4-596 (5-31-56)

U. S. Department of Justice

(MATERIAL MUST NOT BE REMOVED FROM OR ADDED TO THIS FILE)

117
532

Declassified
Authority: 13002 By:
Britney Crawford Date:
08-13-2014

FEDERAL BUREAU

of

INVESTIGATION

ENTIRE FILE REVIEWED
FOR HISTORICAL
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FEDERAL BUREAU OF INVESTIGATION
RECORDS MANAGEMENT DIVISION
CLASSIFICATION UNIT 3
SYSTEMATIC DECLASSIFICATION REVIEW PROGRAM

KYL/LOTT CERTIFICATION

The records described herein have undergone a page-by-page review by a trained *Historical Records Restricnted Data Reviewer (HRRDR)* in accordance with the Special Historical Records Review Implementation Plan for the Federal Bureau of Investigation and Public Laws 105-261 and 106-65 (the Kyl/Lott Amendments).

RECORDS REVIEWED

FILE NUMBER	SECTION NUMBER
117- 532	

REVIEW RESULTS
(check appropriate box of boxes)

	Stamped/Marked *Restricted Data/Formerly Restricted Data* **is present** and each instance has been appropriately tabbed for review by DOE
	Stamped/Marked *Restricted Data/Formerly Restricted Data* is not present but key-word indicators pointing to the **possible presence** of such information have been identified and tabbed for review by DOE.
X	**No identifiable** *Restricted Data/Formerly Restricted Data* was located during review.

Nathaniel Wright
Signature (HRRD Reviewer)

Nathaniel Wright
Printed Name

05/4/2010
Date

they say

- ★ ***atomic administrators***
- ★ ***business leaders***
- ★ ***scientists***
- ★ ***educators***

"Any corporation which expects to be doing business 25 years from now must keep in touch with atomic progress."

—ROBERT M. HUTCHINS, *Chancellor,*
University of Chicago

"The discovery and harnessing of atomic energy may prove to be the most significant material development in the history of man."

—EUGENE G. GRACE, *Chairman of the Board,*
Bethlehem Steel Company

"The eventual goal is the production of industrial power from atomic energy—in a comparatively few years, the industrial organizations which do not use these new tools (radioactive tracers) will be among the laggards in the field."

—GEORGE C. BATEMAN, *Member*
Atomic Energy Control Board of Canada

"People in all walks of life are coming to see that the essentials (of atomic energy) can be comprehended by the average man whose future is at stake in the use to which atomic knowledge is put—his future and the future of his children and his children's children."

—DAVID E. LILIENTHAL, *Chairman,*
United States Atomic Energy Commission

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AEN

ATOMIC ENERGY NEWSLETTER
SERVING
INDUSTRY, COMMERCE
BUSINESS and RESEARCH

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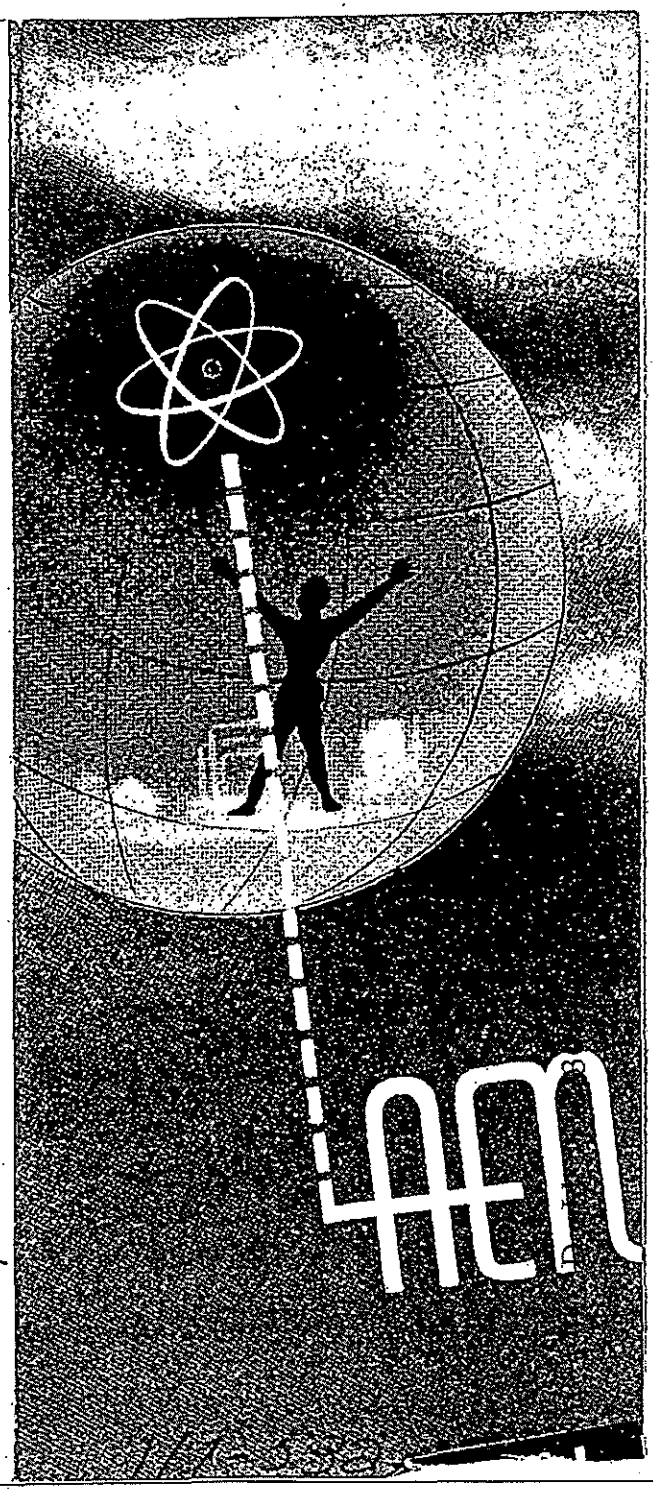
KR/lmf



NW 13002 DocId: [illegible] Page [illegible]

What is AEN ?

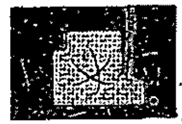
AEN = Atomic Energy Newsletter

Atomic Energy Newsletters bring you latest world-wide developments in atomic energy. First time anywhere, here are *non-technical* Newsletters — mailed to you every other week — giving you an authentic day-by-day picture of what is going on in atomic energy in the United States and 23 other nations now directly involved in atomic energy activities.

here's atomic guidance
With *Atomic Energy Newsletters* you'll know what is happening in atomic energy — where it's likely to lead. New atomic discoveries and applications are described — practical suggestions in *easily understood language* show you how to apply these atomic facts to your particular needs.

all atom uses featured
Atomic Energy Newsletters keep you alert to newest atomic tracer techniques in such industries as plastics, chemical engineering, synthetic rubber, petroleum, metallurgy, pharmaceutical and photography. The Newsletters tell you of these radio-active tracers — now hard at work in the oil industry, in the metal industry — in agriculture, in medicine, in biology, in physics and industrial research. Capacities of atomic power plants are shown — costs analysed — comparisons made with present power means. The Newsletters discuss propulsive units for aircraft and ocean vessels — for stationary plants and other applications.

global in scope
Atomic Energy Newsletters bring you details of the global search for radio-active ores. Newest atomic weapons — international atomic control — researchers who probe the atomic nucleus — here is full atomic news coverage. Each issue also carries up-to-the-minute listings of new atomic patents and latest legislative and legal decisions (world-wide) in the atomic field.



. . . and in addition to bringing you *Atomic Energy Newsletters*, subscription membership gives you the following plus services — at no extra charge.

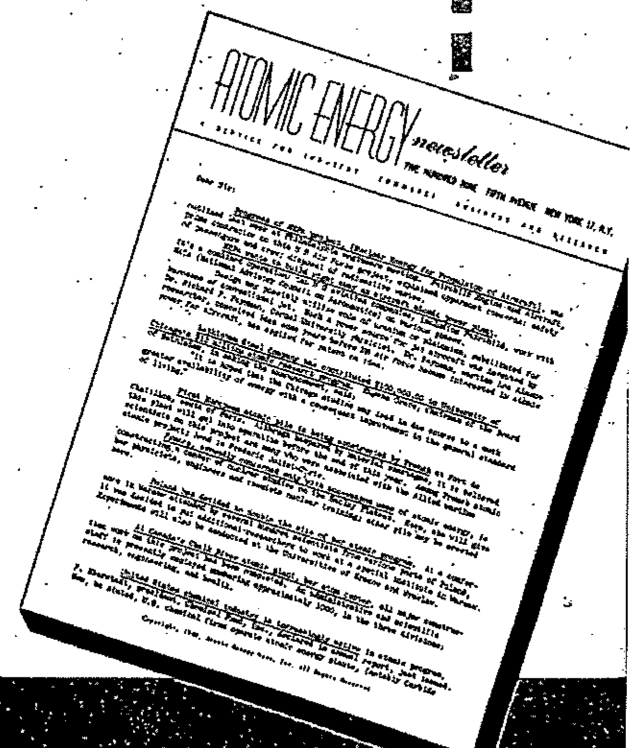
the special reports
As vital changes occur in the atomic energy field, special reports interpret for you their true significance. These authoritative and expert reports are part of your subscription membership.

the advisory service
You are privileged as a subscription member to submit inquiries on any phase of industrial applications of atomic energy. Now, you may reach those who will show you how the atom can be put to work for you.

clearing house of atomic information
Possibly you may desire further details on some item appearing in the Newsletters — or certain aspects of the atomic picture may not be clear. For such purposes, subscription members may have full use of the facilities of Atomic Energy News, Inc. — the only atomic news agency and exclusively used by *Atomic Energy Newsletter.*

YOU NEED THIS HELP — NOW MORE THAN EVER

Subscription membership, including *Atomic Energy Newsletter* and the extra services costs only $18 for a full year. Just fill in and return the enclosed card TODAY.



ATOMIC ENERGY *newsletter*
FIVE HUNDRED N... ...TH AVENUE NEW YORK 17, N.Y.

ATOMIC ENERGY newsletter®

FIVE HUNDRED NINE FIFTH AVENUE NEW YORK 17, N.Y.

A SERVICE FOR INDUSTRY COMMERCE BUSINESS AND RESEARCH

February 14, 1949

Mr. J. Edgar Hoover, Director of FBI
Department of Justice
Constitution Ave. at 10th St., N. W.
Washington, D. C.

Dear Mr. Hoover:

Atomic energy is the vital subject today.

Now, with ATOMIC ENERGY NEWSLETTERS, the new non-technical atomic energy publication, you can get complete coverage of the world-wide atomic energy picture.

ATOMIC ENERGY NEWSLETTERS are bi-weekly, four page reports in easily understood language--devoted exclusively to global atomic energy activities. They are readable, interesting; authoritative and timely.

The four fact-filled pages of the NEWSLETTERS carry no advertising. No space can be spared--there is too much that must be reported. Latest uranium ore discoveries and workings in the United States, Canada and Alaska--atomic patents--legal and legislative decisions--changes and newest policies of the United States Atomic Energy Commission--new products, new materials, and new equipment in the atomic field; this is only some of the material covered.

Atomic energy profoundly affects all of us today. Many of the developments in this field are bewildering--puzzling.

ATOMIC ENERGY NEWSLETTERS analyse and interpret these rapidly changing atomic energy developments. The editors translate new atomic discoveries and applications so their meaning and actual worth can be clearly understood.

ENCLOSURE ATTACHED

The ATOMIC ENERGY NEWSLETTER staff knows its business--knows what information is most needed--knows how to go out and get it--first.

Read the enclosed booklet. It describes more fully subscription membership--only $18 annually--which covers a full year of ATOMIC ENERGY NEWSLETTERS plus free services such as the Special Atomic Reports that are issued when important changes occur in the atomic program.

Just fill out and return the enclosed card---your subscription will begin immediately.

Sincerely,

Robert M. Sherman
Vice-President

RMS:mw

Mr. Clegg
Mr. Glavin
Mr. Nichols
Mr. Tracy
Mr. Egan
Mr. Gurnea
Mr. Harbo
Mr. Mohr
Mr. Pennington
Mr. Quinn Tamm
Mr. Nease

ENCLOSURE

RECORDED - 32 117-532-1
INDEXED - 32
MAR 18 1949

EX-141

NW: 13002 DocId: 59171308 Page 70
ALL FBI INFORMATION CONTAINED HEREIN IS UNCLASSIFED DATE 11/28/06 BY 60309/uc/tdm/kk/bmk

FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. FLETCHER

FROM : V. P. KEAY

SUBJECT: ATOMIC ENERGY NEWSLETTER

DATE: March 7, 1949

Mr. Tolson
Mr. E. A. Tamm
Mr. Clegg
Mr. Glavin
Mr. Ladd
Mr. Nichols
Mr. Rosen
Mr. Tracy
Mr. Egan
Mr. Gurnea
Mr. Harbo
Mr. Mohr
Mr. Pennington
Mr. Quinn Tamm
Tele. Room
Mr. Nease
Miss Holmes
Miss Gandy

A. E. N.

Reference is made to the ~~attached~~ letter to the Director and attached literature concerning a new publication known as the Atomic Energy Newsletter which will contain complete coverage of the world-wide atomic energy picture.

You will recall that you suggested that we check with AEC concerning the advisability of subscribing to this publication. Mr. Rolander, AEC, checked into the matter thoroughly and it was ascertained that the Commission knows nothing about this publication and, in fact, has also been approached for a subscription. The Commission plans to subscribe to this newsletter and each issue will be studied thoroughly for any possible violation of the Atomic Energy Act. Mr. Rolander suggested that the Bureau might desire to subscribe to this publication, not only for informational purposes but also for the possibility that it might reveal restricted or secret information.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 11/28/01 BY 60309/UC/TDH/KR/MMT

RECOMMENDATION:

It is recommended that the Bureau subscribe to this Atomic Energy Newsletter. If you approve, it is suggested that this memorandum be routed to the Chief Clerk's Office so that the subscription can be obtained.

ENCLOSURE ATTACHED

RWL:clh

RWL

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RECORDED 132

23 MAR 18 1949

EX-141

52 APR 4 1949

EX-141

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI DATE: March 10, 1949
Attention: Mr. N. P. Callahan

FROM : SAC, New York

SUBJECT: ROBERT M. SHERMAN
Vice-President Atomic Energy News Letter
509 Fifth Avenue
New York, New York

Reference is made to the telephone call by Mr. N. P. Callahan at the Bureau to Assistant Special Agent in Charge W. M. Whelan of this office on March 9, 1949, with reference to the above-entitled matter.

The indices of this office, Dun and Bradstreet, the Greater New York Credit Bureau, Army and Navy Intelligence, the New York Public Library, the National Publishers Association, "Editor and Publisher", the Directory of Directors, Who's Who in America, Poor's Directory and the records of the New York City Police Department were all consulted in an effort to ascertain the identity and background of ROBERT M. SHERMAN and the ATOMIC ENERGY NEWS LETTER with negative results.

Miss ETHEL PELZER of the Editorial Staff of "Nucleonics", a McGraw Hill publication, advised that she had attempted to learn something of the background of the ATOMIC ENERGY NEWS LETTER in order to determine the advisability of subscribing to the News Letter. She said she had been unable to communicate directly with ROBERT M. SHERMAN but all telephonic attempts to contact him went through the telephone of the SHERMAN OPTICAL COMPANY, 509 Fifth Avenue, New York City. She advised that her publication had decided not to subscribe to the News Letter because they believed it would be merely a digest of press releases pertaining to commercial uses and adaptations of atomic energy which would also be available to "Nucleonics".

Mr. HARRY WALSH, Assistant to the Director, Security Division, Atomic Energy Commission, 70 Columbus Avenue, New York, New York, advised that that agency had received an announcement concerning the forthcoming publication of the News Letter and an invitation to subscribe. He stated that the Atomic Energy Commission files in New York and in Washington, D.C., failed to disclose any information concerning SHERMAN. Mr. WALSH noted that the telephone number printed on the News Letter announcement and that of the SHERMAN OPTICAL CORPORATION were identical.

The records of the New York County Clerk's office show that the SHERMAN OPTICAL CORPORATION was incorporated March 1, 1948. SHERMAN'S name does not appear as an incorporator but this is not significant because it is a custom among lawyers filing incorporation papers to use the names of the clerical personnel in their office as incorporators. The County Clerk had no record of any incorporation or otherwise of ATOMIC ENERGY NEWS LETTER.

WOM:MEW

RECORDED - 140 117-532-2
INDEXED - 140
23 MAR 1949
EX-11

Telephonically adv. to subscribe to this publication.

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NW: 53 APR 6 1949 Docld: 59191208 Page 68

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI

DATE: April 18, 1949

FROM : SAC, New York

SUBJECT: ATOMIC ENERGY NEWS LETTER
509 Fifth Avenue
New York 17, New York

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DATE 11-22-06 BY [illegible]

Re telephone call from Mr. N. CALLAHAN of the Bureau to Mr. RALPH SPOSATO of this office March 14, 1949.

In accordance with instructions a subscription has been made to this publication. As issues are received they will be forwarded to the Bureau promptly.

RECORDED - 39 [illegible]

3 APR 22 1949

FJM:MM
117-92

APR 28 1949

EX-126

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI

DATE: April 25, 1949

FROM : SAC, New York

SUBJECT: ATOMIC ENERGY NEWSLETTER

Attention: Mr. H. B. Fletcher

Transmitted herewith is the April 12, 1949, issue of the "Atomic Energy Newsletter."

In accordance with instructions, subsequent issues will be forwarded to the Bureau as they are received by this office.

ENCL.
ENCLOSURE ATTACHED
TJMcS:RAA
117-92

Enclosure

G.I.R.-7

117-5325

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RECORDED - 34
INDEXED - 34

19 MAY 19 1949

61 MAY 25 1949

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Enclosure to Bureau

Re: New York file 117-92

ATOMIC ENERGY newsletter®

FIVE HUNDRED NINE FIFTH AVENUE NEW YORK 17, N.Y.

A SERVICE FOR INDUSTRY COMMERCE BUSINESS AND RESEARCH

April 12th, 1949.

Dear Sir:

New $70 million gaseous diffusion plant to be erected at Oak Ridge, Tenn. for production of fissionable uranium-235 from natural uranium...now in sub-contract allocation stage. Maxon Construction Company, construction contractors, recently announced Edenfield Electric Co., Nashville, Tenn., as electrical sub-contractor--with Kaighin and Hughes, Inc., Toledo, Ohio, to do advance planning of all mechanical work: plumbing, heating, ventilating, etc.

Actual construction work is scheduled for mid-summer...completion time estimated at two years...to require approximately 3,500 construction employees...will add substantially to U.S.'s output of uranium-235, now produced here at huge K-25 plant, wartime project.

Natural gas, as alternate fuel for steam power plant of above K-25 facility, (AEN 3/15/49) was originally opposed by coal producers. Now, Rockland County (New York) claims serious gas shortage would occur in thousands of homes in that vicinity if Oak Ridge, some 750 miles distant, were added to line supplying them. Despite these protests, East Tennessee Natural Gas Company, supported by Atomic Energy Commission, asked Federal Power Commission in Washington last week to act quickly on its pending application--if it is to supply the gas, it said, it must order steel pipe before May first.
Note: AEC officials estimate $1,228,000.00 a year would be saved if Oak Ridge made complete changeover from coal to gas. However, plan is to use gas as alternate source, rather than make complete substitution.

LOS ALAMOS, NEW MEXICO...A $7 million housing project at this atomic weapons center will add over 400 units...should do much to relieve present cramped conditions. Area to be developed: Northern Community. Architectural consultants, headed by William W. Wurster, dean of architecture at Massachusetts Institute of Technology, are responsible for pier construction that will be used rather than clearing, filling and compacting soil...said funds and energy ordinarily used in grading operations should be transferred to recreation and playground work.
(See bid section, this LETTER, for how to bid.)

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HANFORD PLUTONIUM WORKS, WASHINGTON...Officials from Arco, Idaho, site of new atomic installation, met here recently with Hanford operations people. Object: To learn why's and wherefore's of atomic community relations. The Hanford group emphasized importance of proper zoning, and utility layout... preparation for influx of construction workers and later, permanent residents. (See: NO ATOMIC CITY AT ARCO, SAYS AEC; this LETTER, page 4)

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ATOMIC PATENT FIELD...a digest of latest U.S. and British developments...

U.S. ESTABLISHES ATOMIC PATENT COMPENSATION BOARD...Three man board: Casper W. Ooms, John V. L. Hogan, Isaac Harter--was appointed last week by AEC to act on applications arising under patent provisions of Atomic Energy Act of 1946. (Act prevents handling patents under normal U.S. procedures.)

SPECIAL BRITISH NUCLEAR PATENT PROVISIONS...New subdivisions have been set up by British Patent Office...atomic piles and other nuclear reactors, magnetrons and velocity modulated beam tubes, and betatrons, cyclotrons, and electron microscopes, now have separate categories.

PATENTS GRANTED...

THIN WALLED G-M COUNTER...This Geiger-Muller tube has a tubular cathode with an anode extending along its axis; the anode is supported by the internal member which hermetically closes the ends of the cathode. The cathode has at least one window which is covered by a sheet of polyvinyl formal a maximum of 1½ microns thick. U. S. patent 2,465,821, granted 3/29/49 to Roman Smoluchowski and assigned to General Electric Co., U.S.A. (Application 5/31/46.)

RADIATION MEASURING DEVICE...An ionization chamber instrument, for measurement of particles and radiations. Consists of ionization chamber with associated circuit. U.S. patent 2,465,938, granted 3/29/49 to F. R. Shonka and assigned to U.S. Government (USAEC). (Application 11/21/46.)

NUCLEAR ENERGY CONVERSION MEANS...An apparatus for converting nuclear energy into electrical energy. Brit. patent 618,508, accepted 3/9/49 from F. Okolicsanyi. Scheduled date of patent issuance, 3/29/49. (Application 1/29/46.)

RADIOISOTOPES...newest industrial applications...

...in gauging thickness- Ionization chamber instrument has been used by U.S. General Electric Co. to measure thickness of such material as aluminum, tin foil, plastics, and textiles during their movement on conveyor belt. Procedure: Source of radiation, strontium-90, sends stream of beta rays at material...thicker it is, the less that reaches chamber instrument that is positioned on opposite side of conveyor belt from beta ray source, and its meter reading thus gives instantaneous check of objects scanned.

...in textile weaving- Yorkshire and Lancashire (England) textile mills are now making first practical application of radioactivity in the British textile industry.

Radioactive substance is placed on one side of cloth as it is woven... monitoring device on the other side measures degree to which it absorbs radiation. Thickness of cloth at given point can then be checked. Makes it possible, without stopping the loom and delaying production, to adjust any irregularities in the quality of the cloth, before it has gone too far.

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RADIOISOTOPES...newest medical and biological applications...

...in treating thyroid disease- In 90% of the treated cases at the Cleveland Clinic, diffuse goiters disappeared after 1-3 treatments with radioactive iodine over a 2-4 month period, George Crile and co-workers there recently reported. Only complication noted was a transient hypothyroidism. The treatment isnot recommended for children with nodular goiters. Caution is required in the use of this method which may in certain cases actually produce cancer.

...in determining carbon monoxide action in body- Carbon-11 (half-life 21 min.) in the form of carbon monoxide was recently used by Australian researchers to determine for their Navy the fate of this gas in the body. After inhaling a mixture of this special carbon monoxide and oxygen, the exhaled gas was found to be inactive. The activity was ultimately found to be stored in the liver, and only later released and recovered in the exhaled breath.

RADIOACTIVE ORE DISCOVERIES...new workings...worldwide...

UNITED STATES...Saulte Ste. Marie, Mich.- This town is duplicating the uranium ore claim staking rush occurring across the Sault river here in its name-sake town of Sault Ste. Marie, Ontario, where the biggest staking rush in Ontario's history is taking place. (AEN 3/15/49). Geologists have reported that the river is the dividing line between two geological ages... Michigan is on the wrong side. However, Canadian law permits Michigan residents to file in Ontario.

CANADA...Saskatchewan- The Director of Mineral Resources here has reserved to the province all unstaked ground in a 20-mile radius of claim S-4911 on the shore of Murmac Bay, on Beaverlodge Lake. This is considered the most favorable area north of Lake Athabasca for finding deposits of uranium ore.

The new uranium ore field, at Black Lake, northern Saskatchewan, has been surveyed under extreme weather conditions by crews of the provincial survey's branch who have now been returned to civilization after completing the two-month job.

AUSTRALIA...South Australia- The uranium ore occurence in the locality of Mt. Painter, in the Flinders Range, 300 miles N. of Adelaide, is being actively investigated by the Department of Mines. Shaft sinking, tunnelling, diamond drilling, prospecting and geological and geophysical surveys are underway. Although uranium ores were discovered here as early as 1911, rugged terrain held back earlier exploitation efforts; uranium ores here are similar to those of Portugal and Bulgaria, where primary uranium minerals present in granite and pegmatite have given rise to secondary enrichment.

FRANCE...M. Dautry, Government delegate of the French Atomic Energy Commission, has announced that the pitchblende deposits recently discovered at St. Sylvestre (AEN 3/1/49) are richer than any other uranium ores worked in France, although their extent is not yet known. He thought that France would be self sufficient so far as her uranium needs were concerned, at least for the present.

NW: 13002 Docid: 5917308 Page 59

RADIATION ILLNESS...remedial methods and techniques...

... Researchers at the University of Oregon's Medical School have recently found that horse serum, administered to Swiss mice ten days before exposure to large radiation dosages, reduced mortality within forty days to zero. This compared with 20 and 25 per cent losses, respectively, among male and female controls. They found male and female hormones, adrenal gland cortical hormones, and certain steroids all affecting sensitivity to ionizing radiation.

... Rutin, believed at one time to hold promise of being effective against ionizing radiation, has been found valueless for this purpose by researchers at the Naval Medical Institute, in Maryland. In an experiment with mice, both the rutin treated mice and the control mice subjected to radiation dosage, used in the experiment, showed identical signs of radiation sickness.

SPECIAL BID NOTICES...for atomic projects...

BIDS INVITED...U.S. Atomic Energy Commission, Contracts Branch, Los Alamos, New Mexico:-

(1) Group 12, Housing Units, Los Alamos, N.M., including constructing approximately 438 frame duplex and 4-unit apartment buildings; the four unit apartments will be a 2-story structure; all utilities included in the work; deposit $50 required for plans, etc.; inv. 291-49-134. (Bid closing date as yet unannounced...see news section, this LETTER, for further details.)

(2) Constructing Grade School, North Community Area, Los Alamos; one story superstructure; deposit $50 required for plans, etc.; (Bid closing date as yet unannounced.)

(3) Additional buildings, White Rock Camp, including 40 frame pre-fabricated 3-bedroom dwellings; other buildings; deposit $50 required for plans, etc.; inv. 291-49-5. (Bid closing date as yet unnannounced.)

(4) Construct water reservoir, on North Mesa, west of White Rock Camp, and connect to existing camp water mains; deposit $25 required for plans, etc.; inv. 291-49-112, bids May 3.

BID INVITED...U.S. Atomic Energy Commission, P.O.Box 365, Oak Ridge, Tenn.; High school with 1,500 seat auditorium; inv. 401-19-11A, bids April 28. ($2,000,000-$4,000,000.)

BID INVITED...Roane-Anderson Co., Attn: F.C. Feld, P.O.Box 456, Oak Ridge, Tenn.; (for Atomic Energy Commission); Improvements, Gamble Valley School, including construction, electrical work, etc.; deposit $10 required for plans, etc., inv. 49-16, bids May 3.

CONTRACT AWARDED...General contract, 343 single and duplex family dwelling units, Oak Ridge, Tenn., to Maxey & Leftwich, Lubbock, Texas, $2,833,934.

Sincerely,

The Staff,
ATOMIC ENERGY NEWSLETTER

NW: 13002 DocId: 59171308 Page 60

RELEASED FORTNIGHTLY BY ATOMIC ENERGY NEWS, INC., 509 FIFTH AVE., NEW YORK 17, N. Y.

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI
Attention Mr. H. B. Fletcher

DATE: May 5, 1949

FROM : SAC, New York

SUBJECT: ATOMIC ENERGY NEWSLETTER
ATOMIC ENERGY ACT

There is being transmitted herewith the April 26, 1949 issue of the "Atomic Energy Newsletter".

As additional issues of this publication are received, they will be forwarded to the Bureau promptly.

Enc. (1)

ENCL

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RECORDED - 27 117-532-4

U. S. DEPT. OF JUSTICE F.B.I. MAY 12 1949

JJM:RK
117-92

51 MAY 19 1949

ATOMIC ENERGY newsletter®

FIVE HUNDRED NINE FIFTH AVENUE NEW YORK 17, N.Y.

A SERVICE FOR INDUSTRY • BUSINESS • ENGINEERING AND RESEARCH

April 26th, 1949.

Dear Sir:

Radioactive contamination of the Mississippi and Missouri rivers... a possibility were the new reactor testing plant (AEN 4/12/49) to be located at Fort Peck, Montana, near the headwaters of these rivers...influenced choice of site in Arco, Idaho, it was announced last week.

Montana congressional delegation in Washington last week urged Fort Peck location...cited danger of another atomic installation on same power grid that supplies Hanford plutonium works.

Delegation was told: No satisfactory way has yet been found by U.S. to dispose of radioactive wastes...that Arco is a natural sump site--not even surface drainage to the 40-mile distant Snake river. (SEE: Britain Dumps Radioactive Waste at Sea-page 2, this LETTER.)

Record peace-time U.S. atomic energy budget of $1,090,120,397.00 for fiscal year starting this July 1st...has been approved by House appropriations committee. It is $150 million more than current year spending... but $77 million less than had been asked by U.S. Atomic Energy Commission.

No cuts made in research and development work...reductions were in overhead expense. (Cost analyses: See individual reports from atomic installations that immediately follow.)

HANFORD PLUTONIUM WORKS, Richland, Washington...For the new fiscal year, $2.8 million were requested for construction, equipment, maintenance and operation of this city--$9.5 million less than current funds. From new funds, construction will get $1.9 million...largest part ($1.3 million) for a new school...balance for community utilities.

Prime contractor here, General Electric Company, administering the community as well as the plutonium and allied works, gets $200,000.00 monthly as its community operating fee. Rentals accruing to G-E from dwellings and business locations here average $303,900.00 monthly.

Possibility of disaster here must keep closed to human habitation some 150,000 acres across the Columbia river from Hanford works, AEC Chairman Lilienthal announced last week. Despite protests from the Northwest (AEN 3/29/49), he said the remote chance of an atomic explosion at Hanford Works prevents opening this area for settlement. (A survey just released shows that for both 1947 and 1948 average accident rates at Hanford Works were lower than those for clerical workers throughout the United States.)

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NW 13002 DocId:59171308 Page 62

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OAK RIDGE, Tenn...An $11 million dollar budget for facilities, new equipment, and new construction has been submitted for the new fiscal year by this atomic city...with $8 million required for maintenance. This compares with a present allocation of $27 million for facilities, etc., and $8½ million for maintenance.

Roane-Anderson Company (wholly owned subsidiary of Turner Construction Co., N.Y.) receives a monthly fee of $16,000.00 to operate the community...says this is just over 1% of the gross amount of its government contract as community administrator.

Fairchild Engine and Aircraft, prime contractor on the NEPA (Nuclear *Energy for Propulsion of Aircraft*) project here, recently announced unfilled orders of its various divisions totalling $90 million, against $44 million at the end of 1947. (NEPA is U.S. Air Force's main effort to propel aircraft by atomic means.)

LOS ALAMOS, New Mexico...The recently approved U.S. atomic weapons budget for the fiscal year beginning this July 1st is to be $109 million in cash and $100 million in contract authority. It is expected that since Los Alamos is the center of this activity a large percentage will be spent here.

Over $18 million in cash and contract authority were requested for new community construction...with $4 million for operation and maintenance of the community.

Radio station KRSN, Los Alamos, will go from government to private control if the FCC approves Rio Grande Broadcasting Company's pending application to operate it on 1490 kilocycles, unlimited time, 250 watts. Now, KRSN "pipes" its program over power lines...a wartime security measure.

RADIATION HAZARDS...and coping with the dangers.

...Children were discovered playing in fenced-off radioactive waste area at Los Alamos last week...were rushed to health laboratory for examination. Fortunately, they had not picked up any radioactivity.

...Radioactive contaminated waste from Britain's Atomic Energy Research Establishment at Harwell is now being dumped in lots of about 20 sealed drums at a time in the Atlantic several hundred miles SW of the British Isles. Ministry of Supply official who made the announcement said it is encased in something heavy, like concrete, to ensure it goes to the bottom...that it would not have harmful effects on fish or animal life.

...Radioactive materials have been added to the Poisons List in France, in an order just issued by that country's Minister of Health. Covered, are radium, uranium, actinium, thorium, and their salts, but not naturally occuring waters or muds. Intermediate products, radioactive residues, artificial radioactive elements and all products rendered radioactive by the addition of radioelements are also included.

NW: 13002 DocId: 59171308 Page 63

RADIOACTIVE ORE DISCOVERIES...new workings...worldwide...

UNITED STATES...New Mexico- Considerable interest is being attracted to the White Silver mining district, 25 miles south of Silver City, N.M., where extensive uranium ore exploration activities are under way. Geologists are said to be optimistic about the possibilities of uranium ore in this area.... four different samples were recently found to be radioactive.

...Nevada- Nevada Uranium Production Company, with recently secured equipment, is completing a powder magazine at its leased Rainbow mine at Round Mountain. The main 340 foot tunnel, largely in uranium-bearing ore, will be extended, and winzes will be sunk where the highest measure of radioactivity is indicated.

MEXICO...Mexico City- This country will begin uranium ore mining activities soon, Ricardo Lopez, director of the Institute of Geology announced last week. Ores have been reported in Baja California, and in Chihuahua and Chiapas States.

CANADA...Nisto Mines, Ltd., has started work on its Tobey concession at Black Lake, northern Saskatchewan. Diamond drilling is to follow surface work. Small lenses of massive pitchblende are showing on the Nisto ground...lengthy sections are expected to contain about 0.5% uranium oxide (equaling $27.50 per ton) over mining widths.

...Five radioactive showings were recently reported on the 26 claims of Danaray Uranium Mines, Ltd., (of 330 Bay St., Toronto) whose property covers Pointe Aux Mines, two miles south of Camray on the East shore of Lake Superior. Although the snow prevented more than preliminary examination, one of the showings was believed to be pitchblende. Rock types are different from Camray and Jalore (Jones & Laughlin) pitchblende discoveries in the area.

GREAT BRITAIN...Uranium and thorium ores have been reported found in Scaler's Hill Colliery, Rochester, Kent. The Ministry of Supply has requested samples for testing.

EGYPT...Uranium ore is believed by geologists to exist near the small Red Sea ports of Koseik, according to semi-official sources. Necessary equipment to carry on prospecting has been ordered by the Mines and Quarries department.

SPAIN...This country is now fourth among world producers of uranium ores, with proved reserves estimated at a minimum of 850 tons (uranium content), according to the Directorate General of the Spanish Mining Industry. The most important deposits now being exploited, he announced, are those at Hornachuelos, near Cordona. They cover an area 25 km. long by 6 km. broad, and consist of pegmatites similar to those of southern Norway...yield is 3 kilos to the ton.

CEYLON...Efforts are being made by the Ceylon Government to locate deposits of thorium sufficient to work on a commercial basis...those uncovered so far have been suitable only for working on a laboratory scale.

NW: 13002 DocId: [illegible] Page 64

RADIOISOTOPES...in various fields...

MEDICINE...Radioactive phosphorous was recently administered for the second time to a patient suffering from Hodgkin's disease, under the atomic medical program of the University of Tennessee Hospital at Knoxville. Patient contracted the disease a year ago...first treated February this year...reported to have rallied after first treatment.

...Four other patients at this hospital, suffering from polycythaemia, showed reduction in red blood cell count after one or two treatments with radioactive phosphorous. (Excessive red cell count characterizes this disease.) Last week, one patient, after two months of treatment reported "marked relief."

PLANT STUDIES...Algae, one of the simplest forms of plant life, has now been made radioactive by Argonne National Laboratory in Chicago...it is available to qualified research workers from the Isotopes Division at Oak Ridge, Tenn.

U. S. ATOMIC POLICY & PROGRAM CHANGES...reported from Washington, D.C.

...Inventions involving fissionable material or atomic energy developed under an AEC research and development contract are to be reported promptly to the AEC who will take charge of the invention(s). This is one requirement of the new joint regulation, Section IX, "Patents & Copyrights", (section eleven) of the Armed Forces Procurement Regulation that becomes effective July 1, 1949.

...The commission appointed by Pres. Truman to work up a labor code for the nation's atomic plants (AEN 3/15/49) and headed by William H. Davis, former WLB chairman, has recommended creation of a labor relations panel. The panel would deal with disputes of an emergency nature...right to strike would be preserved, but public opinion would be relied upon for acceptance of panel's recommendations. Standstill period would be provided, pending the panel's action.

NEW PRODUCTS...

...Radioactive pharmaceuticals. Distributed below cost of production, to qualified research and medical institutions.--Abbott Laboratories, N. Chicago, Ill.

...Gamma-ray level indicator. Measures, with radioactive material, heights of corrosive liquids stored in tanks.--Instruments, Inc., Tulsa, Oklahoma.

...Directional counter. A Geiger-Muller counter tube that can measure, selectively, radiation coming from only a particular direction, in the presence of additional radiations passing in many directions.--Radiation Counter Laboratories, Chicago 8, Ill.

...Charging and reading instrument for pocket type ion-chamber devices. Regulating circuit permits stable action on input variations between 95 & 130 volts. For 110 V. A.C.--Nuclear Instrument & Chemical Corp., Chicago 10, Ill.

...Portable radiation survey instrument. Designed for radioactive ore prospecting. Uses resistor-quenched Geiger-Muller tube for circuit simplicity. --Bay Instruments and Developments, Berkeley 5, Calif.

NW: 13002 Docld: 3917308 Page 65

ATOMIC CONSTRUCTION ACTIVITIES...

...Beryllium will be manufactured for the U.S.'s atomic project in the government-owned former magnesium reduction plant at Luckey, Ohio, by Brush Beryllium Co., Cleveland, Ohio, who have made beryllium for the AEC in another plant in Ohio. Modification of existing buildings at Luckey will begin immediately... production is expected to get underway this August.

...In connection with the Atomic Energy Commission's new plant to be constructed on the Salton Sea in California, a contract for pumice blocks has been awarded the Builder's Supply Corporation.

...Rapid construction progress is reported at England's new plant for production of fissionable materials at Sellafield, Cumberland, with three firms of contractors employing 2,500 men now fully engaged. One of the two main buildings appears, outwardly, almost complete...other is more than two-thirds built...each will have a 500 foot concrete chimney stack. Miles of railway track are being laid, and a pipe line extending some distance out to sea will be used for waste discharge. More land is being acquired to extend the site to the sea on a frontage of about a mile.

BIDS, CONTRACTS AWARDED, & LOW BIDDERS...for atomic projects...

BIDS INVITED...U.S. Atomic Energy Commission, Contracts Branch, Los Alamos, New Mexico:-

(1) First increment, rehabilitation; certain buildings; plans, etc.; deposit $25.00; inv. 291-49-77, bids April. 26.

(2) Remodeling houses; plans, etc., deposit $25.00; inv. 49, bids May 5.

(3) Bid closing dates on previously announced bids (AEN 4/12/49) as follows-

Inv. 291-49-5, constructing buildings; May 4.
Inv. 291-49-134, for $5-$7 million housing; May 16.

LOW BIDDER...Steel gas main, from Brown & Olds, Los Alamos, $63,926.
LOW BIDDER...U.S. Atomic Energy Commission, Grand Junction, Colorado:- Constructing housing, at Monticello, Utah, from Gordon Supply Co., Moab, $171,000.00.

CONTRACT AWARDED...U.S. Atomic Energy Commission, Ames, Iowa:- Research laboratory, Iowa State College; to James Thompson & Sons, Ames, $1,749,000.00.

Sincerely,

The Staff,
ATOMIC ENERGY NEWSLETTER

NW: 13002 DocId: 59171308 Page 66

Frank Owens
P. O. Box 402
Grand Central Annex Station,
New York , N, Y.

117-53a-b

ATOMIC ENERGY newsletter

FIVE HUNDRED NINE FIFTH AVENUE NEW YORK 17, N. Y.

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI

DATE: May 16, 1949

FROM : SAC, New York

SUBJECT: ATOMIC ENERGY NEWSLETTER

Attention: H. B. Fletcher

Attached hereto for your information is the May 10, 1949, issue of the above-captioned publication.

~~DEFERRED RECORDING~~

TJMcS:RAA
117-92

Enclosure

ENCL
72

ENCLOSURE ATTACHED

RECORDED - 72 117-532-6

19 MAY 20 1949

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ATOMIC ENERGY newsletter®

FIVE HUNDRED NINE FIFTH AVENUE NEW YORK 17, N.Y.

A SERVICE FOR INDUSTRY • BUSINESS • ENGINEERING AND RESEARCH

May 10, 1949.

Dear Sir:

Pilot version of an atomic central-station power plant...to be built at West Milton, N.Y., near Schenectady, at $18 million cost, by General Electric Company for U.S. Atomic Energy Commission...will have an efficiency of 25% in converting heat generated by atomic energy into electricity, in its early operation, Dr. K. H. Kingdom, of the G-E research laboratory, told American Institute of Electrical Engineers in Buffalo last week.

Atomic fuel can supply heat at any temperature up to millions of degrees, Dr. Kingdom pointed out...operating limit is set by characteristics of metals used. At 600°F., he stated, 25% efficiency is possible...compares with steam turbine generators 25 years ago.

Another problem described was transferring heat from slugs of atomic fuel to water to be converted into steam...liquid metal was found most effective. (SEE: Gallium, metal that melts at 86°F. and boils at 3,700°F., now available from Aluminum Company of America; page 2, this issue.)

Possible atomic power applications mentioned by Dr. Kingdom: For ships, small bulk of atomic fuel appears to give it great advantage over more conventional fuels. On land, need for an atomic plant supplanting one burning coal or oil varies from place to place, and depends on availability of older fuels and amount of reserves as compared with atomic fuel.

First section of $25 million Knolls Atomic Power Laboratory, where this attempt will be made to get useful power from nuclear energy...and which is located in Niskayuna, near Schenectady (with exception of nuclear reactor, above, which is to be at West Milton)...is now working on research and control methods for nuclear engineering processes. Completion of balance of laboratory is expected by 1950.

HANFORD PLUTONIUM WORKS, Richland, Washington...Army troops are soon to arrive here for security duty, according to General Mark W. Clark, Commander, Sixth Army. The military unit will provide protection for this area where the new half-billion dollar plutonium plant now under construction will supplement the original $350 million wartime-built and peacetime-rehabilitated plutonium manufacturing unit.

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A $2-$3 million levee program will shortly get under way here...(SEE: Bid section, page 5, this issue for details.)

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LOS ALAMOS, New Mexico...A labor-management settlement last week ended a 16-day old work stoppage of two building trades unions, and eliminated strike threats at this atomic weapons center and at Sandia Base, the secret weapons testing area, outside Albuquerque. At Sandia, officials reported the work stoppage had slowed construction activity to 25% of normal.

Pressurizing will be a feature of a new building to be erected at Sandia. According to Admiral George Kraker, manager here for the Atomic Energy Commission, the increased interior air pressure is to prevent dust being blown into the structure. Termed a warehouse by Sandia officials, it will be air conditioned...is *largest single construction project awarded here by U.S. Engineers.*

OAK RIDGE, Tenn...Three basic courses in the techniques of using radioisotopes as tracers will be given here this summer by the Oak Ridge Institute of Nuclear Studies, Dr. Ralph T. Overman, chairman, has announced. Courses will run from June 6th to July 1st...July 11th to August 5th...August 8th to September 2nd. Details may be obtained from Dr. Overman, at P.O. Box 117, Oak Ridge.

Lawsuit for $9 million has been filed by bus drivers local of Teamsters Union (AFL) against American Industrial Transport, Oak Ridge bus operator for Atomic Energy Commission. Amount due is alleged back pay, plus damages...issue involved is "spread time", or that in split-shift when drivers are not actually working.

ATOMIC PLANTS...RESEARCH FACILITIES...current happenings...

United States...A new non-ferro-magnetic synchrotron now being built at Schenectady by G-E will produce X-rays of 300 million electron-volts. Work is being done under Office of Naval Research contract.

...Construction of a one billion electron-volt linear accelerator has begun at Stanford University. It is believed the high voltage will give physicists the laboratory equivalent of cosmic rays.

GREAT BRITAIN...Atomic Energy Research Establishment, Harwell:- Interest attaches here to work on development of ceramic loaded wave-guides for centimetric wave work, design and measurement of waveguide components, and the development of associated frequency and power monitoring equipment.

...Radiochemical Center, Amersham:-Activity here includes standardization of radioactive materials, control of radiation hazards, instrument development, and work in general nuclear physics.

NEW PRODUCTS...for use in the atomic field...

...LIQUID METAL- Gallium, which has been under test as a heat transfer "fluid" in efforts to convert to power purposes the heats of nuclear reactors, is now being produced in high purity by the Aluminum Company of America. The silvery-white metal has a melting point of 86°F., and boils at 3,700°F. Like aluminum, a protective natural oxide film forms readily on its surface. Even when heated to as high as 1000°F., a globule of gallium will remain bright and shining.

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NUCLEAR INSTRUMENTS...

...TRADE NOTES: -Instruments for the study of atomic fission were shown at the recent German trade fair in New York by an export concern, Bayerische Import and Export, G.m.b.H. However, little interest was shown.

-Canadian trade sources estimate that well over 1,000 radiation detection devices will be in use for Canadian radioactive ore prospecting during the season just starting. A Canadian importer of U.S. instruments reports sales of all he can get.

...NEW INSTRUMENTS: -Two pound, portable radiation detection instrument. Sensitive to both beta and gamma radiation. Geiger-Muller tube enclosed in instrument case.--Precision Radiation Instruments, Inc., Chicago 22, Ill.

-Electronic high-speed counting unit. Four tube plug-in unit containing scale-of-ten counting circuit. Can operate at counting rates in excess of 40,000 pulses per second...can resolve pulse pairs spaced less than 5 microseconds apart.--Berkeley Scientific Company, Richmond, Calif.

-All-metal Geiger-Muller tubes. For cosmic and gamma-ray research work...other fields where relatively strong radiation exists.--Ballantine Laboratories, Boonton, N. J.

RADIOISOTOPES...in various fields...

...for malignant growths- A combination of radioactive iodine and the dye, nile blue, has been used in four cases to locate human brain tumors, which were then successfully removed, according to a report from the University of Pennsylvania. Investigators utilized the characteristic of the dye to go directly to the growths, carrying the radioactive iodine which is linked to it. Subsequent probing of the brain with radiation-detecting instrument then revealed location of the tumor.

...to study plant nutrient movements- Radioactive tracer studies of plants at Washington State College have discounted the theory that fluids move in plants by absorption. Dr. Orlin Biddulph, botanist there, has found that minerals are not simply swept up with the water, but are re-circulated from root to leaves and back again, making three or more complete circuits in a day.

...as pesticide tracers- The action of the fumigant methyl bromide, in treated products and insects, is being studied with the help of radioactive bromine at the Pest Inspection Laboratory, Slough, Bucks.(England). Radio-autographs are used to trace the bromine-labeled methyl bromide.

...new source- A number of carbon-14-labeled compounds, not presently available from commercial organizations, have been synthesized at the University of California and are now available for general distribution through Oak Ridge. On hand are:-sodium butyrate, sodium valerate, sodium caproate and sodium heptanoate.

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RADIOACTIVE ORE DISCOVERIES...new workings...worldwide...

UNITED STATES...Colorado- Uranium-vanadium mining and processing operations on the Colorado Plateau are expected to reach or pass the peak they hit during the war, the Atomic Energy Commission recently announced. The Commission has signed a contract with the U.S. Vanadium Corporation under which the AEC's plant at Uravan and the company-owned townsite will be rehabilitated, and new equipment and facilities for the recovery of uranium will be installed. This is the fifth like plant that will be in operation on the plateau sometime this year. (The uranium bearing ores of the Colorado Plateau are bought by the AEC under its Circular Five, a guaranteed minimum price schedule effective until June 30, 1954.)

...Arizona- A uranium ore occurence in fossil wood, as the mineral carnotite, has just been reported in the Vermillion Cliffs area, eight miles west of Lee's Ferry, and ten miles south of the Utah border. The find was made by a Mrs. M. Baker, of Williams.

CANADA...Five radioactive showings, all within 300 yards of the shore of Lake Superior, set off a staking rush last week in which an area four by six miles was quickly taken up. J. G. McCombe, engineer, made the find at MacGregor Cove, ten miles northeast of Camray Mines...staked twelve claims. Most northerly showing has been identified as ellsworthite, a uranium mineral new to this area, which contains 19% uranium oxide.

Wide and increasing activity characterizes the uranium field around the Theano Point-Lake Superior area, with snow about gone. Preliminary tests at Camray Mines, on the eastern shore of Lake Superior, showed radioactivity in seven new places. Camp buildings are being erected for Camray, and for Bobcam Mines, adjoining Camray on the west. Ana Uranium, south of Bobcam, proposes to start work shortly. Roche Long Lac, with claims to the west, has secured financing and is establishing camps north of the Montreal river. Jalore Mines (Jones & Laughlin) are proceeding with preliminary exploration on their find at Frater, made shortly after Camray last Fall.

The Canadian Government-owned Eldorado Mines will spend $1 million to develop its uranium ore properties at the east end of Lake Athabaska, northern Saskatchewan, W.J. Bennett, Eldorado president, recently announced. Shafts will be sunk, and diamond drilling and mapping of surface exposures are to be part of the program.

BRITISH GUIANA...Extensive deposits of uranium and thorium-bearing ores have been discovered deep in the interior of British Guiana, according to a recent report. The British Guiana Government has given John Y. Cole, New York attorney, exclusive rights to search for radioactive ores in a two square mile area in the Kanuku mountains, near the Rapununi River. This followed the recent discovery in this region by a hinterland rancher of the radioactive mineral euxenite.

CZECHOSLOVAKIA...An indication of the expansion now underway at Jachymov mines is seen in a recent announcement by the Ministry of Industry that four sets of buildings, including ones at Ostrov and Jachymov, have been confiscated and made a part of the Jachymov uranium ore mining operation. (Jachymov is the location of what is considered the most important uranium ore occurence of the western Erzgebirge in Czechoslovakia, where the ore has been mined for nearly a century.)

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RADIATION HAZARDS...latest developments in overcoming them...

...Radiation sickness in 50 patients (who had been administered radiation for various reasons) was treated at the Veterans Administration Hospital in New York using the synthetic hormone of the adrenal cortex. Of the patients, all of whom exhibited nausea and/or vomiting plus other symptoms of radiation illness, only three failed to respond. Thirty-seven were completely relieved of the nausea and/or vomiting.

...By removing from radioactive-contaminated air the dust particles to which he believes the radioactive atoms cling, an experimenter, using radio-autographic techniques, at the Radiotherapeutical Institute in Prague, Czechoslovakia, has found the dust-free air almost entirely radioactive-free. (The small amount of radioactivity remaining after the cotton-wool filtering is ascribed to submiscroscopic dust particles.) Although radon and its disintegration products were used in this experiment, it is believed by this worker that artificial radioactive particles (similar to those left in the air after an atomic bomb explosion) will also be adsorbed on dust particles.

BIDS ASKED, CONTRACTS AWARDED, & LOW BIDDERS...for atomic projects...

U. S. Eng., P. O. Box 1538, Albuquerque, New Mexico:-

BIDS INVITED...Theatre, 518-seat, Sandia Base, Serial Number Eng.-29-005-49-84; bids, May 17.

...Heating plant add'n., addn'l. steam distribution system, Sandia Base, Serial Number Eng.-29-005-49-86; bids May 18.

...Erecting 4 butler bldgs., Sandia Base, Serial Number Eng.-29-005-49-87; bids, about May 19.

...Roads and steam distr., Sandia Base, Serial Number Eng.-29-005-49-88; bids, about May 26.

LOW BIDDER...One and two story, 320x360 ft., steel industrial type bldg., Sandia Base, from R. J. Daum Constr. Co., Albuquerque., $2,881,114.00 *(SEE: Pressurized bldg. to go up at Sandia; page 2, this issue.)*

U. S. Eng., Walla Walla, Washington:-

BID INVITED...Levees, Richland, Wash. $2-3 million; bids, June 28.

U. S. Eng., First and Douglas Sts., N.W., Wash., D.C.

BID INVITED...Radiological laboratory alterations, addns., Army Chemical Center, Md., Serial No.-Eng.-49-080-49-146; bids, May 17.

U. S. Atomic Energy Commission, P. O. Box 365, Oak Ridge, Tenn.:-

CONTRACT AWARDED...For 286 duplex dwelling units, to T. C. Bateson Constr. Co., Dallas, Tex., $1,658,195.00.

Sincerely,

The Staff,
ATOMIC ENERGY NEWSLETTER

May 10, 1949

NW: 13002 DocId: 59171308 Page 54

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI

DATE: May 31, 1949

FROM : SAC, New York

SUBJECT: ATOMIC ENERGY NEWSLETTER

Attention: Mr. H. B. Fletcher

Attached hereto is the May 24, 1949, issue of the above publication.

TJMcS:RAA
117-92

Enclosure

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KW

SAC, NEW YORK June 14, 1949

DIRECTOR, FBI

RECORDED - 36 ATOMIC ENERGY NEWSLETTER

EX-118 117-532-7

Reurlet May 31, 1949, enclosing the May 24, 1949 issue of the Atomic Energy Newsletter.

It will be satisfactory for you to transmit this Newsletter to the Bureau via routing slip, since subsequent to the review of the Newsletter it is destroyed unless there is some basis for retaining it in the Bureau's files.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 11/28/06 BY 60309 |UC TAM | KELCMS

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58 JUN 29 1949 234

ATOMIC ENERGY newsletter®
FIVE HUNDRED NINE FIFTH AVENUE NEW YORK 17, N.Y.
A SERVICE FOR INDUSTRY · BUSINESS · ENGINEERING AND RESEARCH

May 24th, 1949.
Vol. 1... No. 7.

Dear Sir:

Re-location of the Los Alamos atomic energy laboratories to a site in the nearby Jemez mountains...a multi-million dollar project... has assumed definite proportions with bids requested for a $2- to $3 million laboratory. (See bids invited, project CMR-10, this LETTER.)

Sandia Base, near Albuquerque, N.M., the secret weapons testing branch of Los Alamos laboratories, may soon be relinquished by its present operator-contractor (and also operator of Los Alamos laboratories) the University of California. Carroll L. Tyler, Los Alamos manager, said feasibility of such a move is presently under discussion. Operation of Sandia's engineering type program by a commercial firm may be more beneficial, he said...with the University concentrating on its more academic Los Alamos research program.

Last week, approval was given by the University of New Mexico to the sale to the Government of 10,000 acres of land it owns adjoining Sandia Base. Continual expansion at Sandia made need apparent. (See bids invited, residences, substation, water system, this LETTER.)

ALL FBI INFORMATION CONTAINED
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DATE 11/24/08 BY 60324/UC/TDM/KR/ljwftw

OAK RIDGE, Tenn.- New central shopping area here has reached construction stage. Streets, sewers and utilities for the 108 acre project...part of this community's "Master Plan" for its permanent development...have been opened to bidding. (See bids invited, site development, this LETTER.)

A 30-bed cancer research hospital, to be constructed as an addition to the Oak Ridge hospital, will contain facilities to study treatment of cancer and other malignancies...will house the medical division of the Oak Ridge Institute of Nuclear Studies. In cooperation with 20 Southern medical schools the Institute will administer the research program. (See bids invited, two story addition, this LETTER.)

John C. Franklin, manager here for the Atomic Energy Commission since the AEC took over jurisdiction in August, 1947, from the old Manhattan District, has resigned his post. Resignation will be effective next month...his successor has not yet been announced.

HANFORD PLUTONIUM WORKS, Richland, Wash.- Freight shipments to Hanford will be facilitated by a new railroad connection that will run from the U.P.R.R. to the works area. Plans and specifications for the work....which includes three bridges with approach trestles and 7½ miles of mainline RR track and sidings...can be secured from A. G. Cervi, contract supervisor, bldg. 101, General Electric Co., N. Richland, Wash. Interested bidders should accompany their request with $50.00 deposit to the order of G.E. Bids will be opened June 16th.

117-532-7
ENCLOSURE

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IN THE ATOMIC FIELD...

...Administrative- Appointments of Henry De Wolf Smyth and Gordon Dean as new members of the Atomic Energy Commission were confirmed by the Senate last week. Vacancies had been created through the resignations of Commissioners Robert F. Bacher and William W. Waymack.

...Important tasks- Sir John D. Cockroft, director of Britain's Atomic Energy Research Establishment at Harwell, told Institute of Chemical Engineers in London recently that if nuclear power is to become of any use, economical means must be found of extracting uranium from the rocks and shales in which it occurs; said chemists had that job before them.

...Insurance eased- Insurance executives heard about radiation hazards at New York meeting last week...were told the atomic energy industry is one of country's safest. Life insurance rates are normal for all but a very small percentage of the U.S.'s 100,000 atom workers...even this small percentage may be further reduced, it was said.

...Fellowships- For qualified investigators who wish to work with radioactive isotopes at the Marine Biological Laboratory this summer, fellowships of $250.00 will be granted, and laboratory fees and round-trip travelling expenses from the university will be paid. Applications to: Dr. Charles Packard, Marine Biological Lab., Woods Hole, Mass.

ATOMIC PATENT DIGEST...latest grants and news...

...Patents Issued...A mass spectrometer of the scanning type. To Carleton H. Schlesman, Camden, N.J., assignor to Socony-Vacuum Oil Co., Inc. U.S. Pat.-2,470,745, issued May 17th, 1949.

...A liquid phase process for preparing uranium tetrabromide by refluxing a reaction mixture of uranium oxide, sulphur and bromine. To James M. Carter, Pasadena, Calif., assignor to U.S.A. (USAEC). U.S. Pat.-2,469,916, issued May 10th, 1949.

...A magnetic regulator comprising an electromagnet in associated circuit. To Kenneth R. MacKenzie, Richmond, Calif., assignor to U.S.A. (USAEC). U.S. Pat.-2,468,678, issued April 26th, 1949.

...The three-man Patent Compensation Board, set up to handle applications falling under the Atomic Energy Act of 1946, heard its first case in Washington last week. Involved were royalty fees, payments, and granting of awards to holders of the following patents:

(1) U. S. Pat.-1,715,283, to W.A. Fletcher, Los Angeles, Calif., for communicating circuits used for receiving or rectifying radio waves.

(2) U. S. Pat.-2,060,005, to W.A. Fletcher and N.P. Fletcher, Los Angeles, for combined light and flower holder with claimed radiation flow protection.

(3) U. S. Pat. Application 614,880, of above applicants, for electrical methods and apparatus.

NW: 13002 Docld: 59171308 Page 44

NUCLEAR INSTRUMENTS...

...Automatic beta and gamma ray scaling instrument: the "Raychronometer". Newly developed features; claims simple and stable in operation. --Radioactive Products, Inc., Detroit 7, Mich.

...Portable survey meter for alpha, beta, and gamma radiation. Quartz-fiber electrometer construction. Kelley-Koett Mfg. Co., Covington, Kty.

...Portable G-M radiation counter. Weight 12 lbs. Built-in G-M tube. Direct counting circuit. Tropical impregnation. Requires 6-volt D.C. external power source, capable of supplying 2-amps. Claims extreme sensitivity. Alltools, Ltd., Brentford, Eng.

RADIOISOTOPES ...in various fields...

...New approach to bone cancer- Radioactive gallium (gallium 72) has been approved by the AEC for experimental use in a few selected cases of human bone cancer at the U.S. Naval Hospital in Bethesda, Md., it was announced last week in Washington by Comdr. H.C. Dudley, Navy Medical Science Corps. Dudley said in experiments with animals radiogallium had been found to concentrate in bone tumor masses shortly after it was introduced into the body. Although there is now no evidence that gallium-72 will be useful for cancer control, the high fatality associated with bone cancer, and the very slight progress made so far with X-rays and surgery, permits a new approach to the problem with radiogallium --a very active emitter of beta and gamma rays.

...Metabolism of allergy drug studied- Radioactive carbon has been used in tracer work in metabolic studies of Benadryl (the anti-histamine) at the research laboratories of Parke, Davis & Co., in Detroit. The tracer method (radio-autographic and G-M counter techniques) accounted for a greater percentage of the metabolic products of Benadryl in the body and urine than that found by chemical analysis. However, in Benadryl analyses of tissue by chemical and radioactivity procedures, there was good agreement.

RADIATION....effects and counter-measures...

...At the Department of Radiology of the Henry Ford Hospital in Detroit, anti-histamine drugs (Benadryl and Pyrobenzamine) have been used to protect against tissue damage in radiation therapy, since such tissue damage is accompanied by the release of histamine substances from the cells. Twenty-five mg. of the drug being used were administered orally before each meal, and in the form of an ointment applied to the treated skin. (Aquaphor as a base; either drug in 5% strength.) It was reported that the reaction following dosages as high as 2,400 r in air was much less than was formerly observed with 1,800 r.

...Tulip bulbs, subjected to neutron bombardment at Argonne National Laboratory, Chicago, have been planted at Hope College, Holland, Michigan, and are under the supervision of Dr. Teunis Vergeer, biology department chairman there. Dr. Vergeer reports that irradiation injuries observed included damage to the flowering parts, delayed growth, and marked reduction in the rate of cell division and multiplication--some were destroyed.

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RADIOACTIVE ORE DISCOVERIES...new workings...worldwide...

UNITED STATES...Utah- More than fifty claims in southeastern Utah are being worked by prospectors. The search for uranium ores centers in White Canyon, according to San Juan county officials. Vanadium Corporation of America's mill across the Colorado river from Hite, shortly to go into operation, will be equipped to process ores with as little as one-twentieth of one percent uranium.

...Nevada- First company in the state with a development program for uranium bearing ores, Nevada Uranium Production Company has started a winze from the tunnel level on the Rainbow group of 7 claims it has under option. According to W. J. Loring, manager of Nevada Uranium, 11 samples taken from the 352-foot tunnel about 30 feet apart all showed radioactive indications.

CANADA...Two new pitchblende discoveries were recently made northeast of Camray Mines and north of Sault Ste. Marie, Ontario. A former Eldorado geologist identified these pitchblende findings at the Ranson claims (adjoining to the west, ground withheld from staking as protection for power plants of Great Lakes Power) and at the Dolan group (on the shore of Lake Superior at Beaver Rock Lodge, 20 miles north of Camray).

This prospective uranium area north of the Sault now has twenty companies and numerous syndicates and individuals actively prospecting. So far, pitchblende has been established with some certainty at four properties. Approximately 3,000 claims have been staked, to date, in the Lake Superior area around Camray Mines whose uranium ore discovery last Fall set off rush.

GREAT BRITAIN...A uranium ore occurence has been found at Dartmoor, four miles to the east of Princetown. The Government's Geological Survey states that this is the first strike of the radioactive ore in this district. Geologists pointed out that Dartmoor's thinly-soiled surface is underlain by a type of rock which gives evidence of being radioactive.

ATOMIC CONSTRUCTION ACTIVITIES...

...Small but auspicious beginning was the first contract recently let by the Atomic Energy Commission at Arco, Idaho, site of the new 400,000 acre nuclear reactor field test station; A.J. Schoonover & Son, of Burley, Idaho, were the lowest in 6 bids submitted for well construction there. It is estimated that construction expenditures for this project will total several hundred million dollars...in size it will compare with Hanford, now nation's largest atomic installation.

...Housing is to be provided for workers at England's new plant for production of fissionable materials, now under construction at Sellafield, Cumberland. (AEN 4/26/49.) The Town Council of Whitehaven, close by, has agreed to a Ministry of Supply request to build 170 houses...this is in addition to the 180 houses authorized several months ago. At Seascales, the coastal resort near Sellafield, houses are being built for the administrative staff.

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ATOMIC CONSTRUCTION ACTIVITIES...(Cont'd.)

...New $3 million atomic installation at the Salton Sea, California, now under construction, is expected to be completed about November 1st and activity will start there immediately, Admiral George Kraker announced last week. Kraker, manager of Sandia Base, branch of Los Alamos atomic weapons center, said "certain experimental work" in connection with the atomic energy program would be done at Salton...would involve no radiological hazards to area residents.

Prime contractor at Salton is Trepte Construction Company of San Diego, California. Approximately 250 people are employed there now by the Trepte company and its sub-contractors.

BIDS ASKED, CONTRACTS AWARDED, & LOW BIDDERS...for atomic projects...

U.S. Atomic Energy Commission, P.O. Box E, Oak Ridge, Tenn.:-
BIDS INVITED...Two story addition to and re-modeling of existing Wing E of Oak Ridge Hospital, Bldg. No. 1810-T. Inv. No. 401-49-1-F. Plans, deposit $25.00, from Austin Co., P. O. Box 221. Bids, June 15th.

U.S. Atomic Energy Commission, P.O. Box 365, Oak Ridge, Tenn.:-
BID INVITED...Site development, permanent business section, Oak Ridge, Tenn.; includes roads, parking areas, sewers, water distribution system, sidewalks, electrical distribution and fire alarm systems, etc. Inv. No. 401-49-12A. Plans, deposit $35.00. Bids, June 15th.

U.S. Atomic Energy Commission, P. O. Box E, Oak Ridge, Tenn.:-
BID INVITED...Improvements, group II roadways and sidewalks, for city roads and lanes. Inv. No. 19. Plans, deposit $50.00, from Roane-Anderson Co., P. O. Box 456. Bids, June 8th.

U.S. Atomic Energy Commission, Contract Br., Los Alamos, N.M.:-
BID INVITED...Project CMR-10, Technical Area 35, Los Alamos. Constructing building with facilities including roads, special and laboratory equipment, power lines, tank farm and equipment, etc. Inv. No. 291-49-150. Plans, deposit $50.00. Bid date not yet announced.
LOW BIDDER...Natural gas pipeline, inv. 291-49-122; Sect. 1, from Haddock Eng. Ltd., Santa Fe, $372,451.00; Sect. 2 and Sect. 1 & 2, from Morrison Constr. Co., Austin, $653,717.00 and $1,048,725.00, respectively.

U.S. Eng., Office of the Dist. Eng., Albuquerque, N.M.:-
BIDS INVITED...Construction of 83 single type residences; 24 unit efficiency apartments, AEC family housing, Stage IV, Sandia Base. Serial No. 291-49-94. Bids, about June 7th. Est., $1 million.
...Two-unit substation, Sandia Base, including installation of a two-package unit substation of 3,750 kva each and one small switching station. Serial No. 100. Bid date not yet announced.
...Water supply system, Stage II, Sandia Base; work includes furnishing and erecting 500,000 ga. elevated steel water tank, with foundations. Serial No. 101. Bid date not yet announced.

Sincerely,

The Staff,
ATOMIC ENERGY NEWSLETTER

May 24th, 1949.

NW: 13002 DocId: 59171308 Page 47

ROUTING SLIP FD-4 (2-17-47)

Memo To: Bureau Date 7-12 1949

___SAC Title:
___ASAC
___Supervisor Asst Dir H. B. Fletcher
___Agent
___Steno
___Clerk
___Chief Clerk File No. 117-92

ACTION DESIRED

___Assign to ______	___Open Case
___Acknowledge	___Prepare assignment cards
___Bring File	___Prepare Tickler
___Call Me	___Reassign to ______
___See Me	___Recharge serials
___Correct	___Search and Return
___Delinquent	___Send serials ______ to ______
___Expedite	
___File	___Submit new charge-out
___Leads need attention	___Submit report by ______
	___Type
	___Return Serials

___Undeveloped leads in your district awaiting attention.

Attached hereto is 6/21/49 issue of Atomic Energy Newsletter.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 11/28/06 BY 60309 / UC / TPM / KR / HMC

S.A.C. E. Scheidt
Office New York

(In intra office use return this with notation as to action taken or explanation.)

ATOMIC ENERGY newsletter
FIVE HUNDRED NINE FIFTH AVENUE NEW YORK 17, N.Y.
A SERVICE FOR INDUSTRY · BUSINESS · ENGINEERING AND RESEARCH

June 21st, 1949.
Vol. 1...No. 9

Dear Sir:

All material used to make atomic bombs is procured by the Sandia laboratories, at Albuquerque, N. M., according to Dr. Paul J. Larsen, Sandia director. At Sandia, main field installation of the Armed Forces Special Weapons Project, and branch of nearby Los Alamos, the material flows into the laboratory, where it is checked, assembled, and transferred to the Atomic Energy Commission, Dr. Larsen stated. Sandia also is responsible for the development of fusing and firing circuits of atomic bombs, he said, as well as the development of the exterior contours of the bombs. When atomic bombs are no longer needed, Sandia's facilities can be adapted to developing other forms of atomic power, Dr. Larsen noted.

Charging that the unbusinesslike layout of the Los Alamos community center shopping area, plus high overhead, had made operations unprofitable, Los Alamos concessionaire Fred Mackey declared he is closing up. Following Mackey's charges, 19 Los Alamos businessmen were interviewed by a disinterested party; 10 were dissatisfied in varying degrees with the situation governing business, 6 refused to comment, and 3 declared they were satisfied. (In competitive bidding for Los Alamos locations, concessionaires had named their own rents, Carroll Tyler, AEC manager here pointed out.)

ALL FBI INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 11-12-2004 BY 60324 UC/TBM/KP/MAH

OAK RIDGE, Tenn.- The controversial $10 million, 164 mile pipeline (AEN 4/12/49) to bring natural gas from Greenbrier to Oak Ridge is now under way. Ground was broken last week by Oman Construction Company, of Acklen Park, Nashville, who are doing the work for East Tennessee Natural Gas Company. (Ebasco Services, Inc., of New York, are handling engineering problems and supervising pipeline construction.) According to Wade Thompson, president of East Tennessee Gas, his firm received in June 1948 a 20 year contract to supply Oak Ridge with 60 million cubic feet of natural gas per day.

Despite opposition to the project of Joint Congressional Committee on Atomic Energy, who claim they were not consulted, and who have threatened a rider on the AEC appropriations bill preventing purchase of natural gas, financial circles in New York (where East Tennessee secured its financing) declared the contract rigidly binding. They attach no significance to the recent cancellation of bids for a gas distribution system for Oak Ridge's permanent area. (See bid section, this LETTER.)

117-532

A pay raise of 8 cents an hour has been granted to some 2,000 United Chemical Workers (CIO) at the K-25 gaseous diffusion plant here, where uranium 235 is produced. Negotiations had been in progress with Carbide and Carbon Chemicals Co., K-25 operator.

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Last week, R. W. Cook, deputy manager here, was appointed acting manager. He succeeds J. C. Franklin, Oak Ridge manager since August 1947, who has resigned.

53 AUG 3 1949

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HANFORD PLUTONIUM WORKS, Richland, Wash.- A highly important facility here is to use production line techniques for final reclaiming, refining, and fabrication of plutonium metal, a Congressional committee was told last week in Washington. The process had previously been carried out at Los Alamos, N.M., by slower laboratory techniques. First phase of this new installation, which is planned in three phases, is to start operation June 27th; work on the remaining two phases has been halted, pending completion of the AEC's review of cost accounting methods employed.

Estimates of the new installation's cost had been $6,255,000.00 in December, 1947; actual costs in January, 1949, amounted to $25,219,000.00, according to Dr. Harry A. Winne, of General Electric Company, prime contractor at Hanford, who told the Congressional committee that G-E had full authority to complete the project regardless of cost. In construction of the plutonium facility, Dr. Winne said tests had shown the material to be more dangerous than had been believed when first cost estimates were made. As a result, changes in such things as ventilation equipment were required to protect workers and inhabitants of the surrounding country.

Sixty-five major construction projects have been completed here since July, 1947, (or are in final construction phases) Dr. Winne declared. Included are piles for producing plutonium, chemical separation plants, laboratories, houses, schools, utilities, and a temporary village for construction workers.

IN THE ATOMIC FIELD...

...Washington- Discounting as "fantastic" the theory that espionage was involved in the disappearance of approximately 4 grams of uranium oxide from Argonne National Laboratory, Dr. Walter H. Zinn, director of Argonne, told a Congressional committee that errors in analyses might account for the missing amount.

...London- A Radiation Advisory Committee, composed of leading British scientific and medical experts, has been appointed by the government here to advise on protective measures against radioactivity from both radioactive substances and irradiating apparatus.

AT ATOMIC RESEARCH PROJECTS...

...Brookhaven National Laboratory, Upton, L.I.- Project engineers here are studying cosmic rays, making and testing electronic equipment, and monitoring Long Island's normal radiation background, according to Dr. William A. Higginbotham, of the electronics division here. He said considerable data has been gathered on low-altitude air currents from weather towers set up to study smoke dispersion, in anticipation of radioactive material emissions when Brookhaven's nuclear reactor is in operation. A neutron velocity selector for this reactor is being developed by Airborne Instrument Laboratory, Mineola, N.Y., who recently organized an applied physics section for the task.

...Carnegie Institute of Technology, Saxonburg, Pa.- At this school's nuclear research center here, a 400,000,000 electron-volt synchro-cyclotron was recently dedicated. Cost was put at $1.5 million for the machine, described as one of the world's most powerful "atom smashers".

...Harvard University, Cambridge, Mass.- A synchro-cyclotron of 125,000,000 electron-volt capacity was dedicated here last week. It replaces a 12,000,000 electron-volt cyclotron built in 1937 and sent to Los Alamos laboratories in 1943 for wartime nuclear research.

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RADIOISOTOPES...and radiation...

...Industrial testing- Radioactive cobalt-60 (of high specific activity) will be put to work in industrial radiography and may eventually displace costly radium now used for such purposes, according to Nuclear Development Associates, (NDA) Inc., of New York. Following the AEC's announcement that this high-activity cobalt-60 will be available the latter part of this year, NDA investigated and recommended this particular radiocobalt for non-destructive testing purposes, and cite these advantages which it possesses over radium:

(1) The new radiocobalt, at approximately $50 a curie, is cheaper than radium at nearly $20,000.00 a curie.

(2) Better resolution is obtainable with radiocobalt in penetrating, for example, up to three inches of steel. The improvement will stem largely from the smaller source size, and partly from the more homogenous photon energy spectrum.

(3) Radiocobalt presents a lesser health hazard than radium, since it is free from the undesirable radon gas constantly given off by radium.

...Oil studies- Radioactive tracers are being used in the oil industry to study Fischer-Tropsch synthesis, B. S. Old of Arthur D. Little, Inc., recently told an American Gas Association meeting in New York. He predicted the tracer use would lead to a better understanding of the role of catalysts and the mechanisms of the various Fischer-Tropsch reactions.

...Drug action- The action of methadone labeled with radioactive carbon has been studied, at the University of California Medical School, San Francisco. After administration of the labeled methadone HBr to rats, tests which were made (at periods of from one to three hours) of the specific activity of the brain showed such activity to be no higher than that at carcass levels. This indicates no particular affinity of the central nervous system for methadone. Tests at one hour showed concentrations well above carcass levels in the adrenals, thyroid, lungs, spleen, kidneys, liver and gastro-intestinal tract. It was also found that methadone HBr is almost completely excreted after 24 hours, primarily via the intestinal route and secondarily via the kidneys.

...Parasitology- An effort is being made to determine the effect of radioactive cobalt on the parasite trichinella spiralis, the cause of trichinosis in humans, by researchers at the Department of Parasitology of the University of Hawaii. In one test, trichinous rat meat was placed between two tubes containing radiocobalt in a refrigerator at 4°C., and irradiated with approximately 2,000 r. of gamma rays (filtering out betas) for each 24 hours. Examination of rats fed this meat (in six separate experiments in which irradiation times varied from 4 to 6 days) indicated that under the conditions of the experiment the gamma radiation was not lethal to the trichinae larvae. However, proper dosage renders the female sterile and unable to complete her life cycle.

...Radiation protection- Lead, combined with "Fiberglas", devised as better protection for x-ray technicians than the lead-impregnated rubber aprons now used, was recently shown in Atlantic City to the American Medical Association, for the first time. It is a heavy, silky, material, and for x-ray workers may be used in an apron coat. Use of the material for certain "hot" laboratory needs was foreseen, as well as for rescue workers in atom-bombed areas as protection against gamma radiation from exploded bombs.

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RADIOACTIVE ORE DISCOVERIES...new workings...worldwide...

UNITED STATES...California- A discovery of uranium-bearing ore in Inyo county, somewhere in the vicinity of Death Valley, has been disclosed by Roscoe Wright and L. S. Barnes, of Independence. The ore was said to be a melilite, an iron bearing form of gehlenite, and is the first so far discovered in the West in any quantity.

Colorado- With the purchase by R. O. Dulaney, Texas oil man, of a large interest in the Sitton-owned uranium claims in southwestern Colorado, the development is seen of the more than 2000 acres embraced by these claims in western San Miguel county.

CANADA...A new radioactive ore discovery, tentatively identified as carnotite, has been made near Crerar station, on the C.N. Railway line between North Bay and Capreol, Ontario, according to James Plexman, one of the first prospectors in the area. Original find, made by Fred Plexman, occurs in a pegmatite dike, it was stated, with Geiger readings occurring for over 350 feet in the dike. A grab sample was said to have assayed out uranium oxide equivalent of 6.8%. Total number of claims now staked in the area have gone over 300, it was reported.

North and east of Sault Ste. Marie, the uranium ore staking rush is resulting in the greatest number of claim recordings since the original find last Fall by Robert Campbell (of what is now Camray) on the shore of Theano Point. To date, some 3,700 claims, equivalent to 250 square miles, have been staked. Assays now available from a test drilling at Camray, after being averaged out over 30 inches from their actual narrow widths, gave 0.288% uranium oxide at 31 foot depths, and 0.189% at 56 feet. This represents $15.85 and $10.40 across 30 inches each, at the government guaranteed prices.

Claims staked by a Sault hotelkeeper, Aime Breton, at Algoma, on the Sudbury-Sault line of the C.P.R., started a rush into that area. Over a hundred claims were filed in the immediate vicinity. No positive identification of the radioactive minerals has as yet been made.

AUSTRALIA...A uranium ore field in the Hartz range, approximately 200 miles northeast of Alice Springs, in Central Australia, has been verified by geologists and geophysicists of the Bureau of Mineral Resources. At Lone Pine, which had been worked for mica, highly radioactive minerals had been found in heavy black stone which the mica miners were in the habit of discarding.

NORWAY...It is reported here by a reliable source that this country would be interested in exchanging heavy water for Swedish uranium. Although Norwegian uranium deposits contain 800 grams of uranium per ton of ore, and the Swedish only 200 grams per ton, the Norwegian authorities are said to feel it best for both countries if Sweden undertakes the extraction of uranium.

GREAT BRITAIN...To promote exploration throughout the Colonial territories for uranium ores, a guidebook, "Prospector's Handbook to Radioactive Mineral Deposits", has now been issued. It may be secured from the Geological Survey of Great Britain, 4-12, Regent St., London; price, 20¢ U.S., or 7d., U.K.

SOUTH AFRICA...According to a recent announcement from Washington, the United States and Great Britain have discussed with the Union of S.A. the problems involved in producing uranium occurring in the gold ores here. It is expected that representatives of those countries will visit the Union looking to the eventual production of uranium from her gold-bearing ores.

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NUCLEAR INSTRUMENTS AND ACCESSORIES...

...Need outlined- Radiation counting devices with much greater sensitivity and directivity are a prime need of medical researchers working with radioactive tracers, W. G. Meyers told the American Chemical Society in Columbus recently. Meyers said more sensitive counters would permit smaller tracer doses to be used; that limited directivity of present shielded counters used to locate cancerous growths (which have absorbed radioisotopes) does not fix their position exactly, necessitating exploratory surgery.

...New products--Radiation hazard warning symbol (ceramic) on decalcomania transfer. To be applied, by firing at 1130°F., to laboratory glassware and porcelainware.--Central Scientific Co., Chicago, Ill.

--Miniature table-top laboratory for handling radioactive or other hazardous materials, with micro-chemical techniques. Comprises closed box in which operator performs manipulations, using synthetic rubber gloves fitted into circular openings, and viewing work through large window.--Scientific Service, Inc., Berkeley 3, Calif.

--Portable Geiger counter, Model RD-1; weight under three pounds. Uses one flash-light battery, one "B" battery; earphones for detecting radiation. Claims ruggedness, weatherized.--Nucleonic Corp. of America, Brooklyn 31, New York.

--Geiger counter, uses flashlight batteries only; earphones. Claims light weight, economical operation.--Nuclear Instrument and Chemical Corporation, Chicago 10, Ill.

--Radiation monitor, type 1021. Beta probe supplied is also sensitive to gamma rays; separate alpha probe available if desired. Uses meter and loudspeaker to show radiation intensity.--Airmec Laboratories, Ltd., High Wycombe, Bucks. (England)

BIDS ASKED, CONTRACTS AWARDED, & LOW BIDDERS...for atomic projects ...

U. S. Atomic Energy Commission, Contract Br., Los Alamos, N.M.:-
BIDS INVITED...Central site facilities, TA-3, Los Alamos, including roads, clearing, grading, water and gas lines, etc. Plans, deposit $25.00. Inv. 291-49-158, bids June 24th.

...Reinforced concrete bldgs., numbers 1, 2, and 3, including site grading, roads, outside utility lines. Approx. $300,000.00 each. Plans, deposit $50.00. Inv. 291-49-157, bids June 25th.

....Constructing Mountain Grade School, North Community Area. Inv. 291-49-146, bids June 27th.

CONTRACT AWARDED...Constructing 18 reinforced concrete bldgs., appurtenances, to R. E. McKee, El Paso, Texas. $617,000.00

U. S. Atomic Energy Commission, P. O. Box 365, Oak Ridge, Tenn.:-
BID CANCELLED...Gas distribution system, existing permanent area. Cancelled bids to have been opened June 23rd. Inv. 401-49-13A.

U.S. Engineers, P.O. Box 1538, Albuquerque, N.M.:-
BID INVITED...Residences, Sandia Base, EOP-941, Serial No. Eng. 29-005-103, bids June 24th.

Sincerely,

The Staff,
ATOMIC ENERGY NEWSLETTER

NW: 13002 DocId: 59171308 Page 40

ATOMIC ENERGY newsletter®

FIVE HUNDRED NINE FIFTH AVENUE NEW YORK 17, N.Y.

A SERVICE FOR INDUSTRY COMMERCE BUSINESS AND RESEARCH

INFORMATION FOR THE PRESS

PHONE - VAnderbilt 6-0890

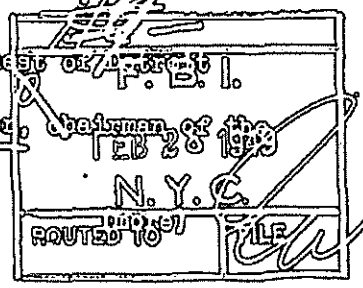
FOR RELEASE IN MORNING NEWSPAPERS

MONDAY, FEB. 14, 1949

New York, N.Y., Feb. 14, 1949. The first atomic energy business paper devoted exclusively to the business side of the atom was announced here today. Known as ATOMIC ENERGY NEWSLETTER, this new, non-technical, bi-weekly publication carries no ads, but devotes all its space to reports of new products, new materials and new equipment in the atomic field, both in the United States and world wide.

Featured by ATOMIC ENERGY NEWSLETTER are such items as uranium ore discoveries in the United States, Canada and Alaska; new atomic patents; legal and legislative decisions in the atomic field; changes and new policies of the United States Atomic Energy Commission; construction and bid requests for atomic installations and new atomic tracer methods in industries as plastics, chemical engineering, synthetic rubber, metallurgy, pharmaceutical and photography.

The NEWSLETTER is the result of the request of Edison Company President and general manager James W. Parker, chairman of the



Serial 13002 Dcid: 59171308 Page 33

United States AEC Industrial Advisory Group, for greater atomic information for industry. In the Advisory Group's report of December 15, 1948, it asked for help to enable industry to identify the opportunities that atomic energy holds for it. ATOMIC ENERGY NEWSLETTER was specifically designed for that role. The Group also asked for "much additional technical and semi-technical knowledge about the whole field of atomic energy".

Now, just two months later, ATOMIC ENERGY NEWSLETTER is furnishing American industry this information and showing it how to find the opportunities in the atomic energy field.

The NEWSLETTER, prepared by a highly trained technical staff under Robert M. Sherman, leader in numerous atomic activities, will not broach any atomic secrets. It was stated by Mr. Sherman that the non-secret data the NEWSLETTER supplies for industry and business are vital if the United States is to keep the world leadership in the atomic program that it now has.

It was emphasized that the NEWSLETTER will stress new atomic discoveries and applications with practical suggestions showing how these atomic facts may be used.

Because the NEWSLETTER is bi-weekly, it is believed that it is the only existing news source that will enable the non-technical reader to have a complete day-by-day account of the vast world-wide atomic energy program which in the United States alone has reached the $3,600,000,000.00 mark.

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NW: 13002 DocId: 59171308 Page 34

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI DATE: June 3, 1949

FROM : SAC, New York

SUBJECT: ROBERT M. SHERMAN
ATOMIC ENERGY NEWSLETTER
509 Fifth Avenue
New York City

Attached hereto for the Bureau and the Detroit Office is a two-page document relating to the captioned matter, FOIA(b)(7) - (D) of this office.

From information available in this office, the Bureau is not fully aware of the identity or background of the ROBERT M. SHERMAN in question. According to the attached document, the "Newsletter is the result of the request of the Detroit Edison Company President and general manager James W. Parker, Chairman of the United States AEC Industrial Advisory Group, for Greater Atomic Information for Industry."

It is suggested that the Bureau may consider it advisable to have Mr. PARKER interviewed in order to obtain information regarding SHERMAN'S background and present activities.

In connection with this matter, the Bureau's attention is directed to a telephone call from Mr. N. P. Callahan of the Bureau to ASAC William M. Whelan in New York on March 10, 1949, requesting a check of the indices of this office on SHERMAN and the Atomic Energy Newsletter. On that occasion Mr. Callahan mentioned that the Bureau had a reference to a ROBERT MORRIS SHERMAN in a Detroit report (not further identified) which did not appear to be identical. It is conceivable, however, that the SHERMAN in the Detroit report may be identical with the SHERMAN of the Atomic Energy Newsletter, inasmuch as the attached document mentions that the publication was the result of a request of JAMES W. PARKER of Detroit.

The Detroit Office will hold any interview with Mr. PARKER in abeyance pending instructions from the Bureau.

Enc. ENCLOSURE ATTACHED

RECORDED - 75 117-532-8

INDEXED - 75 JUL 1 1949

TJMcS:RAA
117-92

cc 2 Detroit (Enc.)

Checking for ... on Parker. 6-28-49
James W. Parker ... 12-31-47.
6-29-49

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 11/28/06 BY 60309/AUC/TAM/KR/MH

SAC, New York July 14, 1949

Director, FBI

ROBERT M. SHERMAN
ATOMIC ENERGY NEWSLETTER
509 Fifth Avenue
New York City

RECORDED

Re New York letter dated June 3, 1949.

117-532-9

The Atomic Energy Commission at Washington has been contacted regarding this Newsletter. The Commission has now advised that this Newsletter has been reviewed closely and has not as yet contained any restricted information. It is furnished to industrial firms which might be interested in new contracts and processes of the Atomic Energy Commission.

James Wentworth Parker of the Detroit Edison Company was investigated as an Atomic Energy Act - Applicant in 1947. Detroit file 116-2380. (116-15002)

In view of the fact that the Atomic Energy Commission has no security interest in this Newsletter, no interview should be conducted with Parker regarding Robert Sherman. In the event further review by AEC indicates a disclosure of restricted data, inquiry should be made at that time.

Mr. Tolson
Mr. Clegg
Mr. Glavin
Mr. Ladd
Mr. Nichols
Mr. Rosen
Mr. Tracy
Mr. Egan
Mr. Gurnea
Mr. Harbo
Mr. Mohr
Mr. Pennington
Quinn Tamm
Room
Nease
Gandy

cc - SAC, Detroit

CUB:amm

COMMUNICATIONS SECTION
MAILED 16
JUL 14 1949 P.M.
FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE

AUG 3 1949

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 11/28/06 BY 60324 UC /TAM/KR/LMT

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI

DATE: August 30, 1949

FROM : SAC, New York

SUBJECT: ATOMIC ENERGY NEWSLETTER

Rebulet June 14, 1949, requesting that copies of the Atomic Energy Newsletter should be forwarded to the Bureau via routing slip.

Rebulet July 14, 1949, reflecting that the Atomic Energy Commission has now advised that this Newsletter has been reviewed closely and has not as yet contained any restricted information.

Attached hereto is the August 16, 1949 issue of the Atomic Energy Newsletter.

It is requested that the Bureau advise this office as to whether the Bureau desires to continue to receive issues of the Atomic Energy Newsletter.

Enclosure - 1

LWS:SLM
117-92

ENCLOSURE ATTACHED

RECORDED - 85
117-532-10
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EX-113

EX-113

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 11/28/06 BY 60309 [illegible]

167-532-10

ATOMIC ENERGY newsletter®

FIVE HUNDRED NINE FIFTH AVENUE NEW YORK 17, N.Y.

A SERVICE FOR INDUSTRY • BUSINESS • ENGINEERING AND RESEARCH

August 16th, 1949.
Vol. 1...No. 13

Dear Sir:

Approximately $18 million will be spent during the balance of the calendar year at projects now under way and contemplated at Richland, Washington, site of the Hanford plutonium production facility, official sources stated last week. However, Hanford's construction worker lay-offs, which began the middle of 1948, probably will continue until the end of this year. About 5,000 construction workers were being used at Hanford last month.

Protection to 1,530 acres around the outskirts of Richland, when Columbia waters are backed up by the McNary Dam, will be given by dikes to be constructed by Parker-Schram, Portland, Oregon, contractor. The Portland firm bid was $417,802.65, about $60,000.00 less than the next lowest bid, and somewhat below the Corps of Engineers estimate of $425,743.19.

LOS ALAMOS, New Mexico- Contract of the Zia Company, which maintains and operates Atomic Energy Commission facilities here, has been extended until June 30, 1950. The new contract, however, limits Zia's activities, and reduces company's monthly management fee from $17,000.00, to $12,859.00. Approximately 2,200 people are now on Zia's payroll; this compares with 3,850 when employment was at its peak, and company operations more extensive. For the past fiscal year, Zia's commitments have totaled about $10 million.

Six "Lustron" porcelain enameled steel homes, in two- and three-bedroom sizes, will be set up here and occupied by representative groups to test their reactions toward them. Lower maintenance costs of these homes were primary reason for bringing them here; built-in utilities, another advantage.

OAK RIDGE, Tennessee- While employment here is down, compared to January, 1948, it is better than it was 6-months ago. A recent Department of Commerce survey, which revealed this trend, also showed that unemployment in nearby Knoxville had become "critical". The survey predicted that construction of the new $90 million uranium-235 plant (K-29) at Oak Ridge would have a very favorable effect both on the employment situation in Oak Ridge, and in Knoxville.

Thirty-two research workers in agriculture, biology, chemistry, and medicine are enrolled in the tenth radioisotope training course of the Oak Ridge Institute of Nuclear Studies, which began here recently. Several of the participants are planning to use these radioactive materials in problems of unusual interest. Dr. Willis A. Gortner, of the Pineapple Research Institute of Hawaii, plans to use radioisotopes in agricultural and biochemical research on pineapple production. Dr. Kaplet Hazim, of the Hospital de Liga Contra el Cancer, in Santurce, Puerto Rico, plans to use the new research tools in studies for the treatment of cancer. Dr. John S. Krebs, of Louisiana State University School of Medicine, will use radioisotopes in tracer studies in liver and blood physiology

NW: 13002 Docld: 3917308 Page 26

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INSTRUMENTS...and products for nuclear work...

Gamma-ray detection tube. Claimed six times more sensitive than standard tubes. Manufacturer states that, in medical tracing work, isotopes may be measured with tube several inches from the body.--Sylvania Electric Products, Inc., New York, N.Y.

Coincidence analyzer, Model 502, designed to be used with Geiger counters. Incorporates 4 channels, with resolving times separately adjustable to ¼, ½, 1, or 2 microseconds.--Atomic Instrument Co., Boston 14, Mass.

Radiation counter, combining functions of scaling unit, count rate meter, radiation survey meter, and contamination detector. Single unit, weighing less than 24-lbs. Manufacturer states versatility, low price. Nucleonic Corp. of America, Bklyn, N.Y.

ATOMIC PATENT DIGEST...latest grants and applications...

Photoelectric nuclear particle counter tube. Patent application #16987, made to British Patent Office, June 27th, 1949, by Associated Electrical Ind., Ltd.

Process pertaining to thorium. Patent application #17337, made to British Patent Office, June 30th, 1949, by Philips Electrical, Ltd.

Purification of thorium. Patent application #18175, made to British Patent Office, July 8th, 1949, by Mond Nickel Co., Ltd.

Betatron for generating X-rays. Complete specifications accepted by British Patent Office, July 20th, 1949. Pat. 626, 183, to Vickers Electrical Co., Ltd.

Method of preparing uranium trioxide, in crystalline form. Comprises heating an amorphous oxide of uranium at a temperature of between 450°-750°C., in the presence of between 20-150 atmospheric pressures of oxygen. U.S. Pat. 2,477,924, issued Aug. 2nd, 1949. Assigned to U. S. Atomic Energy Commission.

Combined X-ray and fluoroscopic apparatus. Comprises a source of X-radiation, a Geiger-Muller tube to detect the elements of an image created by directing said X-radiation through an invisible object, a scanning device, and, by means of associated electronic amplifying circuits, visualizing the amplified output. U.S. Pat. 2,477,307, issued July 26, 1949, to Leo Mackta, Brooklyn, N.Y.

RADIOISOTOPE NOTES...

An example of the value of radioactive tracer techniques in the surgical management of thyroid abnormalities, was the recent use of radioactive iodine (iodine-131) in the pre-operative evaluation of a suspected lingual thyroid at the Medical College of Virginia. A tracer dose of 10 microcuries of radioiodine-131 (in sodium bisulfite solution) was given orally. With a shielded Geiger tube, the radioactive iodine was found to be localized (7 hours after its oral administration) in a mass at the base of the tongue and in the zone in which the thyroid is normally located. It was concluded that the mass at the base of the tongue was functioning thyroid tissue, and that the patient had little, if any, thyroid tissue in the normal section. After surgical removal of the mass, radioautographs and microscopic sections confirmed the diagnosis made with the radioiodine.

Studies have been made at the Department of Radiology, Harper Hospital, Detroit, Michigan, of the distribution of organisms containing radioiodine-131 in the animal body. The solutions administered consisted of spores or bacteria which had been grown in the presence of radioactive substances. It was found that the relative rates of destruction of non-pathogens are indicated by the decrease in radioactivity of the reticuloendothelial system, and increase in radioactivity of the thyroid, when iodine-131 was used as the tracer. The relative indestructibility of the pathogens as compared to the non-pathogens is illustrated by the retention of the radioactive tracers in the lesions of tuberculosis and blastomycosis.

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RADIATION...effects and countermeasures...

To determine whether working in an area where there is possible exposure to radioactive chemicals would increase the prevalence of cancer among workers there, a study was recently made at Oak Ridge, Tennessee. It was found that the age-standardized incidence rate of cancer among the Oak Ridge employees, and their resident dependents, was 123 cases annually per 100,000. This is lower than the accepted national rate of 230 per 100,000 annually. It was also found that the proportion of employees who have possibly been exposed to occupational radiation levels, and who have developed cancer, is about equal to their proportion in the entire population. This indicates that there is no reason to believe that they are more susceptible to cancer. However, among white males, a significantly higher proportion of cancer of the respiratory system was found than might be expected from the 1938 national averages. A tentative explanation on the basis of a long established upward trend in such cancers inclines to the smoking theory. (It is widely believed that the increased incidence of cancer of the respiratory system is due chiefly to greater frequency of smoking.)

Polonium, used industrially in brushes, presents a serious health hazard, according to Dr. Fred A. Bryan, in a report issued at the University of California. He warned against the material which is used in brushes, where, through its ionizing ability it provides a "ground", leading off static electricity, and facilitating dust removal from such objects as phonograph records, and photographic film. Investigators found that, in use, microscopic specks of the radioactive material were released, and might be inhaled or swallowed. Consequences would be similar to radium poisoning. Although the half-life of polonium is only 140 days, the polonium foils used were found to have been derived from and might be contaminated with, radium-D, with a half-life of 22 years. Hence, the exposed individual might store in his bones a producer of polonium, with serious consequences.

RADIOACTIVE ORE DISCOVERIES...new workings...worldwide...

UNITED STATES....Albuquerque, N.M.- A radioactive ore discovery near Monticello, 26 miles northwest of Hot Springs, has been made by W. N. Terry, of Hot Springs. Reportedly, ores include uraninite; said to have assayed 2.86% uranium oxide.

Santa Fe, N.M.- According to Peter Litt, president, New Southwest Chemical Company, his firm controls newly discovered monazite deposits near Pecos. Litt said the deposits, found last year by a Santa Fe prospector, were assayed by Lindsay Light and Chemical of Chicago who reported 10.6% thorium oxide content, and 57.5% other rare earth oxides. (From Dillon, Colo., has come a report that a thorium find has been made at the Arapahoe Basin ski resort by a Dillon man.)

Salt Lake City, Utah- Green River Exploration Company of Salt Lake City, who hold 200 uranium and vanadium claims in Grand and Piute counties, are considering construction of a mill to handle the ores in either Moab or Marysville, Utah.

Canada...At the uranium area on and near the shore of Lake Superior, north of Sault Ste. Marie, some 20 companies and syndicates, and numerous private parties, are now active. With Camray Mines (original discovery here) and Jalore (Jones and Laughlin subsidiary) preparing to do underground work, there is an inclination on the part of the other property owners here to wait and see the results of these companies before they extend their own operations. Many companies are now in the second phase of exploration. Geological and Geiger counter surveys have been completed, and magnetometers are being used to outline the basic dikes and centralize exploration on them. Other companies working here, besides Jalore and Camray, are Bobcam, Roche, Anna Uranium, Algoma Ore Properties, Rand Rouyn, Wingait, Danaray, and Batchawana.

NW: 13002 DocId: 59171308 Page 28

SPECIAL REPORT...ATOMIC ENERGY DEVELOPMENT IN THE UNITED STATES, JAN.-JUNE, 1949.

Development and production of weapons and fissionable materials continued as the central concern of the national atomic energy program during the first half of 1949. Reactor development, an item of prime military and civilian importance, received increasing attention. Research was devoted, generally, toward advancing the production programs, and toward securing fundamental new knowledge as the basis for future developments.

Operations in the field of military applications have continued to accelerate during the past 6-months. New and more effective atomic bombs, which were tested at Eniwetok in 1948, are in production. Now, components of these bombs are being produced on an industrial basis by competent manufacturing concerns or special government facilities throughout the United States.

Fissionable material (uranium-235 and plutonium) is being produced in greater quantities than ever before. Substantial shipments of raw materials from abroad (primarily from the Belgian Congo and Canada) were received; domestic uranium mining concerns are beginning to supply ore to newly activated processing plants. Better ways are being developed to process low-grade ores, and continuous efforts are being made to locate new sources of radioactive ores. The chain of chemical and metallurgical plants which converts raw uranium into feed materials for the uranium-235 and the plutonium plants at Oak Ridge and Hanford is on a sound operating basis. Unit production costs have been reduced by nearly 30% since 1947, and intermediate stock piles of materials have been built up to adequate levels.

PHYSICAL RESEARCH- At the National laboratories wholly supported by Atomic Energy Commission funds, at numerous university laboratories working under AEC grants, and at other laboratories working on AEC projects, answers were sought to such problems as:

1.-How can uranium be extracted cheaply from low-grade ores?
2.-What construction materials will stand up under the high temperatures and intense radiations generated by reactors that will produce useful power?
3.-Can lightweight shields be developed which will safely contain the dangerous radiations from a reactor? Can they be produced cheaply?
4.-How can the various materials generated in uranium or plutonium or thorium during exposure in a nuclear reactor be sorted out from one another?
5.-How can radioactive waste products be concentrated and stored, or safely disposed of?
6.-Can reactors be built to produce fissionable material faster than they consume it? How can this be done?
7.-How can present methods of separating isotopes of uranium and other elements be improved?

Results from research in such problems (and the many other undertaken) form the basis for advances in the U.S.'s atomic energy program. While this work requires proper facilities (which were enlarged and expanded during this period) it is the scientists, at work in the facilities, upon whom the program depends. At the National laboratories, the number of technical and scientific personnel has increased, and the morale situation has recovered from a very low point. Now, there are about 6,500 scientists and technicians engaged in the program. (This compares with the Manhattan District staff of 7,100 employed during WW II on the atomic energy project.)

BIOLOGY AND MEDICINE- A vast program is underway in biology, medicine, and health physics (the technique of protecting people and animals against radiation) at the National and university laboratories. Research using radioactive materials as "tracers" to study what goes on chemically in human cells and blood--and radioisotopes to diagnose and treat diseases--has already benefited mankind. As more becomes known of these substances, man is promised better health, a more abundant food supply, and greater control over his environment.

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SPECIAL REPORT... (Cont'd)

Research is being conducted in the chemistry of living things, the effects of radiation on living cells and tissues, organs of the body, and the body as a whole. Analyses are being made of bomb effects at Hiroshima and Nagasaki, and biological surveys are being conducted at Bikini and Alamogordo 2 and 3 years after atomic bomb tests there. Methods are being developed for protecting people from the effects of radiation, and for rendering harmless the radioactive wastes from atomic energy plants.

REACTOR DEVELOPMENT- The reactor development program, now centered at Argonne National Laboratory, Chicago, involves research in nuclear physics, health physics, chemistry, biochemistry, radiobiology, and metallurgy. A major part of the work consists of applied research and developmental engineering problems dealing with new materials for structural purposes, shielding, and heat transfer equipment. To assure experimental testing and operation of new reactors without hazard to any large nearby community, a location near Arco, Idaho, has been selected as a basis for a new testing station.

FINANCE- Records kept in the atomic energy program, before the Atomic Energy Commission took over showed no over-all account of construction costs; property records covered uninstalled items of equipment, and did not include cost information. In an effort to remedy this, a departure from the usual Governmental accounting system has been instituted. Since Government accounts do not make a distinction between operating expenses and investment in capital assets, industry accounting and auditing procedures are being used to get a clear financial picture of the atomic energy enterprise in which over $3½ billion have already been expended. Now, records are being set up to show the original cost of physical facilities in service June 30th, 1949, and indicate what part of that cost was for operations prior to that date.

CIVIL DEFENSE- To cope with atomic bomb explosions among the civil populace, research in ionizing radiation injuries, shielding and shelters, medical care, and radiological safety, is being sponsored by the AEC in hospitals, colleges, and universities. One of the functions of the present AEC training program is to provide the scientists, teachers, and technicians who will help the civil population protect itself against atomic bomb attacks.

LABOR-MANAGEMENT RELATIONS- A three man Atomic Energy Labor Relations Panel was appointed by President Truman in April, 1949, to handle labor disputes at the atomic energy enterprises. Pledges were obtained from contractors and recognized unions that they will maintain production and conditions and terms of employment during the period of this Panel's intervention in any disputes that arise.

PATENT COMPENSATION BOARD- In April, 1949, a Patent Compensation Board was set up by the AEC to consider claims for compensation, awards, or royalties concerning patents falling under the Atomic Energy Act of 1946. First session was May, 1949. Five applications are now pending before the Board.

SECURITY- Approximately 950 AEC people worked full time to insure security. Their activities ranged from guarding vital shipments of materials from one part of the U. S. to another, to evaluating investigation reports on candidates for jobs. About 9% of contractors' personnel also worked full time checking people, materials, components, shipments, documents, factories, warehouses, laboratories, etc., in some 1,300 different locations in the U. S. alone. A permanent Personnel Security Review Board considers individual security cases referred to it.

Sincerely,

The Staff,
ATOMIC ENERGY NEWSLETTER

NW: 13002 DocId: 59171308 Page 30

August 16th, 1949.

SAC, New York September 15, 1949

Director, FBI

ATOMIC ENERGY NEWSLETTER

Reference is made to your letter dated August 30, 1949, requesting advice as to whether the Bureau desires to continue to receive issues of the Atomic Energy Newsletter.

The Atomic Energy Commission subscribes to the Atomic Energy Newsletter and carefully reviews each issue to determine whether or not there is any unlawful disclosure of restricted data.

Since the Atomic Energy Newsletter is reviewed by the Atomic Energy Commission and to date there is no indication that the publication is disclosing restricted information, the forwarding of the Newsletter may be discontinued by your office.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 11/28/02 BY 60309 UC

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EX-119

COMMUNICATIONS SECTION
MAILED 13
SEP 15 1949 P.M.
FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE

KWD:de/dhb

Mr. Tolson
Mr. Clegg
Mr. Glavin
Mr. Ladd
Mr. Nichols
Mr. Rosen
Mr. Tracy
Mr. Egan
Mr. Gurnea
Mr. Harbo
Mr. Mohr
Mr. Pennington
Mr. Quinn Tamm
Tele. Room
Mr. Nease
Miss Gandy

52 SEP 21 1949

NW: 13002 DocId: 59171308 Page 24

NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI DATE: December 27, 1949

FROM : SAC, Albuquerque

SUBJECT: J. H. WEST
A-E-N Company
ATOMIC ENERGY ACT

New York, N.Y.

Mr. SIDNEY NEWBURGER, JR., Chief, Security Operations, AEC Security Division, Los Alamos, New Mexico, advised that under date of December 9, 1949, J. H. WEST, Government Bid Division, A-E-N Company, 509 Fifth Avenue, New York 17, New York, Suite 1002, addressed a letter to the Director of Engineering and Construction, Atomic Energy Commission, Los Alamos, New Mexico, which reads as follows:

"Will you please be good enough to send us details of bid invitation number 21, dated October 13th, for underground chamber #3, TA-33, for Los Alamos. While we realize that this bid has already been accepted, we wish to verify a note in Engineering-News Record concerning the bid of J. ADAMS, who we understand was the low bidder.

"Thank you for this courtesy."

NEWBURGER pointed out that this seemed to be an unusual request, and that the letter was written on a piece of plain bond paper with no printed letterhead. He had requested AEC, Washington, for information concerning this company, and they had advised that the A-E-N Company was not listed in the New York City and Telephone Directories or in technical directories available to the Commission. NEWBURGER stated that he was therefore referring the matter to the Bureau as it appeared that the A-E-N Company might not be a legitimate business concern.

The New York Office is requested to conduct an inquiry concerning the A-E-N Company to determine whether it is a legitimate business, and whether it has any subversive connections. Will consider the advisability of interviewing J. H. WEST concerning the request made in his letter of December 9, 1949.

JJM:CAB
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cc's: 2 - New York

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SPECIAL INQUIRY SECTION
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RECORDS

SAC, Albuquerque   January 17, 1950

Director, FBI

J. H. WEST
A-E-N Company
ATOMIC ENERGY ACT

Reurlet December 27, 1949, concerning a request by the above individual for information concerning a bid invitation for construction work at Los Alamos.

Bureau files reflect that the address: 509 Fifth Avenue, New York City, is the address of the publication "Atomic Energy Newsletter," a biweekly published by the Atomic Energy News, Inc. This publication is described as a non-technical atomic energy publication of the world-wide atomic energy picture.

The Atomic Energy Commission has advised that the "Atomic Energy Newsletter" has been reviewed closely and has not yet contained any restricted information. It is furnished to industrial firms which might be interested in new contracts and processes of the Atomic Energy Commission.

The New York Office is requested to verify the fact that the request for bid information originated with the "Atomic Energy Newsletter."

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CC: New York City

BUFILE 117-532 - 11

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Director, FBI

January 11, 1950

SAC, New York

J. H. WEST
A-E-N COMPANY
ATOMIC ENERGY ACT

Re Albuquerque letter, 12/27/49.

The Atomic Energy News, Inc. and the "Atomic Energy Newsletter", are known to have offices at 509 Fifth Avenue, Suite 1002, New York 17, New York, telephone Vanderbilt 6-0890. According to the Manhattan Telephone Directory, ROBERT A. WEST has the telephone listing of Vanderbilt 6-0890. There is no telephone listing at this address for J. H. WEST.

For the information of the Albuquerque Office, the "Atomic Energy Newsletter", 509 Fifth Avenue, New York, N. Y. issued a release for the information of the press on February 14, 1949, and a portion of this release is as follows:

"The first atomic energy business paper devoted exclusively to the business side of the atom was announced here today. Known as ATOMIC ENERGY NEWSLETTER, this new, non-technical, bi-weekly publication carries no ads, but devotes all its space to reports of new products, new materials and new equipment in the atomic field, both in the United States and world wide.

"Featured by ATOMIC ENERGY NEWSLETTER are such items as uranium ore discoveries in the United States, Canada and Alaska; new atomic patents; legal and legislative decisions in the atomic field; changes and new policies of the United States Atomic Energy Commission; construction and bid requests for atomic installations and new atomic tracer methods in industries as plastics, chemical engineering, synthetic rubber, metallurgy, pharmaceutical and photography.

"The NEWSLETTER is the result of the request of Detroit Edison Company President and general manager JAMES W. PARKER, chairman of the United States AEC Industrial Advisory Group, for greater atomic information for industry. In the Advisory Group's report of December 15, 1948, it asked for help to enable industry to identify the opportunities that atomic energy holds for it. ATOMIC ENERGY NEWSLETTER was specifically designed for that role. The Group also asked for 'much additional technical and semi-technical knowledge about the whole field of atomic energy'.

cc: Albuquerque

LWS:EBS
117-117

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DATE 11/22/06 BY 60309/uc/tdm/kk/maf

"The NEWSLETTER, prepared by a highly trained technical staff under ROBERT M. SHERMAN, leader in numerous atomic activities, will not broach any atomic secrets. It was stated by Mr. SHERMAN that the non-secret data the NEWSLETTER supplies for industry and business are vital if the United States is to keep the world leadership in the atomic program that it now has.

"It was emphasized that the NEWSLETTER will stress new atomic discoveries and applications with practical suggestions showing how these atomic facts may be used."

This office has subscribed to the "Atomic Energy Newsletter" since April 12, 1949 and, until recently, this publication was forwarded to the Bureau to determine whether any information contained in this publication had restricted data.

Bureau letter dated July 14, 1949, revealed that the Atomic Energy Commission at Washington, D. C. had been contacted regarding the "Atomic Energy Newsletter", and they advised that this Newsletter had been reviewed closely and had not contained any restricted information. The Commission advised that the Newsletter was furnished to industrial firms which might be interested in new contracts and processes of the Atomic Energy Commission. It was pointed out that the Atomic Energy Commission had no security interest in this Newsletter and that JAMES WENTWORTH PARKER should not be contacted regarding ROBERT SHERMAN.

Bureau letter dated September 15, 1949, revealed that the "Atomic Energy Newsletter" is reviewed by the Atomic Energy Commission and inasmuch as there was no indication that the publication disclosed restricted information, the forwarding of the Newsletter to the Bureau was discontinued by this Office.

In view of the above, J. H. WEST will not be interviewed without Bureau authority, and no further action will be taken by this office. RUC.

NW: 13002 DocId: 59171308 Page 21

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI

DATE: January 11, 1950

FROM : SAC, New York

SUBJECT: J. H. WEST
A-E-N COMPANY
ATOMIC ENERGY ACT

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cc: Albuquerque

LWS:EBS
117-11

117-532-12

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57 JAN 19 1950

JAN 12 1950

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NW: 13002 DocId: 59171308 Page 19

FEDERAL BUREAU OF INVESTIGATION

Form No. 1
THIS CASE ORIGINATED AT ALBUQUERQUE — NY FILE NO. 117-117 [illegible]

REPORT MADE AT	DATE WHEN MADE	PERIOD FOR WHICH MADE	REPORT MADE BY
NEW YORK	2/24/50	2/3,6/50	LAWRENCE W. SPILLANE

TITLE	CHARACTER OF CASE
J. H. WEST A-E-N COMPANY "ATOMIC ENERGY NEWSLETTER"	ATOMIC ENERGY ACT

SYNOPSIS OF FACTS:

ROBERT M. SHERMAN, Editor of "Atomic Energy Newsletter", 509 Fifth Ave., NYC, verified the fact that he sent a letter over the signature of J. H. WEST to AEC, Los Alamos, N.M., requesting bid information for an Underground Chamber #3, T.A. 33. He stated information on this bid was obtained by him from another publication and he generally uses A-E-N COMPANY instead of "Atomic Energy Newsletter" as a return address inasmuch as he receives more results from his inquiries when using the abbreviated form. He stated he has no knowledge of purpose of the underground chamber mentioned in instant letter.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 4/22/06 BY 60324 [illegible]

— RUC —

REFERENCE: Bureau File 117-532.
Bureau letter to Albuquerque, 1/17/50.
Albuquerque letter to Bureau, 12/27/49.

DETAILS: Mr. SIDNEY NEWBURGER, JR., Chief, Security Operations, AEC Security Division, Los Alamos, New Mexico, advised that under date of December 9, 1949, J. H. WEST, Government Bid Division, A-E-N COMPANY, 509 Fifth Avenue, New York 17, New York, Suite 1002, addressed a letter to the Director

APPROVED AND FORWARDED: SPECIAL AGENT IN CHARGE

DO NOT WRITE IN THESE SPACES

117-532-13

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94

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2-New York

U. S. GOVERNMENT PRINTING OFFICE 7-2034

of Engineering and Construction, Atomic Energy Commission, Los Alamos, New Mexico, which reads as follows:

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NEWBURGER pointed out that this seemed to be an unusual request, and that the letter was written on a piece of plain bond paper with no printed letterhead. He had requested AEC, Washington, for information concerning this company, and they had advised that the A-E-N COMPANY was not listed in the New York City Telephone Directories or in technical directories available to the Commission. NEWBURGER stated that he was therefore referring the matter to the Bureau as it appeared that the A-E-N COMPANY might not be a legitimate business concern.

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"The first atomic energy business paper devoted exclusively to the business side of the atom was announced here today. Known as ATOMIC ENERGY NEWSLETTER, this new, non-technical, bi-weekly publication carries no ads, but devotes all its space to reports of new products, new materials and new equipment in the atomic field, both in the United States and world wide.

"Featured by ATOMIC ENERGY NEWSLETTER are such items as uranium ore discoveries in the United States, Canada and Alaska; new atomic patents; legal and legislative decisions in the atomic field; changes and new policies of the UnitedStates Atomic Energy Commission; construction and bid requests for atomic installations and new atomic tracer methods in industries as plastics, chemical engineering, synthetic rubber, metallurgy, pharmaceutical and photography.

NW: 13002 DocId: 59171308 Page 15

"The NEWSLETTER is the result of the request of Detroit Edison Company President and general manager JAMES W. PARKER, chairman of the United States AEC Industrial Advisory Group, for greater atomic information for industry. In the Advisory Group's report of December 15, 1948, it asked for help to enable industry to identify the opportunities that atomic energy holds for it. ATOMIC ENERGY NEWSLETTER was specifically designed for that role. The Group also asked for 'much additional technical and semi-technical knowledge about the whole field of atomic energy'.

"The NEWSLETTER, prepared by a highly trained technical staff under ROBERT M. SHERMAN, leader in numerous atomic activities, will not broach any atomic secrets. It was stated by Mr. SHERMAN that the non-secret data the NEWSLETTER supplies for industry and business are vital if the United States is to keep the world leadership in the atomic program that it now has.

"It was emphasized that the NEWSLETTER will stress new atomic discoveries and applications with practical suggestions showing how these atomic facts may be used."

The Atomic Energy Commission at Washington, D. C. advised that the "Atomic Energy Newsletter" had been reviewed closely but that the contents of the "Newsletter" did not contain any restricted information. They advised that the "Atomic Energy Newsletter" was furnished to industrial firms which might be interested in new contracts and processes of the AEC.

On February 6, 1950 ROBERT M. SHERMAN, Editor of the "Atomic Energy Newsletter", 509 Fifth Avenue, New York City, stated that this address is used only as a mailing address and for the most part the majority of the work performed on this "Newsletter" is done at his home, 188 Sixth Avenue, New York City. He stated that ninety per cent of the research work done on this magazine is performed by him and that he frequently sets out construction notes in the "Newsletter".

In regard to the instant letter which had the return address of the A-E-N COMPANY, 509 Fifth Avenue, New York City, Mr. SHERMAN advised that he sent this letter to the Atomic Energy Commission at Los Alamos over the signature of J. H. WEST. He stated he does free-lance science writing and he sends most of his letters out with the return

NW: 13002 DocId: 59171308 Page 16

address of A-E-N COMPANY. He stated he felt that writing the initials "A-E-N" instead of "Atomic Energy Newsletter" obtained more results when he referred to medical or scientific writing in his letters. He stated it was very difficult to obtain information particularly in regard to atomic energy and for that reason he used the abbreviated form.

In regard to his request for information on Underground Chamber #3, TA-33, he stated he received a letter from Mr. COLE of the Atomic Energy Commission at Los Alamos who advised him that it would be highly irregular to furnish information of this type to him.

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- REFERRED UPON COMPLETION TO THE OFFICE OF ORIGIN -

NW: 13002 DocId: 59171308 Page 17

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI

DATE: March 10, 1950

FROM : SAC, Albuquerque

AIR MAIL SPECIAL DELIVERY

SUBJECT: J. H. WEST
A-E-N COMPANY
"ATOMIC ENERGY NEWS LETTER"
ATOMIC ENERGY ACT
Bureau File Number 117-532

Rerep of Special Agent LAWRENCE W. SPILLANE, New York, dated February 24, 1950.

The information in referenced report was furnished orally to Mr. SIDNEY NEWSBURGER, JR., Chief, Security Operations Branch, AEC, Los Alamos, New Mexico. As it appears that the AEC in Washington, D. C., has been reviewing the contents of the Atomic Energy News Letter without discovering any disclosure of restricted information and as it does not appear that any violation of the Atomic Energy Act or any other Federal statute is involved, this case is being considered closed by the Albuquerque Office, unless further action is requested by the Bureau

117-8
JJM:MRB

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 11/22/06 BY 60309 luc/tam/ksr/tmc

RECORDED - 62

117-532-14

MAR 13 1950

5

NW: 13002 DocId: 59171308 Page 7

FEDERAL BUREAU OF INVESTIGATION

Form No. 1
THIS CASE ORIGINATED AT ALBUQUERQUE NY FILE NO. 117-117 EED

REPORT MADE AT	DATE WHEN MADE	PERIOD FOR WHICH MADE	REPORT MADE BY
NEW YORK	2/24/50	2/3,6/50	LAWRENCE W. SPILLANE

TITLE	CHARACTER OF CASE
J. H. WEST A-E-N COMPANY "ATOMIC ENERGY NEWSLETTER"	ATOMIC ENERGY ACT

SYNOPSIS OF FACTS:

ROBERT M. SHERMAN, Editor of "Atomic Energy Newsletter", 509 Fifth Ave., NYC, verified the fact that he sent a letter over the signature of J. H. WEST to AEC, Los Alamos, N.M., requesting bid information for an Underground Chamber #3, T.A. 33. He stated information on this bid was obtained by him from another publication and he generally uses A-E-N COMPANY instead of "Atomic Energy Newsletter" as a return address inasmuch as he receives more results from his inquiries when using the abbreviated form. He stated he has no knowledge of purpose of the underground chamber mentioned in instant letter.

— RUC

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 11/28/06 BY 60309/uc/tam/kds

REFERENCE: Bureau File 117-532.
Bureau letter to Albuquerque, 1/17/50.
Albuquerque letter to Bureau, 12/27/49.

DETAILS: Mr. SIDNEY NEWBURGER, JR., Chief, Security Operations, AEC Security Division, Los Alamos, New Mexico, advised that under date of December 9, 1949, J. H. WEST, Government Bid Division, A-E-N COMPANY, 509 Fifth Avenue, New York 17, New York, Suite 1002, addressed a letter to the Director

APPROVED AND FORWARDED: Edward Scheidt SPECIAL AGENT IN CHARGE

DO NOT WRITE IN THESE SPACES

117-532-13

RECORDED - 50
INDEXED - 50
EX-103

FEB 27 1950

COPIES OF THIS REPORT
5-Bureau
2-Albuquerque
2-New York

COPY IN FILE

NW 13002 DocId: 59171308 Page 10

U. S. GOVERNMENT PRINTING OFFICE 7—2034

of Engineering and Construction, Atomic Energy Commission, Los Alamos, New Mexico, which reads as follows:

"Will you please be good enough to send us details of bid invitation number 21, dated October 13th, for underground chamber #3, TA-33, for Los Alamos. While we realize that this bid has already been accepted, we wish to verify a note in Engineering-News Record concerning the bid of J. ADAMS, who we understand was the low bidder.

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NW: 13002 DocId: 59171308 Page 11

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NW: 13002 DocId: 59171308 Page 12

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NW: 13002 DocId: 59171308 Page 13

117-532-13

SAC, Albuquerque

March 16, 1950

RECORDED - 76

Director, FBI

EX. - 8

J. H. WEST
A-E-N COMPANY
"ATOMIC ENERGY NEWSLETTER"
ATOMIC ENERGY ACT

Re report of Special Agent Lawrence W. Spillane dated February 24, 1950, at New York City.

Since this investigation fails to reflect a violation of the Atomic Energy Act, this case should be considered closed in your office. Copies of the above report have been furnished to the Atomic Energy Commission in Washington, D. C.

KWD:hmb

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 11/28/06 BY 60309 uc ITam lKR/MML

MAR 16 11 27 AM '50
RECEIVED-TOLSON
F B I
U.S. DEPT OF JUSTICE

U.S. DEPT. OF JUSTICE
F.B.I.
RECEIVED-MAIL ROOM
MAR 16 4 00 PM '50

Tolson
Ladd
Clegg
Glavin
Nichols
Rosen
Tracy
Harbo
Mohr
Tele. Room
Gandy

MAILED 10
MAR 16 1950
COMM - FBI

RECORDED - 76 117-532-13

EX. - 8

Assistant Attorney General, James M. McInerney
Criminal Division

March 16, 1950

Director, FBI

~~CONFIDENTIAL~~

J. H. WEST
A-E-N COMPANY
"ATOMIC ENERGY NEWSLETTER"
ATOMIC ENERGY ACT

There is attached one copy of the report of Special Agent Lawrence W. Spillane dated February 24, 1950, at New York, New York, concerning inquiry for bid information on Underground Chamber #3, T. A. 33.

Since the investigation fails to reflect a violation of the Atomic Energy Act, no further investigation will be conducted unless advice to the contrary is received from you.

Attachment

KWD:hmb

DECLASSIFIED BY 60309 UC TDM KR/ MF
ON 11/28/2016

RECEIVED-TOLSON
MAR 16 11 27 AM '50
FBI
U.S. DEPT OF JUSTICE

U S DEPT OF JUSTICE
FBI
RECEIVED-MAIL ROOM
MAR 16 4 00 PM '50

Tolson
Ladd
Clegg
Glavin
Nichols
Rosen
Tracy
Harbo
Mohr
Tele. Room
Nease
Gandy

MAILED 12
MAR 16 1950
COMM - FBI

128

50 MAR 31 1950

~~CONFIDENTIAL~~
BY SPECIAL MESSENGER

117-532

Date: March 16, 1950

To: Atomic Energy Commission
Washington, D. C.
Attention: Mr. Francis R. Hammack
Acting Director
Division of Security

From: John Edgar Hoover - Director, Federal Bureau of Investigation

Re: J. H. WEST
A-E-N COMPANY
"ATOMIC ENERGY NEWSLETTER"
ATOMIC ENERGY ACT

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Attachment

KWD:hmb

RECORDED - 61

117-532-15

MAR 20 1950

FBI STAT SECT'N

RECEIVED-TOLSON
FBI
MAR 16 11 27 AM '50

U. S. DEPT. OF JUSTICE
FBI
RECEIVED-MAIL ROOM

BY SPL. MSGR.
MAR 17 1950
COMM - FBI

Tolson
Ladd
Clegg
Glavin
Nichols
Rosen
Tracy
Harbo
Mohr
Tele. Room
Nease
Gandy

58 APR 7 1950

DECLASSIFIED BY 60309/UC/TAM/KR/Umf ON 11/28/06

NW 13002 DocId: 59171308 Page 69

..., 1645
Loon, 1738
...nall, 1527
... Kuno, 1647 ... 1639 ___Mr. Whitson, 1647
... Kuno, 1533 ___Mr. Wirt, 1521
___Mr. Kurtz, 1529
___Room________
___Mrs. Dean, 1708
___Mr. McKenna, 1526
___Mrs. Dorset, 1524
___Correct
___Redate
___Please call me
___Please see me

___RECORDS SECTION
___Send File
___Bring file up-to-date
___Place on Record
___Place on Record and return
___Indicate index reference
___Note and return

Closed. See 117-532-13

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 11/27/06 BY 60309/UC TAM/KC/tmk

Dinsly 1732
Espionage Unit

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : DIRECTOR, FBI

DATE: July 28, 1950

FROM : SAC, SAN FRANCISCO

62-2577

SUBJECT: YUGOSLAV CONSULATE GENERAL,
SAN FRANCISCO, CALIFORNIA
INTERNAL SECURITY - YU

On June 1, 1950, [FOIA(b)(7) - (D)] of known reliability provided SA WILLIAM A. COHENDET with an order blank for the publication "Atomic Energy News Letter" which the informant obtained at the San Francisco Yugoslav Consulate. It appears that this document was received by the Consulate from the New York Office of this publication and was discarded by Consulate officials.

This order blank is addressed to Mr. J. HENRY WEST, Circulation Director, "Atomic Energy News Letter", 509 - 5th Avenue, New York 17, New York, and has a space at the bottom for the name and address of the subscriber. The order blank reflects that this publication is published every other Tuesday and contains information relating to industrial, medical and biological applications of radio active isotopes; nuclear products, reports on American industrial participation in the Atomic Energy Program; patents granted for nuclear devices and atomic weapons; budgets, programs and activities at the United States "Atomic Cities" and centers with construction reports for these areas and international relations in Atomic Energy.

The files of this office contain no information concerning J. HENRY WEST or the "Atomic Energy News Letter."

Mr. ROBERT L. DAERR, Chief, Security Branch, Berkeley Area, Atomic Energy Commission, has advised that he is not familiar with this publication.

In view of the possibility that similar order blanks for this publication may have been received by other foreign diplomatic establishments, the New York Office is requested to furnish the Bureau with any information in the files concerning instant publication or J. HENRY WEST.

The order blank provided by [FOIA(b)(7) - (D)] is enclosed for the information of the New York Office.

KGT:DVB
105-625
cc: New York (Encl.)

SE 27 117-532-16

RECORDED - 156
INDEXED - 156

[redacted]

NW: 13002 DocId: 59171308 Page 4

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI

DATE: January 30, 1951

FROM : SAC, New York

062578

SUBJECT: YUGOSLAV CONSULATE GENERAL
SAN FRANCISCO
INTERNAL SECURITY - YU

Re San Francisco letter to the Director dated July 28, 1950.

The "Atomic Energy News Letter" mentioned in referenced letter was the subject of a closed investigation in the NYO in September, 1949, and is the subject of Bureau file 117-532, so entitled.

For the benefit of San Francisco, the Bureau by letter dated 9/15/49, informed this office that the "Atomic Energy News Letter" was the subject of careful review by the Atomic Energy Commission, and each issue was examined by that commission to determine whether or not there is any unlawful disclosure of restricted data. This review has uncovered no such disclosure to date.

In view the above, and in the absence of other leads outstanding for the NYO this investigation, it is being referred upon completion to the office of origin. RUC.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 4/22/06 BY 60309/uc/Tam/KR/mk

cc San Francisco (105-625)
NY 117-92

117-532-17

RECORDED - 45 JAN 31 1951

EX-37

ERH:HJC
105-1597

55 FEB 15 1951