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NOV 24 1976

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Mr. Robert H. Bauer, Manager
 Chicago Operations Office
 U. S. Energy Research and
 Development Administration
 9000 South Cass Avenue
 Argonne, Illinois 60439

Dear Mr. Bauer:

NRC's Office of Inspection and Enforcement (IE) desires to have an environmental radiation study performed by Argonne National Laboratory (ANL) in West Chicago, Illinois.

ANL will perform a study to define the quantity of thorium residuals in the unlicensed areas in West Chicago. ANL will also define suitable methods of disposing or controlling these residuals in order to most effectively protect the public health and safety. As a preliminary to the study a fence should be installed around the site or sites being studied so as to minimize public exposure and intrusion during the work and until final disposition of the radioactive materials. Funds should be set aside to remove any fencing when the thorium residuals have been removed. The study should be completed in FY 1977 with a written report submitted to the NRC.

IE obligates \$50,000 for these services. The IE technical monitor on this effort is Leo Higginbotham, Chief, Safety & Environmental Programs Branch (FTS 8-492-7347). The IE administrative monitor is Elliott Greher (FTS 8-492-7213). Also keep NRC's Region III Fuel Facility & Materials Safety Branch Chief, James Allan (local 858-2600) informed of ANL progress.

If this is acceptable, please sign and return the enclosed NRC Form 173.

This certifies that funds are available from appropriation #31X0200.307, B&R 30-19-01, FIN A4152.

Elliott A. Greher

Sincerely,
 IE:MIP

NOV 29 1976

IE:APS IE:SEB IE:SEB
 EAGreher:kj BHWeiss LHigginbotham HDThornburg

11/24/76

OFFICE

cc: P. Gustafson, ANL

Harold D. Thornburg, Director
 Division of Materials Inspection Programs
 Office of Inspection and Enforcement

6117

Enclosure:

NRC Form 173, 1-30-77-15

9004050225 900312
 PDR FOIA
 DEGRAZ189-376 PDR

150225

30-77-15

STANDARD ORDER FOR ERDA WORK

DATE

November 24, 1976

ISSUED TO: (ERDA Field Office)

Chicago Operations Office

ISSUED BY: (Responsible Office)

Inspection and Enforcement

ACCOUNTING CITATION
APPROPRIATION SYMBOL

31X0200.307

PERFORMING CONTRACTOR (Lab name and Location)

Argonne National Laboratory
Argonne, Illinois

B&R NUMBER

30-19-01

FIN NUMBER

A4152

FIN TITLE

Study of Thorium Residuals in West Chicago, Illinois

WORK PERIOD - THIS ORDER

FROM: 12/1/76

TO: 9/30/77

OBLIGATION AVAILABILITY PROVIDED BY:

A. THIS ORDER

\$ 50,000

B. TOTAL OF ORDERS PLACED PRIOR TO THIS DATE WITH THE PERFORMING CONTRACTOR UNDER THE SAME "APPROPRIATION SYMBOL" AND THE FIRST FOUR DIGITS OF THE "B&R NUMBER" CITED ABOVE.

50,000

C. TOTAL ORDERS TO DATE

(Total A & B)

\$ 100,000

D. AMOUNT INCLUDED IN "C" APPLICABLE TO THE "FIN NUMBER" CITED IN THIS ORDER.

\$ (50,000)

¹ This amount constitutes a limitation on obligations authorized to be incurred for the benefit of the above cited issuing authority.

REMARKS:

Description of effort based on conversations between B. H. Weiss, NRC and P. Gustafson of ANL.

These funds are to remain available for use on the agreed upon program by the ERDA Contractor until expended or subsequent guidance is provided by a mutually acceptable Form 173.

ISSUING AUTHORITY

SIGNATURE

Harold D. Thornburg, Director

ACCEPTING ORGANIZATION

☐ THIS ORDER IS ACCEPTABLE

TITLE Division of Materials Inspection Programs, Office of Inspection and Enforcement

SIGNATURE

TITLE

DATE

DISTRIBUTION:

☐ ORIGINATING OFFICE, NRC☐ OFFICE OF THE CONTROLLER, NRC