

NY.37-1

NEW YORK

Ledoux and Co.
New York, NY 10005

Karim Rimawi, Director
New York State Health Department
Bureau of Environmental Radiation Protection
Two University Place
Albany, NY 12203

Mayor Rudolph Giuliani
City Hall
New York, NY 10007

3893

N.Y. 37

MEMORANDUM

TO: FILE

DATE: 8/7/87

FROM: M. LAU

SUBJECT: Elimination Recommendation

SITE NAME: LeDoux and Company
155 Avenue of the Americas

ALTERNATE NAME:

CITY: New York STATE: N.Y.

OWNER(S)

Past: Current: Owner contacted yes no; if yes, date contacted

TYPE OF OPERATION

- Research & Development
- Production scale testing
- Pilot Scale
- Bench Scale Process
- Theoretical Studies
- Sample & Analysis
- Production
- Disposal/Storage
- Facility Type
- Manufacturing
- University
- Research Organization
- Government Sponsored Facility
- Other

TYPE OF CONTRACT

- Prime to AEC, African Metals
- Subcontractor
- Purchase Order
- Other information (i.e., cost + fixed fee, unit price, time & material, etc)
Unit Price

Contract/Purchase Order # W-14-108-Eng-18

CONTRACTING PERIOD: 1951-1954 (perhaps longer)

OWNERSHIP:

	AEC/MED OWNED	AEC/MED LEASED	GOVT OWNED	GOVT LEASED	CONTRACTOR OWNED	CONTRACTOR LEASED
LANDS	<input type="checkbox"/>					
BUILDINGS	<input type="checkbox"/>					
EQUIPMENT	<input type="checkbox"/>					
ORE OR RAW MATL	<input type="checkbox"/>					
FINAL PRODUCT	<input type="checkbox"/>					
WASTE & RESIDUE	<input type="checkbox"/>					

Unknown

AEC/MED INVOLVEMENT AT SITE

Control

- AEC/MED managed operations
- AEC/MED responsible for accountability
- AEC/MED overviewed operations
- Contractor had total control
- unknown

Health Physics Protection

- Little or None
- AEC/MED responsibility
- Contractor responsibility

MATERIALS HANDLED:

Type (on basis of records reviewed)

- No Radioactive
- Natural Radioactive from Feed Materials Production
 - Ore Uranium
 - Refined Source Material
 - Residue Radium sludges
- Natural Radioactive Material from Non-Nuclear Activities
- Man-Made
- Other _____

Comment _____

Quantities (on the basis of records reviewed)

- None
- Production Quantities
- Small Amounts

Comment Quantities were handled in connection with sampling and assaying operations and were probably handled on site (Middlesex, St. Louis, Fernald, Canonsburg).

OTHER PERTINENT FACTS:

- Facility was Licensed
 - During AEC/MED-Related Operations
 - For Similar Activities
 - For Other Activities

Comment _____

Commercial Production Involving Radioactive Material during AEC/MED Operations

Facility was Decontaminated and Released

Availability of Close Out Records

None Some Sufficient

Radioactive Status:

	YES	MAYBE	PROBABLY	NOT
Contaminated Potential for Exposure (accessible)	---	---	NOT X	---
	---	---	X	---

QUANTITY OF RECORDS AVAILABLE:

Very Little Some Sufficient

PROBABILITY OF FINDING ADDITIONAL RECORDS:

Low Possible High

RECOMMENDATIONS:

Eliminate
 Consider for Remedial Action
 Collect More Data

Comment Most of the radioactive materials handled by LeDoux were probably handled in small amounts and probably handled at the respective plants.

REFERENCES: SEE Attached Data Base Listing
3.1 NYOO 4/19/49 FROM Burman, L.C. TO Chadwell, H.M.
3.1 NYOO 11/24/48 FROM Sargent, E.C. TO Files
6/12/47 Manhattan District History Book VIII Vol. 1 p 2, 8

SUMMARY

LeDoux and Company served as the sampling representative of African Metals at the Middlesex Sampling Plant in Middlesex, New Jersey. If assays of LeDoux and Lucius Pitkin (AEC sampling representative) differed by .3% or greater, then the National Bureau of Standards did an analysis of the sample. The accepted value was the middle of the three values.

At Fernald, Ohio LeDoux represented African Metals and the Australian government. A LeDoux representative was also at the Vitro site in Conansburg, Pennsylvania.

Under contract W-14-108-Eng-18 (cost shared between the AEC and African Metals), LeDoux had a sampling representative at the Mallinckrodt Chemical Works in St. Louis, Missouri to weigh and sample radium sludges. LeDoux rotated representatives in from their New York office.

The available records refer to assaying operations and do not indicate any radioactive materials going to LeDoux's New York office. Furthermore, any other records found would probably refer to assaying operations and not reveal any new information. No licensing data have been found for LeDoux. It is recommended that this site be eliminated from FUSRAP consideration.

NY 37 - 11/12

326-68-588
Box # 71
Folder # 22 (Ledoux
W14-108 1950 Eng 18)

PO:JTC:jmg

JANUARY 16 1952

Eng 18
Ledoux & Company
155 Avenue of the Americas
New York 13, N.Y.

Attention: Mr. O.P. Garretson

Gentlemen:

pu
We are in receipt of your letter of December 27, 1951, concerning the material which remains in the Q-11 drums after dumping.

This matter has been receiving our attention since Mr. Theys's visit to Middlesex on October 15, 1951. We agree that any material left in the drums after dumping should be removed therefrom before disposing of the drums. We believe, however, that the amounts reported in your letter do not represent a normal condition for these drums. The drum used for this sample was picked out of a group of drums as one which had retained the most material after dumping.

Nevertheless, we are planning to install some sort of positive drum cleaner, somewhat similar to your suggested "mechanical rotary brush" idea, as soon as such a device becomes available. In the meantime, additional precautions are being taken at the plant to recover all material which remains in the drum. These precautions consist of a more careful initial beating after dumping and a second beating and inspection of drums before they are removed from the area.

We will be glad to keep you informed as to our progress in this matter.

Yours very truly,

F. M. Belmore, Director
Production Division

cc: J.T. Consiglio
F.B. Barrett, United Lead Co.

OFFICE →	Middlesex	Misc. Operations	Production		
NAME →	Consiglio <i>JTC</i>	<i>Smith</i>	<i>Belmore</i>		
DATE →	<i>1/11/52</i>		<i>1/16/52</i>		

NY 37

326-68-588
Box #71
Folder #22 (Ledoux
with 108-1950 Eng18)

J. P. Morgan, Production Division, New York

June 8, 1951

James J. Koenig, St. Louis Area

SERVICES OF LEDOUX

SYMBOL: O: JJK: am

~~NY 37~~
Ledoux - eng - 18
orig in McW Eng 8

To our knowledge no action has yet been taken on our memorandum to you of November 13, 1950 "Services of Ledoux".

There continues to be a dual responsibility regarding the weighing and sampling of K-65 and raffinate cake and we are continuing to have to arbitrate various special sampling problems to satisfy both Mallinckrodt and Ledoux. Mallinckrodt is becoming increasingly discontented with having Ledoux here when Article I-B of Contract eng-8 states that Mallinckrodt is responsible.

Mr. Roboff mentioned to us about a month ago that a cable had just been received from Belgium stating that the Belgians wished to have Ledoux supervise the weighing and sampling of Plant 6 by-products. We have heard nothing more since then. If you wish to comply with the Belgian request and have a Ledoux representative here we strongly recommend that Article I-B be modified appropriately as soon as possible. Please give us your decision soon as Mallinckrodt is pressing us for our position in this matter.

James J. Koenig



326-68-588

Box # 71

Folder #22 (Ledoux w

H 108 1950 Eng 18)

Phillip L. Merritt, Assistant Manager, Raw
Materials Operations
J. P. Morgan, Chief, Metal Branch, Production
Division
SERVICES OF LEDOUX & COMPANY AT MCV

February 12, 1951

SYMBOL: PH;SBR;JB

✓ Ledoux eng 18
x Ledoux - RM

Attached hereto is a copy of a memorandum from C. L. Karl concern-
ing the possibility of suspending the services of Ledoux & Company
at Mallinckrodt Chemical Works.

Elimination of the services of Ledoux and Company would result in
a monetary savings to both the Commission and African Metals. The
cost of the Ledoux contract in 1950 was approximately \$12,500 which,
as you know, is borne in equal shares by the two parties. It is
estimated that hiring a new man at MCV to perform the required
duties would increase their costs by about \$5,000 per year, includ-
ing overhead and markup. This would indicate savings to African
Metals and the Commission in the order of \$6,250 and \$1,250 respective-
ly.

I believe the above savings could be accomplished without sacrifice
of the desired control. It is appreciated that no action can be
taken on without the concurrence of African Metals. I would appreciate,
therefore, your advice on how we should proceed.

Attachment:
Cy Memo from Karl to Morgan
1/8/51

Ledoux eng 18
OK

cc: Prod. Div. Reading File
Control
MAR
Reading File (2)

U. S. ATOMIC ENERGY COMMISSION
NEW YORK OPERATIONS
NEW YORK 23, N. Y.

FEB 16 1951

DISPATCHED

OFFICE →	Control	Metal				
NAME →	<i>R. Merritt</i>	<i>J.P. Morgan</i>				
DATE →	<i>2/14</i>	<i>2/14</i>				

Office Memorandum • UNITED STATES GOVERNMENT

TO : J. P. Morgan, Chief, Metal Branch, New York

DATE: January 8, 1951

FROM : C. L. Karl, Area Manager, St. Louis Area

SUBJECT: SERVICES OF LEDOUX AND COMPANY

SYMBOL: O:JJK:ers

326-68-588

Box # 71

Folder # 22 (Ledoux W

14 108 1950 Eng 18)

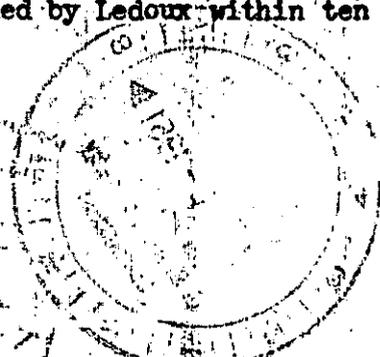
- eng - 18
 ✓ K-MCW - eng - 8

Please refer to your memorandum of December 6, 1950 on the above subject in which you asked that we submit our recommendations concerning Contract No. W-14-108-eng-18 with Ledoux and Company.

We have discussed with Mallinckrodt the means by which their organization would take over the supervision of weighing and sampling operations now performed by the Ledoux representative. There is an existing employee in the Mallinckrodt laboratory who now supervises all sample preparation and processing who will have time to supervise overall the work now supervised by Ledoux.

Because of the high monetary value of K-65, Mallinckrodt and we both believe that a specially-designated competent employee should be used to perform the actual weighing of K-65 drums. Such an employee can be hired for \$300 per month. This employee would spend about one-fourth of his time on the weighing of K-65 and the other two-thirds of his time on the auditing and spot-checking of various weighing and sampling operations in all of the Mallinckrodt plants in the interest of better SF accountability. It has become apparent recently that it would be highly desirable to provide for these SF auditing procedures in any case.

We believe that the above arrangements will (1) give equal or better measurement of by-products (because divided responsibility will be eliminated), (2) make it possible to comply with the requirements of Article I-B of Amendment No. 45 to our Contract No. W-14-108-eng-8 with Mallinckrodt, and (3) give a savings of at least \$5,000 per year to the Commission even if all of the proposed new \$300 per month employee's time is charged to the work now performed by the Ledoux representative. We accordingly recommend that Contract No. W-14-108-eng-18 with Ledoux be terminated. Mallinckrodt will be able to take over all of the work now performed by Ledoux within ten days after notice from us to proceed.



Box 9
File 205

NY 37

SUM. DEC 16 1955

Sheldon P. Wimpfen, Manager, Grand Junction
Operations Office

DEC 9 - 1955

C. L. Karl, Area Manager, Fernald Area Office

LEDOUX AND COMPANY

28581

SYMBOL: MD:BAR

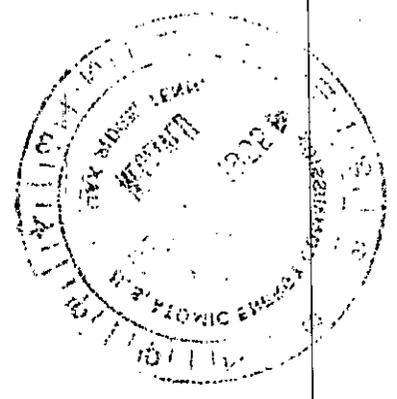
This is in reply to your December 6 inquiry concerning Ledoux & Company qualifications.

The Fernald Area has no direct contractual arrangement with LeDoux. However, the company has personnel stationed at this site as a representative of the African Metals Corporation and Australia for surveillance of sampling and sample preparation of uranium and radium concentrates. The LeDoux contracts are, of course, with African Metals Corporation and the Australian government. Consequently, questions in your December 6 inquiry regarding organization, overhead, labor and safety records, etc. cannot be answered by this office.

LeDoux has been under contract with the Commission for a number of years for services performed in St. Louis in connection with sampling and sample preparation of radium sludge. This contract is administered by the St. Louis Area and you may wish to direct an inquiry to either the St. Louis Area Office or the Oak Ridge Operations Office concerning their opinion of this firm on the points upon which we are unable to give information.

By
C. L. Karl

cc: S. R. Sapirie, GRO ✓
F. H. Belcher, St. Louis



RECEIVED BY EN 11:10

DEC 9 4 02 PM 1955

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CONFIDENTIAL

NY 37

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H. B. Fry, Manager

May 24, 1954

R. J. Smith, Jr., Assistant Director, Production Division

EXTENSION OF CONTRACT NO. W-14-108-ENG-18, LEDoux & COMPANY,
AMENDMENT NO. 12

326-68-588
Box #71
Folder #22 (Ledoux
W-14-108-1950 Eng
18)

SYMBOL: P:JTC

Attention: V. C. Duncambe, Assistant General Counsel

In view of the reactivation for approximately three to four months of the Q-11 ore refinery at St. Louis, upon the occasion of a breakdown in the new FMPC Q-11 refinery, it will be necessary to cancel plans for the early termination of subject contract and extend it instead.

It is requested, therefore, that subject contract be extended for a period of six (6) months, through December 31, 1954, all other provisions remaining the same, particularly the provision for prior termination upon 30 day written notice.

Advertising for this extension is not deemed to be in the best interests of the government for the following reasons:

- a. Short extension period.
- b. Ledoux has knowledges and skills required.
- c. Ledoux & Company is acceptable to the Vendor of the materials involved, African Metals Corporation.

It is estimated that the cost of this extension will be \$7,000.00, as follows:

Assuming that production of K-65 will continue at St. Louis on a 6 day week basis until December 31, 1954, and that Ledoux will exercise its prerogative under the contract to rotate its representative every month:

- 1. Sampling services - \$30.00 per day from 6/1/54-12/31/54
154 estimated operating days - \$ 4,620.00
 - 2. Subsistence - \$9.00 per day for 182 days - 1,638.00
 - 3. Transportation (Due to rotation of men)
6 round trips, N.Y. to St. Louis @ \$130.00 - 780.00
- \$ 7,038.00
say - \$ 7,000.00

F. A. Chrestia
J. T. Consiglio

It is requested that \$7,000.00 be obligated for performance of work under this contract for this extension.

OFFICE →	Middlesex	Production	Production			
NAME →	Consiglio, jmc	R. J. Smith	Kirk			
DATE →	5/24/54	5/25/54	RM			