



CO.13-1

Department of Energy
Washington, DC 20585

John Newman

CO.13

JAN 23 1995

The Honorable Wellington E. Webb
350 City County Building
Denver, Colorado 80202

Dear Mayor Webb:

Secretary of Energy Hazel O'Leary has announced a new approach to openness in the Department of Energy (DOE) and its communications with the public. In support of this initiative, we are pleased to forward the enclosed information related to the former University of Denver Research Institute site in your jurisdiction that performed work for DOE's predecessor agencies. This information is provided for your information, use, and retention.

DOE's Formerly Utilized Sites Remedial Action Program (FUSRAP) is responsible for identification of sites used by DOE's predecessor agencies, determining their current radiological condition and, where it has authority, performing remedial action to cleanup sites to meet current radiological protection requirements. A conservative set of technical evaluation guidelines is used in these investigations to assure protection of public health, safety and the environment. Where DOE does not have authority for proceeding, the available site information is forwarded to the appropriate Federal or State Agency.

DOE studied the historical records of the former University of Denver Research Institute site, and it determined that it did not have the authority to to perform remedial action at the site. This conclusion is derived from the fact that the facility was licensed to handle nuclear materials.

If you have any questions, please feel free to call me at 301-427-1721 or Dr. W. Alexander Williams (301-427-1719) of my staff.

Sincerely,

James W. Wagoner II
Director
Off-Site/Savannah River Program Division
Office of Eastern Area Programs
Office of Environmental Restoration

Enclosures

cc:
University of Denver Research Institute,
Denver, CO
R. Quillin, State of Colorado



COLORADO

CO.13

Current Site Owner: University of Denver Research Institute
2050 East Cliff Ave.
Denver, CO 80208

Former name at site: University of Denver Research Institute
2050 East Cliff Ave.
Denver, CO 80208

Robert Quillin, Director
State of Colorado
Department of Health
Radiation Control Division
4300 Cherry Creek Drive South
Denver, CO 80222

Mayor Wellington E. Webb
350 City
County Building
Denver, CO 80202

FileNo: CO.13 Pgm. under: NRC/State Last Contact W/Site or Owner:
RAD Survey: Disp. Type: E CO.13

Site Name: University of Denver Research Institute
Altname1:
Altname2:
Altname3:
Altname4:
Activity Dates:
Dates if lic.:

Summary: Handled test quantities of radioactive metal for NLO.

Contaminants:

Site: Original FUSRAP named Company, Location, etc. (see new owner if original company sold/renamed/etc.)

Site Contact:

Company Name: University of Denver Research Institute

Street:

City: Denver

State: CO ZIP:

Site: New or Most Recent Owner of FUSRAP listed company (may not require entry)

Owner Contact:

Company Name:

Street:

City:

State: ZIP:

Local Jurisdiction----(Mayor, Town Manager, or similar)

Name Contact:

Office Name: Mayor

Street: 1437 Bannock St.

City: Denver

State: CO ZIP: 80202

State Agency----(State Environmental Mgt., Health & Safety, or similar)

Name Contact: Quillin, Robert, Director

State Office: Department of Health, Radiation Control Division

Street: 4300 Cherry Creek Drive South

City: Denver

State: CO ZIP: 80222-1530

Mayor's office 303.640.2721

* ~~Denver Research Institute~~

LICENSE HISTORY

07/16/93

CO.13 U. of Denver, Denver

- See attached Document and File Summary for CO.13.
- **License History:**
 - 05-00251-03, 01/31/73.
 - 05-00251-04, 03/31/68.
 - SUB-00257, 05/31/67. Laboratory Research, natural/normal uranium.
 - 05-00251-11, 03/31/66. CM-244, Sealed. PO-210, Sealed.
 - 05-00251-10, 01/31/65.
 - SMB-00257, 05/31/64.
 - C-03581, 10/01/57.
 - 5-251-1, 04/10/56 through 5-251-11, 03/24/65. I-131, P-32, C-14, Fe-59, S-35, Co-60, Cs-137, Po-210, Cm-244.
- **Discussion:**

Historical documents for this site (Historical Document, 06/14/65) indicate that carbide tool development work took place at the Denver Research Institute, University of Denver. The license history shows a consistent period of licensing for the Denver Research Institute from at least 1964 until 1973, which is a convincing cause for eliminating this site from consideration. Additionally, neither current nor historical documents show convincing evidence that operations of concern took place at the considered site. Consequently, it is recommended that this site be eliminated from consideration under FUSRAP.
- **Copies from File:**
 - Historical Document, 06/14/65.
 - NRC license record index.

CO.13

'UNIVERSITY' AND 'DENVER' 06-11-93

05-00251-11 * DENVER UNIVERSITY DENVER RESEARCH INSTITUTE *
ADRS: DENVER, CO * SITE: DENVER, CO * 0317 * 25 * EXPIRED
DATE: 03/31/66 * CM-244 SEALED * PO-210 SEALED *

05-00902-01 * COLORADO UNIVERSITY MEDICAL CENTER *
ADRS: DENVER COLORADO * SITE: DENVER COLORADO * 0384 * 12 * EXPIRED
DATE: 07/31/58 * C-14 LOOSE *

05-00902-02 * COLORADO UNIVERSITY MEDICAL SCHOOL *
ADRS: DENVER COLORADO * SITE: DENVER COLORADO * 0384 * 12 * EXPIRED
DATE: 08/31/58 * C-14 LOOSE *

05-00902-03 * COLORADO UNIVERSITY SCHOOL OF MEDICINE *
ADRS: DENVER COLORADO * SITE: DENVER COLORADO * 0384 * 12 * EXPIRED
DATE: 08/31/58 * 2N-65 (ZINC) LOOSE *

05-00902-09 * COLORADO UNIVERSITY MEDICAL CENTER *
ADRS: DENVER, COLORADO * SITE: DENVER, COLORADO * 0325 * 01 * TRMINATD *
DATE: 02/01/68 * AGREEMENT STATE: CO *

05-00902-10 * COLORADO UNIVERSITY MEDICAL CENTER *
ADRS: DENVER, COLORADO * SITE: DENVER, COLORADO * 0325 * 01 * TRMINATD *
DATE: 02/01/68 * AGREEMENT STATE: CO *

05-00251-10 * DENVER UNIVERSITY DENVER RESEARCH INSTITUTE *
ADRS: DENVER, CO * SITE: DENVER, CO * 0317 * 25 * EXPIRED
DATE: 01/31/65 * COVERED BY #5-251-11 *

05-00251-03 * UNIVERSITY OF DENVER * ADRS: DENVER, CO 80210 *
SITE: DENVER, CO 80210 * 0319 * 05 * EXPIRED DATE: 01/31/73 *
AGREEMENT STATE: CO *

05-00251-04 * UNIVERSITY OF DENVER * ADRS: DENVER 10, CO *
SITE: DENVER 10, CO * 0319 * 05 * EXPIRED DATE: 03/31/68 *
AGREEMENT STATE: CO *

C-03581 * DENVER UNIVERSITY-DENVER RESEARCH INSTITUTE *
ADRS: UNIVERSITY PARK;DENVER, COLORADO *
SITE: UNIVERSITY PARK;DENVER, CO. * 0384 * 12 * EXPIRED DATE: 10/01/57 *
COVERED BY #C-3646 *

C-04146 * 40-02848 * DENVER UNIVERSITY(COLORADO SEMINARY) *
ADRS: UNIVERSITY PARK;DENVER, CO. * SITE: UNIVERSITY PARK;DENVER, CO. *
0384 * 12 * TRMINATD * DATE: 08/23/61 *

SMB-00257 * 40-02848 * DENVER UNIVERSITY-DENVER RESEARCH INSTITUTE *
ADRS: UNIVERSITY PARK;DENVER, COLORADO *
SITE: UNIVERSITY PARK;DENVER, CO. * 0384 * 12 * EXPIRED DATE: 05/31/64 *
COVERED BY #SUB-257 IN MA *

SUB-00257 * 40-02848 * DENVER UNIVERSITY-DENVER RESEARCH INSTITUTE *
ADRS: UNIVERSITY PARK;DENVER, CO. * SITE: UNIVERSITY PARK;DENVER, CO. *
0384 * 12 * EXPIRED DATE: 05/31/67 * LABORATORY/RESEARCH *
NATURAL U/NORMAL U LOOSE *

05-00902-04 * COLORADO UNIVERSITY MEDICAL CENTER *
ADRS: DENVER COLORADO * SITE: LICENSEE'S ADDRESS * 0384 * 12 * EXPIRED
DATE: 09/30/58 * P-32 LOOSE *

05-00902-08 * COLORADO UNIVERSITY MEDICAL CENTER *
ADRS: DENVER COLORADO * SITE: LICENSEE'S ADDRESS * 0384 * 12 * EXPIRED
DATE: 07/31/59 * COVERED BY #05-00902-05. *

05-00902-06 * COLORADO UNIVERSITY SCHOOL OF MEDICINE *
ADRS: DENVER COLORADO * SITE: LICENSEE'S ADDRESS * 0384 * 12 * EXPIRED
DATE: 11/30/58 * C-14 LOOSE *

05-00902-07 * COLORADO UNIVERSITY MEDICAL CENTER *
ADRS: DENVER COLORADO * SITE: 4200 EAST 9TH AVE, DENVER * 0384 * 12 *
TRMINATD * DATE: 11/08/60 * COVERED BY #05-00902-05 *

05-00902-05 * COLORADO UNIVERSITY MEDICAL CENTER * ADRS: DENVER, CO *
SITE: 4200 E NINTH AVE, DENVER, CO * 0321 * 03 * EXPIRED
DATE: 09/30/68 * AGREEMENT STATE: CO *

UNIVERSITY OF DENVER, DENVER, COLORADO

Inst. Code No. 251

No.	Name	Isotope	Date
5-251-1	A. B. Shaklee	I 131 P 32	4-10-56
5-251-2	Richard D. Seibel	C 14	4-26-56-558
5-251-3	G. H. McCormick	P 32	1-10-57-3585
	Fe 59, I 131, S 35		
5-251-4	Dr. Josef J.E. Schmidt	Co 60	3-18-57-3604
5-251-5	G. H. McCormick	Co 60	6-12-57-5924
5-251-6	D60 Richard D. Seibel	C 14	4-23-58-9656
5-251-7	H60 Dr. Josef J. E. Schmidt	C 14	8-26-58-12674
5-251-8	D61 Josef J.E. Schmidt	Cs 137	4-24-59-17614
5-251-9	L63 Joseph J. E. Schmidt	Cs 137	12-15-61-39306
	John R. Hobaugh		
5-251-10	A65 Franklin E. White, Dr. Vincent J. Kisselbach, Thomas Kyle	Fo-210	1-7-63 47598

No.	Name	Isotope	Date
5-251-11	C66 G.-H. McCormick	Po-210	3/24/65-66702
	Om-244		

University of Denver

40-162 Appl. for Source Matl. Lic. -- Consumers - for 10 lbs. Thorium Metal Pellets
RETIRED Previous Lic. C--3581 (C-3646) Denver 10, Colorado

40-2848 Ltr. 6-2-58 appl. for snm license to cover magnesium thorium alloys.
(Colorado Seminary) (C-4146 & SMB-257) Denver 10, Colorado RETIRED

Denver, University of

Denver, University of

70-440 Appl. dtd. 8/5/60 submitted for SNM Lic. to cover 97 microcuries U-235 oxide
RETIRED pellets to be used by the Metallurgy Division. SNM

SNM-408

RETIRED
70-531 Ltr. 4-4-61 from Univ. of Denver trans. appl. to cover 80 grams of plutonium as (1)
five-curie Pu-Be neutron source(sealed) for educational purposes in nuclear science.

SNM-830

Denver, University of

3. INLO
~~_____~~
~~_____~~

CORRESPONDENCE FILE
PROJECT No. FT(30-1) 1156
NATIONAL LABOR CO. of DENVER
1961-1-10-745

C. L. Karl, Area Manager
Cincinnati Area Office

June 14, 1965

R. G. Humphries, Director, Contract Division
Oak Ridge Operations

PROPOSED NLO SUBCONTRACT WITH UNIVERSITY OF DENVER

AT-(30-1)-1156

ACC:DEM

Your memorandum dated June 11, 1965, enclosed for review a proposed NLO purchase order with the University of Denver for certain tool development work on a cost-reimbursement basis, at a cost not to exceed \$7,865.

In view of the fact that the proposed cost-type agreement is with an educational institution, a Findings and Determination is not required. However, the use of a modified fixed-price purchase order form as proposed by NLO is not appropriate for the proposed agreement.

The provisions of FPR 1-15, as implemented by AECPR 9-15.103 require that the uniform Government-wide cost principles and procedures set forth in FPR 1-15.3 be used in all cost-reimbursement type contracts for experimental, developmental or research work with educational institutions. FPR 1-15.3 is based on Bureau of the Budget Circular No. A-21 which promulgates such principles and procedures for mandatory use throughout the Government in cost-reimbursement agreements with educational institutions. In view of this, the proposed supply type purchase order form is not appropriate for use in the proposed transaction. Furthermore, the fixed-price purchase order terms and conditions (NLO Supplement 200 proposed for attachment to the order) simply would not fit the circumstances involved in a cost-reimbursement type agreement. We are enclosing for NLO's guidance in the development of an appropriate agreement a copy of a recent Carbide cost-reimbursement type subcontract with the University of Tennessee.

We note from the proposal submitted by the University of Denver that they have requested an "Allowance for Unrecovered Costs" representing 7% of direct labor and overhead. This appears to be a form of fee, and we are aware of no basis upon which such an allowance may properly be paid under cost-reimbursement agreements with educational institutions. We recognize the University states in its letter of April 16 that it now has subcontracts with Sandia Corporation on this basis. However, when the Bureau of the Budget first issued the uniform cost principles, the transmittal specifically stated they were designed to compensate educational institutions for their full costs, and no fee or other increment above costs is intended.

C. L. Karl

- 2 -

June 14, 1965

The file that was furnished for review is returned herewith.

Original Signed By
R. G. Humphries

R. G. Humphries

Enclosures: *NPP*
As stated above



OFFICE ▶	Contract Div.	Office of Chief Couns.	Director Contract Div.		
SURNAME ▶	<i>Dem</i> DEMiller	<i>JCWinkles</i> JCWinkles	<i>RGHumphries</i> RGHumphries		
DATE ▶	6-14-65	6-15-65	6-16-65		

UNITED STATES GOVERNMENT

Memorandum

TO : R. G. Humphries, Director, Contract Division
Oak Ridge Operations Office

FROM : C. L. Karl, Area Manager
Cincinnati Area Office

SUBJECT: ORPI 9-3.3

DATE: JUN 11 1965

A: IAF

Enclosed herewith is NLO Purchase Order No. W-50927 dated June 9, 1965, to be issued to the University of Denver (Colorado Seminary) to perform certain work as specified therein at a cost not to exceed \$7,865.00. The entire NLO purchase order file is being forwarded herewith, including a memorandum from S. Marshall to W. A. Smith dated May 17, 1965, subject: "Justification For Performing Carbide Tool Development Work At Denver Research Institute".

NLO had hoped to issue a firm price purchase order for this development work, but are unable to do so for the reason that, they were informed, the Denver Research Institute, as a non-profit organization is unable to accept funds in excess of their costs. Likewise, they must cover their actual costs in all cases. Therefore, the enclosed purchase order, which requires AEC approval, provides for reimbursement of actual costs, not to exceed \$7,865.00.

ORPI 9-3.3 requires a review by the Contract Division and the preparation of a Findings and Determination, when appropriate, of this type of transaction.

We believe all of the information required by ORPI 9-3.3 (b) is included herewith. Your review and appropriate action is requested.



C. L. Karl

Enclosures: *OK*
As stated above

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