, this yard does not have any material stored on it but it has not been cleared as being decontaminated.

I do not know if the material mentioned above is in our possession as all our contaminated scrap is stored at one location.

If it is not in our possession, it was shipped as contaminated scrap to Wolverine Metal Company and or Knoxville Iron Company.

I have read the foregoing statement consisting of 1 typewritten/handwritten pages. I have made any necessary corrections and have initialed them. I have signed my name in the margin of each page. This statement is the truth to the best of my knowledge and belief. I declare under penalty of perjury that the foregoing is true and correct. Executed on March 9, 1981 at 4:30 P.M.

David Witherspoon, Jr.  
Signature  
David Witherspoon, Jr.  
J. C. Howell  
J. C. Howell, NRC Investigator

WITNESS: Alta C. Groover  
Alta C. Groover

5  
1 1

4312 GREENWAY DR  
Place: KNOXVILLE, TENNESSEE

Date: MARCH 10, 1981

Time: 12:30 PM

I, DAVID WITHERSPOON SR, hereby make the following voluntary statement to Mr. J. C. Howell, who has identified himself to me as an Investigator with the U.S. Nuclear Regulatory Commission. I make this statement freely with no threats or promises of reward having been made to me. MR HOWELL IS WRITING THIS STATEMENT FOR ME AT MY REQUEST.

I AM A RESIDENT OF ROUTE 23, BEACHWOOD ROAD, KNOXVILLE, TENNESSEE 37920. I WAS THE FOUNDER OF DAVID WITHERSPOON, INC., IN 1944. THIS COMPANY IS LOCATED IN KNOXVILLE, TENNESSEE AND BUYS/SELLS BOTH FERROUS AND NON-FERROUS METALS. I CONTINUED TO CONTROL THIS COMPANY UNTIL JANUARY 7, 1970 AT WHICH TIME I RETIRED. MY SON, DAVID WITHERSPOON, JR. BECAME PRESIDENT OF DAVID WITHERSPOON, INC. IN APRIL, 1970.

I RECEIVED SHIPMENTS OF CONTAMINATED METAL, UNDER MY HOUSE AGREEMENT, FROM BARCOCK AND WILCOX IN LYNCHBURG, VIRGINIA DURING THE PERIOD 1965 AND 1967. THE SHIPMENTS WERE BLACK CARBON STEEL, CUT INTO SMALL PLATES APPROXIMATELY 6 BY 10 ~~SQUARE~~ INCHES AND WERE PACKAGED IN BLACK DRUMS. DUE TO NUMEROUS OTHER BUSINESS TRANSACTIONS DURING THAT PERIOD AND THE ELAPSED TIME I DO NOT RECALL THE EXACT WEIGHTS OR U-235 CONTENT OF THE SHIPMENTS.

THE DRUMS AND THE CONTENTS WERE REMOVED FROM THE RAILCARS WITH A MAGNET, CRUSHED INTO BUNDLES, AND IMMEDIATELY TRANSPORTED TO THE KNOXVILLE IRON COMPANY, KNOXVILLE, TENNESSEE WHERE IT WAS SMELTED. I CANNOT RECALL THE EXACT DATES OF TRANSFER BECAUSE WE WERE SHIPPING 40 TO 50 RAILCARS PER MONTH TO VARIOUS OTHER BUSINESSES.

To THE BEST OF MY KNOWLEDGE, Knoxville Iron Company was  
LICENSED BY THE ATOMIC ENERGY COMMISSION TO RECEIVE AND  
SMELT THIS TYPE OF MATERIAL. I DO NOT KNOW OF ANY  
RECORDS THAT CURRENTLY EXIST TO REFLECT THESE TRANSACTIONS  
WITH Knoxville Iron Company

I have read the foregoing statement consisting of 2 ~~typewritten~~/handwritten pages.  
I have made any necessary corrections and have initialed them. I have signed my name  
in the margin of each page. This statement is the truth to the best of my knowledge  
and belief. I declare under penalty of perjury that the foregoing is true and correct.  
Executed on MARCH 10, 1954 at 1230 P.M.

WITNESS: \_\_\_\_\_

\_\_\_\_\_  
Signature

J. C. Howell, Investigator

No copy to FINNCL

POSTED

FORM AEC-742  
(11/69)  
AECM 7401/10 CFR 70

JAN 10 1972

U.S. ATOMIC ENERGY COMMISSION  
MATERIAL STATUS REPORT

FORM APPROVED  
BUREAU OF BUDGET  
No. 38-R0165

1. NAME & ADDRESS  David Witherspoon, Inc. P.O. Box 806 Knoxville, Tenn. 37901	3. REPORTING IDENTIFICATION SYMBOL (RIS)  VEL
	4. REPORT PERIOD  <del>1/1/71</del> FROM <del>6/30/71</del> TO
2. LICENSE NUMBER(S)  SNM-952	5. MATERIAL TYPE (SUBMIT SEPARATE REPORT FOR EACH TYPE)  Enriched Uranium

MATERIAL ACCOUNTABILITY

6. QUANTITY BY ELEMENT AND ISOTOPE WEIGHT	A. ELEMENT WT.	B. ISOTOPE WT.
10. BEGINNING INVENTORY	1889	1760
RECEIPTS		
11. PROCUREMENT FROM AEC		
12. PROCUREMENT - RAW MATERIALS		
13. PROCUREMENT - OTHER		
14. DOD RETURNS - USE A		
15. DOD RETURNS - USE B		
16. DOD RETURNS - OTHER USES		
21. PRODUCTION		
22. FROM OTHER MATERIALS		
30. RECEIPTS REPORTED TO AEC ON FORM AEC-741 FROM	RIS	
40. TOTAL	1889	1760
REMOVALS		
41. EXPENDED IN SPACE PROGRAMS		
42. SALES TO AEC		
43. SALES TO OTHERS FOR THE ACCOUNT OF AEC		
44. DOD-USE A		
45. DOD-USE B		
46. DOD-OTHER USES		
47. EXPENDED IN AEC TESTS		
48. ROUTINE TESTS		
49. SHIPPER RECEIVER DIFFERENCE		
51. SHIPMENTS REPORTED TO AEC ON FORM AEC-741 TO	RIS	
71. DEGRADATION TO OTHER MATERIALS		
72. DECAY		
73. FISSION AND TRANSMUTATION		
74. NORMAL OPERATIONAL LOSSES		
75. ACCIDENTAL LOSSES		
76. APPROVED WRITE-OFFS		
77. MATERIAL UNACCOUNTED FOR		
80. ENDING INVENTORY AEC OWNED		
81. ENDING INVENTORY NOT AEC OWNED	1889	1760
82. TOTAL	1889	1760

(See Reverse Side)



COMPOSITION OF ENDING INVENTORY

(TO BE COMPLETED ONLY IF RIS IN BLOCK 3 COMMENCES WITH LETTER "Y" OR "Z")

	ELEMENT WT.	ISOTOPE WT.
130. IN PROCESS .....		
140. IN REACTORS OR CRITICAL ASSEMBLIES .....		
170. UNIRRADIATED SCRAP STORED FOR RECOVERY .....		
171. MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
172. NOT MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
180. IRRADIATED MATERIAL IN STORAGE .....		
185. OTHER HOLDINGS .....		
Enriched Uranium Metal Scrap		
185. OTHER HOLDINGS .....	1889	1760
190. TOTAL .....	1889	1760

TO THE BEST OF MY KNOWLEDGE AND BELIEF THE INFORMATION GIVEN ABOVE, AND IN ANY ATTACHED SCHEDULES, IS TRUE, COMPLETE, AND CORRECT.

July 29, 1971

(DATE)

*[Handwritten Signature]* President  
 (SIGNATURE AND TITLE)

18 U.S.C., SECTION 1001; ACT OF JUNE 25, 1948; 62 STAT. 749; MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

GPO 887-818

**POSTED** U.S. ATOMIC ENERGY COMMISSION  
**MATERIAL STATUS REPORT**

<p>1. NAME &amp; ADDRESS</p> <p style="text-align: center;">David <u>Witherspoon</u>, Inc. P. O. Box 806 Knoxville, Tennessee 37901</p>	<p>3. REPORTING IDENTIFICATION SYMBOL (RIS)</p> <p style="text-align: center;">YEL</p> <p>4. REPORT PERIOD</p> <p style="text-align: center;">6-30-71 (FROM)      6-30-72 (TO)</p> <p>5. MATERIAL TYPE (SUBMIT SEPARATE REPORT FOR EACH TYPE)</p> <p style="text-align: center;">Enriched Uranium</p>
<p>2. LICENSE NUMBER(S)</p> <p style="text-align: center;">SNM-952</p>	

**MATERIAL ACCOUNTABILITY**

6. QUANTITY BY ELEMENT AND ISOTOPE WEIGHT	A. ELEMENT WT.	B. ISOTOPE WT.
10. BEGINNING INVENTORY	1889	1760
<b>RECEIPTS</b>		
11. PROCUREMENT FROM AEC		
12. PROCUREMENT - RAW MATERIALS		
13. PROCUREMENT - OTHER		
14. DOD RETURNS - USE A		
15. DOD RETURNS - USE B		
16. DOD RETURNS - OTHER USES		
21. PRODUCTION		
22. FROM OTHER MATERIALS		
30. RECEIPTS REPORTED TO AEC ON FORM AEC-741 FROM _____ RIS		
40. TOTAL	1889	1760
<b>REMOVALS</b>		
41. EXPENDED IN SPACE PROGRAMS		
42. SALES TO AEC		
43. SALES TO OTHERS FOR THE ACCOUNT OF AEC		
44. DOD-USE A		
45. DOD-USE B		
46. DOD-OTHER USES		
47. EXPENDED IN AEC TESTS		
48. ROUTINE TESTS		
49. SHIPPER RECEIVER DIFFERENCE		
51. SHIPMENTS REPORTED TO AEC ON FORM AEC-741 TO _____ RIS		
71. DEGRADATION TO OTHER MATERIALS		
72. DECAY		
73. FISSION AND TRANSMUTATION		
74. NORMAL OPERATIONAL LOSSES		
75. ACCIDENTAL LOSSES		
76. APPROVED WRIT-D-OFFS		
77. MATERIAL UNACCOUNTED FOR		
80. ENDING INVENTORY AEC OWNED		
81. ENDING INVENTORY NOT AEC OWNED		
82. TOTAL	1889	1760
	1889	1760

(See Reverse Side)

COMPOSITION OF ENDING INVENTORY

(TO BE COMPLETED ONLY IF RIS IN BLOCK 3 COMMENCES WITH LETTER "Y" OR "Z")

	ELEMENT WT.	ISOTOPE WT.
130. IN PROCESS .....		
140. IN REACTORS OR CRITICAL ASSEMBLIES .....		
170. UNIRRADIATED SCRAP STORED FOR RECOVERY .....		
171. MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
172. NOT MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
180. IRRADIATED MATERIAL IN STORAGE .....		
185. OTHER HOLDINGS <i>Enriched Uranium Metal Scrap</i> .....	1889	1760
190. TOTAL .....	1889	1760

TO THE BEST OF MY KNOWLEDGE AND BELIEF THE INFORMATION GIVEN ABOVE, AND IN ANY ATTACHED SCHEDULES, IS TRUE, COMPLETE, AND CORRECT.

10-4-72

(DATE)

*[Signature]*  
 (SIGNATURE AND TITLE)  
 President

OAK RIDGE OPERATIONS  
 OCT 10 29 AM '72

18 U.S.C., SECTION 1001; ACT OF JUNE 25, 1948; 62 STAT. 749; MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

U.S. ATOMIC ENERGY COMMISSION  
MATERIAL STATUS REPORT

10 cpy to Finance

1. NAME & ADDRESS DAVID WITHERSPOON, INC. P. O. BOX 806 KNOXVILLE, TN 37901	3. REPORTING IDENTIFICATION SYMBOL (RIS) YEL <span style="float: right;">W</span>
	4. REPORT PERIOD 7-1-72 (FROM) 6-30-73 (TO)
2. LICENSE NUMBER(S) SNM - 952	5. MATERIAL TYPE (SUBMIT SEPARATE REPORT FOR EACH TYPE) Enriched Uranium

MATERIAL ACCOUNTABILITY

6. QUANTITY BY ELEMENT AND ISOTOPE WEIGHT	A. ELEMENT WT.	B. ISOTOPE WT.
10. BEGINNING INVENTORY	1889	1760
RECEIPTS		
11. PROCUREMENT FROM AEC		
12. PROCUREMENT - RAW MATERIALS		
13. PROCUREMENT - OTHER		
14. DOD RETURNS - USE A		
15. DOD RETURNS - USE B		
16. DOD RETURNS - OTHER USES		
21. PRODUCTION		
22. FROM OTHER MATERIALS		
30. RECEIPTS REPORTED TO AEC ON FORM AEC-741 FROM _____	RIS	
40. TOTAL	1889	1760

REMOVALS

41. EXPENDED IN SPACE PROGRAMS		
42. SALES TO AEC		
43. SALES TO OTHERS FOR THE ACCOUNT OF AEC		
44. DOD-USE A		
45. DOD-USE B		
46. DOD-OTHER USES		
47. EXPENDED IN AEC TESTS		
48. ROUTINE TESTS		
49. SHIPPER RECEIVER DIFFERENCE		
51. SHIPMENTS REPORTED TO AEC ON FORM AEC-741 TO _____	RIS	
71. DEGRADATION TO OTHER MATERIALS		
72. DECAY		
73. FISSION AND TRANSMUTATION		
74. NORMAL OPERATIONAL LOSSES		
75. ACCIDENTAL LOSSES		
76. APPROVED WRITE-OFFS		
77. MATERIAL UNACCOUNTED FOR		
80. ENDING INVENTORY AEC OWNED		
81. ENDING INVENTORY NOT AEC OWNED	1889	1760
82. TOTAL	1889	1760

(See Reverse Side)

# COMPOSITION OF ENDING INVENTORY

(TO BE COMPLETED ONLY IF RIS IN BLOCK 3 COMMENCES WITH LETTER "Y" OR "Z")

	ELEMENT WT.	ISOTOPE WT.
130. IN PROCESS .....		
140. IN REACTORS OR CRITICAL ASSEMBLIES .....		
170. UNIRRADIATED SCRAP STORED FOR RECOVERY .....		
171. MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
172. NOT MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
180. IRRADIATED MATERIAL IN STORAGE .....		
185. OTHER HOLDINGS ..... <u>Enriched Uranium Metal Scrap</u>	1889	1760
190. TOTAL .....	1889	1760

TO THE BEST OF MY KNOWLEDGE AND BELIEF THE INFORMATION GIVEN ABOVE, AND IN ANY ATTACHED SCHEDULES, IS TRUE, COMPLETE, AND CORRECT.

7-31-73

(DATE)

*[Signature]* President  
(SIGNATURE AND TITLE)

18 U.S.C., SECTION 1001; ACT OF JUNE 25, 1948; 62 STAT. 749; MAKES IT A CRIME TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

AUG 2 9 12 AM '73

RECEIVED

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2                      2



COMPOSITION OF ENDING INVENTORY

(TO BE COMPLETED ONLY IF RIS IN BLOCK 3 COMMENCES WITH LETTER "Y" OR "Z")

	ELEMENT WT.	ISOTOPE WT.
130. IN PROCESS .....		
140. IN REACTORS OR CRITICAL ASSEMBLIES .....		
170. UNIRRADIATED SCRAP STORED FOR RECOVERY .....		
171. MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
172. NOT MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
180. IRRADIATED MATERIAL IN STORAGE .....		
185. OTHER HOLDINGS <u>Enriched Uranium Metal Scrap</u> .....	1,889	1,760
190. TOTAL .....	1,889	1,760

TO THE BEST OF MY KNOWLEDGE AND BELIEF THE INFORMATION GIVEN ABOVE, AND IN ANY ATTACHED SCHEDULES, IS TRUE, COMPLETE, AND CORRECT.

7-31-74

(DATE)

*[Signature]* President

(SIGNATURE AND TITLE)

18 U.S.C., SECTION 1001; ACT OF JUNE 25, 1948; 62 STAT. 749; MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

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J.S. ATOMIC ENERGY COMMISSION  
MATERIAL STATUS REPORT

1. NAME & ADDRESS <i>David Witherspoon, Incorporated P. O. Box 806 Knoxville, Tennessee 37901</i>		3. REPORTING IDENTIFICATION SYMBOL (RIS) <i>YEL</i>
2. LICENSE NUMBER(S) <i>SNM - 952</i>		4. REPORT PERIOD <i>06/30/74</i> <i>12/31/74</i> (FROM) (TO)
5. MATERIAL TYPE (SUBMIT SEPARATE REPORT FOR EACH TYPE) <i>Enriched Uranium</i>		

MATERIAL ACCOUNTABILITY

6. QUANTITY BY ELEMENT AND ISOTOPE WEIGHT	A. ELEMENT WT.	B. ISOTOPE WT.
10. BEGINNING INVENTORY	<i>1,889</i>	<i>1,760</i>
RECEIPTS		
11. PROCUREMENT FROM AEC		
12. PROCUREMENT - RAW MATERIALS		
13. PROCUREMENT - OTHER		
14. DOD RETURNS - USE A		
15. DOD RETURNS - USE B		
16. DOD RETURNS - OTHER USES		
21. PRODUCTION		
22. FROM OTHER MATERIALS		
30. RECEIPTS REPORTED TO AEC ON FORM AEC-741 FROM	RIS	
40. TOTAL	<i>1,889</i>	<i>1,760</i>

REMOVALS

41. EXPENDED IN SPACE PROGRAMS		
42. SALES TO AEC		
43. SALES TO OTHERS FOR THE ACCOUNT OF AEC		
44. DOD-USE A		
45. DOD-USE B		
46. DOD-OTHER USES		
47. EXPENDED IN AEC TESTS		
48. ROUTINE TESTS		
49. SHIPPER RECEIVER DIFFERENCE		
51. SHIPMENTS REPORTED TO AEC ON FORM AEC-741 TO	RIS	
71. DEGRADATION TO OTHER MATERIALS		
72. DECAY		
73. FISSION AND TRANSMUTATION		
74. NORMAL OPERATIONAL LOSSES		
75. ACCIDENTAL LOSSES		
76. APPROVED WRITE-OFFS		
77. MATERIAL UNACCOUNTED FOR		
80. ENDING INVENTORY AEC OWNED		
81. ENDING INVENTORY NOT AEC OWNED	<i>1,889</i>	<i>1,760</i>
82. TOTAL	<i>1,889</i>	<i>1,760</i>

(See Reverse Side)



**COMPOSITION OF ENDING INVENTORY**

(TO BE COMPLETED ONLY IF RIS IN BLOCK 3 COMMENCES WITH LETTER "Y" OR "Z")

	ELEMENT WT	ISOTOPE WT
130. IN PROCESS .....		
140. IN REACTORS OR CRITICAL ASSEMBLIES .....		
170. UNIRRADIATED SCRAP STORED FOR RECOVERY .....		
171. MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
172. NOT MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
180. IRRADIATED MATERIAL IN STORAGE .....		
185. OTHER HOLDINGS <i>Enriched Uranium Metal Scrap</i> .....	1,889	1,760
190. TOTAL .....	1,889	1,760

TO THE BEST OF MY KNOWLEDGE AND BELIEF THE INFORMATION GIVEN ABOVE, AND IN ANY ATTACHED SCHEDULES, IS TRUE, COMPLETE, AND CORRECT.

03/13/75

(DATE)

*[Signature]*

(SIGNATURE AND TITLE)

*President*

18 U.S.C., SECTION 1001; ACT OF JUNE 25, 1948; 62 STAT. 749; MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.



COMPOSITION OF ENDING INVENTORY

(TO BE COMPLETED ONLY IF RIS IN BLOCK 3 COMMENCES WITH LETTER "Y" OR "Z")

	ELEMENT WT.	ISOTOPE WT.
130. IN PROCESS .....		
140. IN REACTORS OR CRITICAL ASSEMBLIES .....		
170. UNIRRADIATED SCRAP STORED FOR RECOVERY .....		
171. MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
172. NOT MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
180. IRRADIATED MATERIAL IN STORAGE .....		
185. OTHER HOLDINGS <u>Enriched Uranium Metal Scrap</u> .....	1889	1760
190. TOTAL .....	1889	1760

TO THE BEST OF MY KNOWLEDGE AND BELIEF THE INFORMATION GIVEN ABOVE, AND IN ANY ATTACHED SCHEDULES, IS TRUE, COMPLETE, AND CORRECT.

7/1/75

(DATE)

*[Signature]*

(SIGNATURE AND TITLE)

President

18 U.S.C., SECTION 1001; ACT OF JUNE 25, 1948; 62 STAT. 749; MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

U.S. ATOMIC ENERGY COMMISSION  
MATERIAL STATUS REPORT

1. NAME & ADDRESS David Witherspoon, Inc. P.O. Box 806 Knoxville, Tennessee 37901	3. REPORTING IDENTIFICATION SYMBOL (RIS) YEL 4. REPORT PERIOD FROM 7/1/75 TO 12/31/75
2. LICENSE NUMBER(S) SNM-952	5. MATERIAL TYPE (SUBMIT SEPARATE REPORT FOR EACH TYPE) Enriched Uranium

MATERIAL ACCOUNTABILITY

6. QUANTITY BY ELEMENT AND ISOTOPE WEIGHT	A. ELEMENT WT.	B. ISOTOPE WT.
10. BEGINNING INVENTORY	1889	1760
RECEIPTS		
11. PROCUREMENT FROM AEC		
12. PROCUREMENT - RAW MATERIALS		
13. PROCUREMENT - OTHER		
14. DOD RETURNS - USE A		
15. DOD RETURNS - USE B		
16. DOD RETURNS - OTHER USES		
21. PRODUCTION		
22. FROM OTHER MATERIALS		
30. RECEIPTS REPORTED TO AEC ON FORM AEC-741 FROM	RIS	
40. TOTAL	1889	1760
REMOVALS		
41. EXPENDED IN SPACE PROGRAMS		
42. SALES TO AEC		
43. SALES TO OTHERS FOR THE ACCOUNT OF AEC		
44. DOD-USE A		
45. DOD-USE B		
46. DOD-OTHER USES		
47. EXPENDED IN AEC TESTS		
48. ROUTINE TESTS		
49. SHIPPER RECEIVER DIFFERENCE		
51. SHIPMENTS REPORTED TO AEC ON FORM AEC-741 TO	RIS	
71. DEGRADATION TO OTHER MATERIALS		
72. DECAY		
73. FISSION AND TRANSMUTATION		
74. NORMAL OPERATIONAL LOSSES		
75. ACCIDENTAL LOSSES		
76. APPROVED WRITE-OFFS		
77. MATERIAL UNACCOUNTED FOR		
80. ENDING INVENTORY AEC OWNED	<del>1889</del>	<del>1760</del>
81. ENDING INVENTORY NOT AEC OWNED	1889	1760
82. TOTAL	1889	1760

(See Reverse Side)

*Checked with [unclear] 08/12*



**U.S. ATOMIC ENERGY COMMISSION**  
**MATERIAL STATUS REPORT**

<p>1. NAME &amp; ADDRESS David Witherspoon, Inc. P. O. Box 806 Knoxville, Tenn. 37901</p>	<p>3. REPORTING IDENTIFICATION SYMBOL (RIS) <span style="float:right">YEL</span></p> <p>4. REPORT PERIOD <u>1-1-76</u> <span style="float:right"><u>6-30-76</u></span> (FROM) (TO)</p> <p>5. MATERIAL TYPE (SUBMIT SEPARATE REPORT FOR EACH TYPE) <span style="float:right">Enriched Uranium</span></p>
<b>MATERIAL ACCOUNTABILITY</b>	

6. QUANTITY BY ELEMENT AND ISOTOPE WEIGHT	A. ELEMENT WT.	B. ISOTOPE WT.
10. BEGINNING INVENTORY	1889	1760
<b>RECEIPTS</b>		
11. PROCUREMENT FROM AEC		
12. PROCUREMENT - RAW MATERIALS		
13. PROCUREMENT - OTHER		
14. DOD RETURNS - USE A		
15. DOD RETURNS - USE B		
16. DOD RETURNS - OTHER USES		
21. PRODUCTION		
22. FROM OTHER MATERIALS		
30. RECEIPTS REPORTED TO AEC ON FORM AEC-741 FROM _____	RIS	
40. TOTAL	1889	1760
<b>REMOVALS</b>		
41. EXPENDED IN SPACE PROGRAMS		
42. SALES TO AEC		
43. SALES TO OTHERS FOR THE ACCOUNT OF AEC		
44. DOD-USE A		
45. DOD-USE B		
46. DOD-OTHER USES		
47. EXPENDED IN AEC TESTS		
48. ROUTINE TESTS		
49. SHIPPER RECEIVER DIFFERENCE		
51. SHIPMENTS REPORTED TO AEC ON FORM AEC-741 TO _____	RIS	
71. DEGRADATION TO OTHER MATERIALS		
72. DECAY		
73. FISSION AND TRANSMUTATION		
74. NORMAL OPERATIONAL LOSSES		
75. ACCIDENTAL LOSSES		
76. APPROVED WRITE-OFFS		
77. MATERIAL UNACCOUNTED FOR		
80. ENDING INVENTORY AEC OWNED		
81. ENDING INVENTORY NOT AEC OWNED	1889	1760
82. TOTAL	1889	1760

(See Reverse Side)

COMPOSITION OF ENDING INVENTORY

(TO BE COMPLETED ONLY IF RIS IN BLOCK 3 COMMENCES WITH LETTER "Y" OR "Z")

	ELEMENT WT.	ISOTOPE WT.
130. IN PROCESS .....		
140. IN REACTORS OR CRITICAL ASSEMBLIES .....		
170. UNIRRADIATED SCRAP STORED FOR RECOVERY .....		
171. MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
172. NOT MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
180. IRRADIATED MATERIAL IN STORAGE .....		
185. OTHER HOLDINGS ..... Enriched Uranium Metal Scrap	1889	1760
190. TOTAL .....	1889	1760

TO THE BEST OF MY KNOWLEDGE AND BELIEF THE INFORMATION GIVEN ABOVE, AND IN ANY ATTACHED SCHEDULES, IS TRUE, COMPLETE, AND CORRECT.

10-21-76  
(DATE)

*Richard W. ...* President  
(SIGNATURE AND TITLE)

18 U.S.C., SECTION 1001; ACT OF JUNE 25, 1948; 62 STAT. 749; MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

U.S. ATOMIC ENERGY COMMISSION  
MATERIAL STATUS REPORT

1. NAME & ADDRESS David Witherspoon, Inc. P. O. Box 806 Knoxville, Tennessee 37901	3. REPORTING IDENTIFICATION SYMBOL (RIS) YEL
	4. REPORT PERIOD 7-1-76 (FROM) 12-31-76 (TO)
2. LICENSE NUMBER(S)	5. MATERIAL TYPE (SUBMIT SEPARATE REPORT FOR EACH TYPE) Enriched Uranium

MATERIAL ACCOUNTABILITY

6. QUANTITY BY ELEMENT AND ISOTOPE WEIGHT	A. ELEMENT WT.	B. ISOTOPE WT.
10. BEGINNING INVENTORY	1889	1760
<b>RECEIPTS</b>		
11. PROCUREMENT FROM AEC		
12. PROCUREMENT - RAW MATERIALS		
13. PROCUREMENT - OTHER		
14. DOD RETURNS - USE A		
15. DOD RETURNS - USE B		
16. DOD RETURNS - OTHER USES		
21. PRODUCTION		
22. FROM OTHER MATERIALS		
30. RECEIPTS REPORTED TO AEC ON FORM AEC-741 FROM _____	RIS	
40. TOTAL	1889	1760
<b>REMOVALS</b>		
41. EXPENDED IN SPACE PROGRAMS		
42. SALES TO AEC		
43. SALES TO OTHERS FOR THE ACCOUNT OF AEC		
44. DOD-USE A		
45. DOD-USE B		
46. DOD-OTHER USES		
47. EXPENDED IN AEC TESTS		
48. ROUTINE TESTS		
49. SHIPPER RECEIVER DIFFERENCE		
51. SHIPMENTS REPORTED TO AEC ON FORM AEC-741 TO _____	RIS	
71. DEGRADATION TO OTHER MATERIALS		
72. DECA		
73. FISSION AND TRANSMUTATION		
74. NORMAL OPERATIONAL LOSSES		
75. ACCIDENTAL LOSSES		
76. APPROVED WRITE-OFFS		
77. MATERIAL UNACCOUNTED FOR		
80. ENDING INVENTORY AEC OWNED		
81. ENDING INVENTORY NOT AEC OWNED	1889 ✓	1760 ✓
82. TOTAL	1889	1760

**POSTED**

(See Reverse Side)

checked to M-50

6-27-77

PB

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COMPOSITION OF ENDING INVENTORY

(TO BE COMPLETED ONLY IF RIS IN BLOCK 3 COMMENCES WITH LETTER "Y" OR "Z")

	ELEMENT WT.	ISOTOPE WT.
130. IN PROCESS .....		
140. IN REACTORS OR CRITICAL ASSEMBLIES .....		
170. UNIRRADIATED SCRAP STORED FOR RECOVERY .....		
171. MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
172. NOT MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
180. IRRADIATED MATERIAL IN STORAGE .....		
185. OTHER HOLDINGS ..... <u>Enriched Uranium Metal Scrap</u>		
190. TOTAL .....	1889	1760

TO THE BEST OF MY KNOWLEDGE AND BELIEF THE INFORMATION GIVEN ABOVE, AND IN ANY ATTACHED SCHEDULES, IS TRUE, COMPLETE, AND CORRECT.

6-15-77

(DATE)

*[Signature]*  
(SIGNATURE AND TITLE)

18 U.S.C., SECTION 1001; ACT OF JUNE 25, 1948; 62 STAT. 749; MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

RECEIVED



**COMPOSITION OF ENDING INVENTORY**

(TO BE COMPLETED ONLY IF RIS IN BLOCK 3 COMMENCES WITH LETTER "Y" OR "Z")

	ELEMENT WT	ISOTOPE WT.
130. IN PROCESS .....		
140. IN REACTORS OR CRITICAL ASSEMBLIES .....		
170. UNIRRADIATED SCRAP STORED FOR RECOVERY .....		
171. MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
172. NOT MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
180. IRRADIATED MATERIAL IN STORAGE .....		
185. OTHER HOLDINGS <u>Enriched Uranium Metal Scrap</u> .....		
190. TOTAL .....	1889	1760

TO THE BEST OF MY KNOWLEDGE AND BELIEF THE INFORMATION GIVEN ABOVE, AND IN ANY ATTACHED SCHEDULES, IS TRUE, COMPLETE, AND CORRECT.

1-10-78

(DATE)

*[Handwritten Signature]*  
 \_\_\_\_\_  
 (SIGNATURE AND TITLE)

18 U.S.C., SECTION 1001; ACT OF JUNE 25, 1948; 62 STAT. 749; MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.



COMPOSITION OF ENDING INVENTL


(TO BE COMPLETED ONLY IF RIS IN BLOCK 3 COMMENCES WITH LETTER "Y" OR "Z")

	ELEMENT WT.	ISOTOPE WT.
130. IN PROCESS .....		
140. IN REACTORS OR CRITICAL ASSEMBLIES .....		
170. UNIRRADIATED SCRAP STORED FOR RECOVERY .....		
171. MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
172. NOT MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
180. IRRADIATED MATERIAL IN STORAGE .....		
185. OTHER HOLDINGS .....		
190. TOTAL .....		

TO THE BEST OF MY KNOWLEDGE AND BELIEF THE INFORMATION GIVEN ABOVE, AND IN ANY ATTACHED SCHEDULES, IS TRUE, COMPLETE, AND CORRECT.

6-2-78

(DATE)



(SIGNATURE AND TITLE)

18 U.S.C., SECTION 1001; ACT OF JUNE 25, 1948; 62 STAT. 749; MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

JUN 13 1978

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U.S. ATOMIC ENERGY COMMISSION  
MATERIAL STATUS REPORT

MAY 28 1980

955  
FORM APPROVED  
BUREAU OF BUDGET  
No. 38-R0165

1. NAME & ADDRESS David Witherspoon, Inc. P.O. Box 806 Knoxville, Tennessee 37901	3. REPORTING IDENTIFICATION SYMBOL (RIS)	yel
	4. REPORT PERIOD	4-1-79 (FROM) 3-31-80 (TO)
2. LICENSE NUMBER(S) SNM 952	5. MATERIAL TYPE (SUBMIT SEPARATE REPORT FOR EACH TYPE) 20	

MATERIAL ACCOUNTABILITY

6. QUANTITY BY ELEMENT AND ISOTOPE WEIGHT	A. ELEMENT WT.	B. ISOTOPE WT.
10. BEGINNING INVENTORY	1889	1760
RECEIPTS		
11. PROCUREMENT FROM AEC		
12. PROCUREMENT - RAW MATERIALS		
13. PROCUREMENT - OTHER		
14. DOD RETURNS - USE A		
15. DOD RETURNS - USE B		
16. DOD RETURNS - OTHER USES		
21. PRODUCTION		
22. FROM OTHER MATERIALS		
30. RECEIPTS REPORTED TO AEC ON FORM AEC-741 FROM _____ RIS		
40. TOTAL	1889	1760
REMOVALS		
41. EXPENDED IN SPACE PROGRAMS		
42. SALES TO AEC		
43. SALES TO OTHERS FOR THE ACCOUNT OF AEC		
44. DOD-USE A		
45. DOD-USE B		
46. DOD-OTHER USES		
47. EXPENDED IN AEC TESTS		
48. ROUTINE TESTS		
49. SHIPPER RECEIVER DIFFERENCE		
51. SHIPMENTS REPORTED TO AEC ON FORM AEC-741 TO _____ RIS		
71. DEGRADATION TO OTHER MATERIALS		
72. DECAY		
73. FISSION AND TRANSMUTATION		
74. NORMAL OPERATIONAL LOSSES		
75. ACCIDENTAL LOSSES		
76. APPROVED WRITE-OFFS		
77. MATERIAL UNACCOUNTED FOR		
80. ENDING INVENTORY AEC OWNED		
81. ENDING INVENTORY NOT AEC OWNED		
92. TOTAL	1889	1760

Rec.  
6-30-80  
WJ

(See Reverse Side)

UNCLASSIFIED



**COMPOSITION OF ENDING INVENTORY**

(TO BE COMPLETED ONLY IF RIS IN BLOCK 3 COMMENCES WITH LETTER "Y" OR "Z")

	ELEMENT WT.	ISOTOPE WT.
130. IN PROCESS .....		
140. IN REACTORS OR CRITICAL ASSEMBLIES .....		
170. UNIRRADIATED SCRAP STORED FOR RECOVERY .....		
171. MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
172. NOT MEASURED TO WITHIN AN UNCERTAINTY OF $\pm 10\%$ .....		
180. IRRADIATED MATERIAL IN STORAGE .....		
185. OTHER HOLDINGS ..... <u>Enriched Uranium Metal Scrap</u> .....	1889	1760
190. TOTAL .....	1889	1760

TO THE BEST OF MY KNOWLEDGE AND BELIEF THE INFORMATION GIVEN ABOVE, AND IN ANY ATTACHED SCHEDULES, IS TRUE, COMPLETE, AND CORRECT.

4-15-80

(DATE)

*David Witherspoon J. (S)*

(SIGNATURE AND TITLE)

President

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