

1187 Agincourt Road,
Ottawa 5, Ontario.

July 13, 1970.

Dr. P.M.H. Edwards,
4297 Gordon Head Road,
Victoria, B.C.

Dear Max:

Thank you for your prompt reply to my query about the copy of my book for your friend in Sweden. The book is on its way, and the invoice is enclosed with this letter.

Thanks also for your kind words about my application. I will query them right away. Again thanks, for thinking of me with regard to SITU. I am already a member, and am pleased to learn that you are also. I joined quite recently, after many months of trying to find their address. It is a fine group without a doubt. As a matter of interest, Ivan Sanderson has invited me to New York to appear on a continent-wide radio show of his, on Radio WOR New York City, which will be devoted to my book. I expect it to be on August 6th, but the date is not yet final. I consider this a distinct honour.

I know what you mean about Keel's TROJAN HORSE. He has certainly done a tremendous job of research, which, of course, has been the major difficulty to date. The "amateurs" such as ourselves have only had very limited time at our disposal as we have been busy making our living at other tasks, and organized science, which could have done thorough research, has fiddled about. John apparently was able to support himself by other means while researching full time for four years, which should prove something.

I was not really surprised by his book however, as I have suspected this for some years (although not in the detail Keel outlines, by any means). You may recall I hinted at this sort of thing in two or three places in my book, but lacking better evidence, I chose not to go beyond hints at that stage. Besides, my book was directed primarily (but not solely) at the Canadian general public, and if I went too far, it would have been laughed off the bookshelf. It is difficult enough to convince many that we have 'otherworldly' visitors as it is, but they will accept physical beings from a physical planet before they will accept ethereal ones from an ethereal planet, be it our own or some other. Besides,

1177 Maincourt Road,
Ottawa, Ontario
K2G 2H8

16 February, 1975

Mr. John B. Lusgrave,
10510 86th Ave.,
Edmonton, Alberta T6E 2M6

Dear John:

Thank you for the copy of the first issue of the Directory and my apologies for being so slow in writing.

For future issues, I will be grateful if you will amend the last line of the entry on myself to indicate that I only investigate very unusual cases (I collect anything I can get my hands on). Due to the pressures of my employment, etc, I cannot go out and investigate every case that is brought to my attention - just impossible.

I see by the newspaper that the Canada Council has made the first grant, to yourself, for a UFO study. Congratulations! I would be very interested in learning details of the research project you are undertaking, how you are going about it, and your progress.

Looking forward to hearing from you.

Sincerely,



Arthur Bray

Ottawa Journal 24-3-75

UFO Canada study ordered

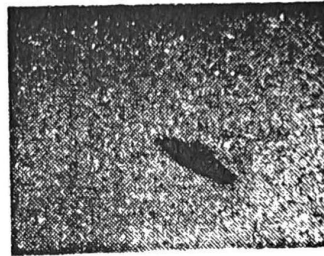
By MAURICE WESTERN
Journal Parliamentary Bureau

As the Canada Council is known to be insatiably curious, few will be surprised to read that \$6,000 have been invested in a study of Canadian reports of Unidentified Flying Objects. There is, however, something intriguing about the explanation provided by the council in response to a written question in Parliament.

The award, suitably enough, comes under the Explorations program. The explorer, a Mr. Musgrave, is to catalogue old sightings of strange aerial phenomena as reported in Canadian newspapers, journals and local histories, and to interview people who have witnessed such phenomena, especially prior to 1947.

It is clear from the wording of the question what troubled Bruce Halliday, the inquiring member of Parliament. Was the Council aware, he asked, that the United States Government spent over half a million dollars between 1966 and 1968 to have competent scientists conduct an intensive study of such reports, including Canadian reports, and that the conclusion (of the Condon report) was that there was no evidence to warrant any further scientific investigation? Mr. Halliday wondered also if there had been consultation with officers of the National Research Council about the advisability of funding such a study.

The problem with the answer is that the Council, on this occasion, appears to protest too much. If one part of the answer is correct, it is



UNIDENTIFIED
in Hamilton Wednesday

very difficult to make sense of the other part.

There was, in fact, no consultation with anyone at NRC. This is perfectly understandable because "the focus of the project is historical rather than scientific."

If this is the nature of the inquiry, it is legitimate whether UFOs are substantial or unsubstantial. In either case, people believe that they have seen strange objects and their reports have been widely credited. Popular illusions, after all, are part of the history of the age.

But the Council seems strangely reluctant to defend the award on this simple basis. The decision, it reports, was based on an "independent appraisal by four scientifically qualified people who were undoubtedly aware of the Condon report; the chairman of the department of astronomy in an American university, the director of the Mutual UFO Network in the United States, a biologist, and the editor of the Canadian UFO report."

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1187 Agincourt Road,
Ottawa 5, Ontario.

March 7, 1970.

Dr. P.M.H. Edwards,
4297 Gordon Head Road,
Victoria, B.C.

Dear Dr. Edwards:

I am writing to you because of our mutual interest in the subject of UFOs. I am, of course, very familiar with your many activities in this field and I am aware that you know of me through my book.

I submitted a brief to the Senate Committee on Science Policy, a year ago, titled "Science, Society and the UFO". It was, as far as I know, the only brief submitted on this matter, among the several hundred briefs received by the Committee. It was always my intention to send you a copy of my brief once it was published, and I placed your name on my list some time ago. It was finally issued by the Queen's Printer about ten days ago, so I am now sending you a copy, by separate mail. I hope it will be of interest to you.

I understand that you investigated a most interesting sighting in Duncan on January 1st, which occurred at the hospital there. It would appear from reports I have seen that this is one of the best sightings so far. It did not appear in our local papers, as usual.

I will shortly be retiring from the Navy and I have today applied for the position of Vice President for Administration at the University of Victoria. I hope that the President will receive my application favourably. If I recall correctly, I believe you are located at U. of Victoria. Perhaps we will have the opportunity of meeting soon.

Yours sincerely,

Arthur Bray

23 Joffre Street,
Dartmouth, N.S.
Canada

13 September, 1955

Dear Miss McGinnis:

Thank you for your letter of September 7,
explaining about the force field surrounding the ships.

I would be most interested in a long and
detailed explanation of this, which you referred to
in your letter, as I am most anxious to learn all I
can about this matter.

If it is not too much trouble for you to
send this to me, I would certainly appreciate it very
much.

Very sincerely,

(A. R. Bray)

Miss Lucy McGinnis,
c/o George Adamski,
Palomar Terraces,
Star Route,
Valley Center,
California,
U.S.A.

Office Memorandum • UNITED STATES GOVERNMENT

TO : DIRECTOR, FBI

DATE: 8/2/54

FROM : SAC, WFO (62-0)

SUBJECT: Mrs. FRANCES SWAN
MISCELLANEOUS - INFORMATION CONCERNING

This interview is predicated upon a telephone call received by SAC L. L. LAUGHLIN on 7/29/54 from [REDACTED] Bureau of Aeronautics, U. S. Navy Department. b7c

On the same date [REDACTED] was interviewed in Room 2912, Main Navy Building. Also present during the interview was [REDACTED] and [REDACTED] furnished the following information: b7c

They advised that the Office of Naval Intelligence had forwarded a file to the Bureau of Aeronautics with enclosures which had been received from [REDACTED]. According to [REDACTED] and [REDACTED] resided near [REDACTED] who had been receiving messages through thought transmission. [REDACTED] approached [REDACTED] and advised him that "flying saucers" were here to help mankind. Information received by [REDACTED] indicated that [REDACTED] became interested in the messages received by [REDACTED] and felt that the matter should be investigated by the Government. b7c

[REDACTED] advised that [REDACTED] wrote to Admiral ESPEY, Director of Naval Intelligence, on 6/1/54 enclosing some of the messages received by [REDACTED]. Receiving no reply to his original communication, [REDACTED] again wrote ONI on 6/7/54. [REDACTED] advised that the first letter that [REDACTED] wrote to ONI contained information that [REDACTED] was receiving messages through thought control from "outer space" and wrote them down as she received them. The letter, according to [REDACTED], stated that [REDACTED] would write without any effort on her part and would write continuously for four or five hours at a time without getting tired. He stated that ONI had in their possession the transmissions or messages that had been received by [REDACTED]. b7c

[REDACTED] stated that ONI had advised that in the absence of any definite evidence of conversations, they would do nothing in the matter. He also stated that the Bureau of Aeronautics took no official action in

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EX - 109

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12 AUG 1954

62-83894-346

in the matter. [REDACTED] was questioned concerning the position that the Bureau of Aeronautics had taken and he remarked that he did not believe that this was pertinent. After further questioning, he subsequently stated that the Bureau of Aeronautics was of the belief that this was a matter for ONI. b7c

[REDACTED] stated that he "unofficially" became interested in the matter and at the invitation of [REDACTED], he went to [REDACTED] where he spent 7/24, 25, 26/54 in the residence of [REDACTED]. [REDACTED] stated that he informed Admiral SAUCEK, his superior in the Bureau of Aeronautics, that he was going to visit [REDACTED]. b7c

[REDACTED] stated that inasmuch as [REDACTED] had received no response from the Government concerning this matter, he began reading books on flying saucers. [REDACTED] advised that during the time that he was a house guest of [REDACTED], there was also present [REDACTED] who was also interested in flying saucers. [REDACTED] stated that [REDACTED] was at [REDACTED] residence with his family and was there in an unofficial capacity. b7c

[REDACTED] advised that during his stay, he and [REDACTED] had various interviews with [REDACTED] and had had contact with the "outer space" through [REDACTED]. During the interview with [REDACTED] and the contact with "outer space," [REDACTED] stated that they sat in a group and he observed [REDACTED] writing messages that she was receiving from someone in "outer space." According to [REDACTED] informed him that the people from "outer space" could use her eyes and ears to see and hear. According to [REDACTED], this is accomplished by the use of a mechanical device and all conversations are recorded by the people in "outer space." [REDACTED] indicated as an example as to how messages were relayed, he stated that he asked [REDACTED] a question which she was to relay to the people in "outer space" and before she had time to relay the question, she began writing the answer down to his question on paper. b7c

[REDACTED] stated that [REDACTED] informed him that whenever she was to have contact with the people in "outer space," she would get a buzzing sound in her left ear to indicate that they were "on the line." [REDACTED] stated that [REDACTED] complained to the people in "outer space" that this buzzing sound gets very annoying and painful to her ear. She also stated that the messages had been coming since May 27, 1954, and would come at all times of the night and consequently she was losing a great deal of sleep. According to [REDACTED] arranged a schedule with the people in "outer space" so that the messages would not interfere with her sleep. [REDACTED] advised that a schedule was arranged between [REDACTED] and the people in "outer space" that she would receive messages on the following schedule: 8:00 in the morning, 12 noon, 6:00 in the evening, every day of the week. b7c

██████████ stated that ██████████, and ██████████, had also heard the buzzing sound in their ears, but have not been able to receive transmissions or messages. ██████████ stated that the transmissions related to flying saucers, location and why they were here, life on other planets, and life in the hereafter, and prophecies in the Bible. ██████████ advised that ██████████ could contact people in "outer space" by mental thought control. b7c

According to ██████████ stated that there were two space ships from which she had been receiving messages. They were described as 150 miles wide, 200 miles in length, and 100 miles in depth. ██████████ stated that these ships are designated as M-4 and L-11 and they also contain mother ships which measure approximately 150 to 200 feet in length. ██████████ related that ██████████ had informed him that there were approximately 5,000 of these mother ships. He stated that "AFFA" is the Manager or the Commander of the ship M-4 which is from the planet Uramus and "PONNAR" is the Manager or the Commander of the ship L-11 which is from the planet Hatann. ██████████ related that ██████████ stated that these contacts with "AFFA" and "PONNAR" were for the purpose of protecting our own earth from destruction caused by the explosion of the atom bomb, hydrogen bomb, and wars of various kinds which they, "AFFA" and "PONNAR," say disrupt the magnetic field of force which surrounds the earth. ██████████ stated that ██████████ also related that contact was made for the purpose of protecting the whole universe because if the "fault lines" break or go to pieces, it would effect the entire universe. According to ██████████ stated, "AFFA" and "PONNAR" are presently working in the area of the Pacific Ocean repairing "fault lines" which are in danger of breaking. b7c

██████████ stated that both he and ██████████ were looking for proof and they wanted to know whether they could contact the man from "outer space." According to ██████████ advised that he and ██████████ could make contact in "outer space" on any frequency provided they informed her first of the frequency that they were to use so that she could advise the people in "outer space." ██████████ stated that in connection with his contacting "outer space," he could make no commitment as he did not know how far the Navy would go. He advised, however, that ██████████ stated that he would try to make contact with "outer space" on Sunday, August 1, 1954, and was going to use a high frequency. ██████████ stated that to make sure that contact was made, ██████████ advised that the ship from "outer space" would come within 100 miles of ██████████, so that ██████████ would have no difficulty in making his contact. b7c

██████████ stated that ██████████ wanted to know if physical contact could be had with the people in "outer space." ██████████ advised ██████████ and ██████████ that the people in "outer space" wanted to know if they could provide them protection and that if physical contact were to be made, they would appear in a force which would consist of 5,000 "bells" or "flying saucers." b7c

WFO 62-0

According to [REDACTED] these "bells" or "flying saucers" would appear over many nations of the world during the latter part of August 1954, and would come close enough to the earth so that they could be seen by man and that they in turn would be able to see people on the street. b7c

[REDACTED] stated that [REDACTED] wrote a letter to MARGARET CHASE SMITH, Senator from Maine, concerning this information, who forwarded the information to the Secretary of Defense and copies were sent to the Army, Navy, and Air Force. According to [REDACTED] also wrote a letter to the President of the United States. b7c

[REDACTED] stated that none of the persons involved in this matter were interested in publicity. He stated that he would be willing to assist the Bureau in the investigation of this matter if the Bureau desired, inasmuch as he believed [REDACTED] and [REDACTED] had confidence in him. b7c

[REDACTED] described [REDACTED] as being of middle-class circumstances, having a very modest home with furniture below middle-class. He stated that she has [REDACTED] person, b7c
[REDACTED] and one who has studied [REDACTED]

The above information is being made available to the Office of Special Investigations, United States Air Force, and no further action is being taken by this office.

EX-109

Date: August 9, 1954

To: Director of Special Investigations
The Inspector General
Department of the Air Force
The Pentagon
Washington 25, D. C.

From: John Edgar Hoover, Director
Federal Bureau of Investigation

Subject: FLYING SAUCERS b7c
MISCELLANEOUS - INFORMATION CONCERNING

On July 29, 1954, Mr. John Hutson, Security Officer, Bureau of Aeronautics, United States Navy Department, and Commander L. T. McCuiston, United States Navy, furnished the following information to this Bureau.

They advised that the Office of Naval Intelligence had forwarded a file to the Bureau of Aeronautics with enclosures which had been received from [redacted] b7c. According to [redacted] and [redacted] residing near [redacted] who had been receiving messages through thought transmission. [redacted] approached [redacted] and advised him that "flying saucers" were here to help mankind. Information received by [redacted] indicated that Knowles became interested in the messages received by [redacted] and felt that the matter should be investigated by the Government.

[redacted] advised that [redacted] wrote to Admiral Ege, Director of Naval Intelligence, on June 1, 1954, enclosing some of the messages received by [redacted] b7c. Receiving no reply to his original communication, [redacted] again wrote to the Director of Naval Intelligence on June 7, 1954. [redacted] advised that the first letter that

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Boardman _____
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Parsons _____
Rosen _____
Tamm _____
Trotter _____
Tele. Room _____
Holloman _____
Gandy _____

cc - 1 - Records Administration Branch (O-6a routing slip)
Attention: Intelligence Security Division (Same date)

AUG 9 1954

MAILED 19

67-93994-346

PH: [redacted]

[redacted] wrote to the Director of Naval Intelligence contained information that [redacted] was receiving messages through thought control from "outer space" and wrote them down as she received them. The letter, according to [redacted] stated that [redacted] could write without any effort on her part and would write continuously for four or five hours at a time without getting tired. He stated that the Office of Naval Intelligence had in its possession the transmissions or messages that had been received by [redacted] b7c

[redacted] stated that he "unofficially" became interested in the matter and at the invitation of [redacted] he went to [redacted] where he spent July 24, 25, 26, 1954, in the residence of [redacted] b7c

[redacted] stated that inasmuch as [redacted] had received no response from the Government concerning this matter, he began reading books on flying saucers. Hutson advised that during the time that he was a house guest of [redacted], there was also present [redacted] who was also interested in flying saucers. [redacted] stated that [redacted] was at [redacted] residence with his family and was there in an unofficial capacity. b7c

[redacted] advised that during his stay, he and [redacted] had various interviews with [redacted] and had had contact with the "outer space" through [redacted]. During the interview with [redacted] and the contact with "outer space," [redacted] stated that they sat in a group and he observed [redacted] writing messages that she was receiving from someone in "outer space." According to [redacted] informed him that people from "outer space" could use her eyes and ears to see and hear. According to [redacted] this is accomplished by the use of a mechanical device and all conversations are recorded by the people in "outer space." Hutson indicated as an example as to how messages were relayed, he stated that he asked [redacted] a question which she was to relay to the people in "outer space" and before she had time to relay the question, she began writing the answer down to his question on paper. b7c

[redacted] stated that [redacted] informed him that whenever she was to have contact with the people in "outer space," she would get a buzzing sound in her left ear to indicate that they were "on the line." [redacted] stated that b7c

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W.C. Sullivan _____
Tele. Room _____
Holloman _____
Gandy _____

[redacted] complained to the people in "outer space" that this buzzing sound gets very annoying and painful to her ear. She also stated that the messages had been coming since May 27, 1954, and would come at all times of the night and consequently she was losing a great deal of sleep. According to [redacted] arranged a schedule with the people in "outer space" so that the messages would not interfere with her sleep. [redacted] advised that a schedule was arranged between [redacted] and the people in "outer space" that she would receive messages on the following schedules: 8:00 in the morning, 12 noon, 6:00 in the evening, every day of the week. b7c

[redacted] stated that [redacted] and [redacted], had also heard the buzzing sound in their ears, but have not been able to receive transmissions or messages. [redacted] stated that the transmissions related to flying saucers, location and why they were here, life on other planets, and life in the hereafter, and prophecies in the Bible. [redacted] advised that [redacted] could contact people in "outer space" by mental thought control. b7c

According to [redacted] stated that there were two space ships from which she had been receiving messages. They were described as 150 miles wide, 200 miles in length, and 100 miles in depth. Hutson stated that these ships are designated as K-4 and L-11 and they also contain mother ships which measure approximately 150 to 200 feet in length. [redacted] related that [redacted] had informed him that there were approximately 5,000 of these mother ships. He stated that "Affa" is the Manager or the Commander of the ship K-4 which is from the planet Uranus and "Ponnar" is the Manager or the Commander of the ship L-11 which is from the planet Batann. [redacted] related that [redacted] stated that these contacts with "Affa" and "Ponnar" were for the purpose of protecting our own earth from destruction caused by the explosion of the atom bomb, hydrogen bomb, and wars of various kinds which they, "Affa" and "Ponnar," say disrupt the magnetic field of force which surrounds the earth. [redacted] stated that [redacted] also related that contact was made for the purpose of protecting the whole universe because if the "fault lines" break or go to pieces, it would affect the entire universe. According to [redacted] stated, "Affa" and "Ponnar" are presently working the area of the Pacific Ocean repairing "fault lines" which are in danger of breaking. b7c

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[redacted] stated that both he and [redacted] were looking for proof and they wanted to know whether they could contact the man from "outer space." According to [redacted] advised that he and [redacted] could make contact in "outer space" on any frequency provided they informed her first of the frequency that they were to use so that she could advise the people in "outer space." [redacted] stated that in connection with his contacting "outer space," he could make no commitment as he did not know how far the Navy would go. He advised, however, that [redacted] stated that he would try to make contact with "outer space" on Sunday, August 1, 1954, and was going to use a high frequency. [redacted] stated that to make sure that contact was made, [redacted] advised that the ship from "outer space" would come within 100 miles of [redacted], so that [redacted] would have no difficulty in making his contact. b7c

[redacted] stated that [redacted] wanted to know if physical contact could be had with the people in "outer space." [redacted] advised [redacted] and [redacted] that the people in "outer space" wanted to know if they could provide them protection and that if physical contact were to be made, they would appear in a force which would consist of 5,000 "bells" or "flying saucers." According to [redacted] these "bells" or "flying saucers" would appear over many nations of the world during the latter part of August, 1954, and would come close enough to the earth so that they could be seen by man and that they in turn would be able to see people on the street. b7c

[redacted] described [redacted] as being of middle-class circumstances, having a very modest home with furniture below middle-class. He stated that she has [redacted] He considered her to be a [redacted] and one who has studied [redacted] b7c

The above data is being furnished to the Office of Special Investigations, United States Air Force, for any investigation deemed appropriate, and for information to G-2, Department of the Army, and the Office of Naval Intelligence, United States Navy. No further action is being taken in this matter by this Bureau.

1187 Agincourt Rd.,
Ottawa, 5, Ontario.

November 16, 1964.

Department of Transport,
Telecommunications & Electronics Branch,
Ottawa, Ontario.

Dear Sirs:

I have been investigating unidentified flying objects, privately, for many years, and I have, on many occasions, read conflicting reports concerning the activities of The Dept. of Transport in this field.

As it is quite obvious from the lack of public statements by the government, that this subject is not considered a matter of national defence, or that U.F.O.'s are in any manner a threat to this country, there can be no reason to keep information from the taxpayer.

I would, therefore, like to be advised specifically, of what type of research has been carried out by D.O.T. into the subject of U.F.O.'s since 1947, with particular emphasis on the work carried out by Mr. Wilbert B. Smith, at Shirley's Bay, between 1950 and 1955.

Yours truly,

A.R.Bray.

1187 Agincourt Road,
Ottawa, Ontario,
K2C 2H8.

March 29, 1976.

Dr. A. G. McNamara,
Head, Planetary Sciences Section,
Herzberg Institute of Astrophysics,
National Research Council,
Ottawa, Ontario,
K1A 0R6.

Dear Dr. McNamara:

Thank you for your letter of March 18th. ^(see file. Don't file) I do appreciate having the matter of your TV appearance clarified.

On another matter regarding UFOs, I have always been assured that all the NRC files on the subject are available to me. I have never been able to see the files on Project Second Storey and Project Magnet, although I do possess a copy of the final Project Magnet Report which was given to me by Peter Millman.

May I be granted an opportunity to review these files in the month of April please?

I look forward to hearing from you.

Yours sincerely,

Arthur Bray.

March 16, 1981.

Mr. Hugh Cochrane,
100 Walpole Avenue,
Toronto, Ontario,
M4L 2J1.

Dear Mr. Cochrane:

In reply to your letter of February 18, 1981, I am pleased to assist, where this is possible.

I am not aware of the existence of any records of tests on Smith's binding meters, although you may be able to obtain details (records) from Smith's son, W.J. Smith, 50 Oberon, Westcliffe Estates, Ottawa, K2H 7X8.

As for the type of nylon line, I can only say that it was "nylon fishing leader". All the information I have on this is contained in the attached paper written by Smith, which includes a technical drawing of the meter.

I have never experimented with these, and the only person I can name who might have is Mr. J. W. Buchanan, 212 Queensland Circle S.E., Calgary, Alberta, T2J 4E5.

I hope this information will be of assistance to you.

Yours sincerely,

Arthur Bray.

July 15, 1982.

Mr. Tokashi Ishii,
3-3-8-109 Minamimizumoto,
Katsushika-ku,
Tokyo 125,
Japan.

Dear Mr. Ishii:

Thank you for your recent letter concerning Project Magnet.

As stated in my book, Project Magnet was an official government project from November 1950 until August 10, 1964. After that date, Smith continued his investigations on his own initiative, on his own time.

Ruppelt, I am sure, stated that Project Magnet was a quasi-official project because the Canadian government had not admitted that it was official. The documentation which I have since acquired, and summarized in my book, clearly shows that the project did have official sanction.

I have not heard the story of funding in the amount of \$40,000,000 for Magnet, but can assure you it is false. Magnet had to make do with only "existing resources" of manpower and material. No additional funding was provided.

As for making a copy of all my data, I am sorry but this is impractical as my file is about an inch and a half thick. However, Chapter 7 of my book summarizes this data, and it is all supported by documentary evidence in the form of government papers, and letters, memos, reports and written notes by Smith himself. His two reports are reproduced exactly in Annexes 3 and 4 and Appendices 1 to 4.

I hope this information is helpful.

Yours sincerely,

Arthur Bray.

August 29, 1983.

Mr. Brian Parks,
19615 Mildred Avenue,
Torrance,
CA 90503,
U. S. A.

Dear Mr. Parks:

Thank you for your letter of August 4, 1983. It was kind of you to write to me, and to pass along the information on Project Stork.

Regarding Wilbert Smith, there is absolutely no doubt about the authenticity of the formerly Top Secret document you refer to, as I have personally seen the original in a Canadian government file, and personally obtained WBS' copy from his own files.

My book The UFO Connection is still available, from Jupiter Publishing, P.O. Box 5528, Station "F", Ottawa, Ontario, K2C3M1. The price is \$8.50 for quality paperback and \$14.95 for hardcover.

The notes Smith made of his interview with Dr. Sarbacher are not in my book, but I have enclosed a copy for you.

Thank you for your very kind remarks.

Yours sincerely,

Arthur Bray.



National Research Council
Canada

Conseil national de recherches
Canada

Herzberg Institute
of Astrophysics

Institut Herzberg
d'astrophysique

Ottawa, Canada
K1A 0R6

File Reference

4714 - 1

2 October, 1987

To - Mr. Grant Cameron
649 Silverstone Ave.
Winnipeg, Manitoba
R3T 2U8 Canada

Dear Mr. Cameron:-

With reference to your letter of 3 September, 1987, I have not neglected it but absence from my office during much of September has made it impossible to reply until now. It is unfortunate that you gave me no telephone number by which I could reach you. As I have no secretary in my present position I rely a great deal on personal contacts by the telephone. Bell could not help me in your case.

Let me summarize a few general points. You credit me with having discussed the question of UFOs on many occasions when the subject never came up. Certainly I knew personally many of the names you mention. For example, C.J. MacKenzie, Tuzo Wilson, James Wait, Paul Hellyer, Bill Petrie, Bob Aldwinckle and George Garland, but I have no recollection of any conversation with any of the above where UFOs were even mentioned. Omond Solandt, Dick Rettie and Wilbert Smith are exceptions. In setting up the Second Storey Committee, Omond explained to me that the chief interest of the Canadian Government was whether or not the UFOs posed a threat to national security. Dick Rettie asked me if I thought the United Nations should be heavily involved in UFO research and my opinion was "no". Wilbert was a good friend of mine and we often discussed many things. However, I did not agree with his statement on page 12 of Project Magnet Report, nor did any other members of the Second Storey Committee, as far as I am aware. Please note that the terms of reference for Project Magnet were entirely in the field of certain esoteric studies of the electro-magnetic forces in and around the earth (see Appendix D, pages 1-5 of your letter). When this Project developed into an effort to explain UFOs it became "a spare-time activity" as stated in my note of 9 May, 1968 (see Appendix A of your letter), a quote directly from my conversations with the senior officials in DOT. Smith's primary value on the Second Storey Committee was his assistance in drawing up instructions for those interviewing observers of strange events. We were trying to get the real objective facts of these observations and to remove, as far as possible, the subjective opinions and enthusiasms of each individual observer. Our committee was not asked to carry out any general study of all the previously reported incidents.

I would like to make one further general observation. Smith's report on his Washington visit in 1950 over-emphasized the importance of the UFO problem. Since I spent the last three years of my active service in the RCAF (1943-1946) working full-time as a liaison officer in operational research at both our headquarters in London England and in Ottawa, I was very

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Telex 053-3715

Canada

familiar with the handling of large masses of top-secret material. There was, in the post-war period just before 1950, a tendency to over-emphasize the search for new sources of energy and new, secret weapons. For many years I have fought against the military classification of the facts of basic science. When I agreed to take over the UFO file from DND in 1968 at the request of our Minister, the Hon. C.M. Drury, it was on the understanding that I would not be required to handle classified material. Government classification of reports in this field has only created misunderstanding and the idea that various countries are hiding some strange secret about UFOs. In my estimation this belief is completely incorrect and without foundation. What senior officials of all governments want to hide is how little any of them really know about the so-called UFOs. I have kept a watching brief on the sky for over 60 years as a professional astronomer, and I should just love to be able to say that I had found definite scientific evidence of the existence in the universe of an alien intelligence apart from that on earth. My name would go down in history. I am enclosing two of my published statements on this subject from 1975 and 1980, and since then I have seen no reason to alter what I said on those occasions.

Now, let me deal with your specific questions as far as I can:-

- (1) a. I have no recollection of ever seeing either the original memo from W.B.Smith, dated 21 Nov. 1950, nor a copy of the letter from R.S.Rettie to W.H.Barton, dated 30 June 1967, until I received your letter in September, 1987 (copies of the two documents noted above were appendices "D" and "B" to your letter). As a purely personal footnote I would never use the word "nonsense" when describing a subject which has puzzled and worried numbers of people living in various countries over the world. See also my comments in the introductory paragraphs above re your appendices "A" and "D".
- (1) b. See answer to (1) a.
- (1) c. I had never seen the code word "Coldcode" until I received your letter.
- (1) d. Naturally, I have no idea.
- (2) a. If you can explain every statement made by officials in any department of the Government, you are a better man than I am. Also, see above my opinion on classification.
- (2) b. The only studies relating to Project Magnet which I have seen or know about are those submitted by W. B. Smith to the Second Storey Committee and made available to the public when I was head of Upper Atmosphere Research Section at NRC.
- (2) c. I have no knowledge of the answers to any parts of this question. As the Chairman of the Second Storey Committee I hold a signed copy of the report Smith made to the Committee, referred to in (2) b.
- (3) a. Solandt did not consult me concerning the make-up of the Second Storey except that we agreed it should be completely inter-departmental as far as possible. Garland did not attend a single meeting of the Committee, nor do I remember discussing UFOs with him. As I have already noted I made continued efforts to have all material in this field declassified.

- (3) b,c,d. The answer to all of these questions is no.
- (3) e. I haven't the slightest idea.
- (3) f. Members of the Second Storey Committee had not seen, as far as I am aware, the exact wording of Smith's memo of 21 Nov. 1950, but if they had I believe their reaction would have been quite similar to my remarks in my third introductory paragraph above. Smith talked a lot but certainly none of us felt he had made a major revelation, to use your wording.
- (3) g. As far as I know, there were no reports of the type you mention made by the people you list. If there were, I am sure they would have been brought to attention of our Committee.
- (3) h. There was little direct liaison between Canada and U.S.A. on this subject. We noted the reports of Project Blue Book, and at our last meeting tentative plans were made to have Capt. Ruppelt come to Ottawa to discuss his investigations with our Committee, but these fell through. The above comments refer to the period 1950-1953. Much later, during the investigations of the Condon Committee in 1966-1968 when I was head of the Upper Atmosphere Research section of NRC, we had relatively frequent consultations with the scientific UFO investigators in the USA. As noted above, we at NRC took over the UFO files from DND in 1968, and from that time on all reports on these files have been made available to the general public. At present, reports older than one year are on file with the National Archives of Canada at 395 Wellington St., Ottawa, Ontario, K1A 0N3. The recent reports are in the Planetary Sciences section, Herzberg Institute of Astrophysics, National Research Council, Ottawa, Ontario, K1A 0R6.
- (4) a. I was amazed to read the clipping from the Winnipeg Free Press, a daily newspaper I never see (your appendix F2). I certainly had heard vague rumours about some attempt to build a UFO landing site in western Canada, but that was absolutely all I knew about it. I used to see Paul Hellyer regularly at church on Sundays, as we were both attending Southminster United Church in Ottawa. As I have noted above we never discussed the subject of UFOs. If any such landing site was ever built, either officially or unofficially, I am not one bit surprised that no UFO ever landed on it. I certainly cannot tell the DND side of the story, since I was discharged from the RCAF in July, 1946.
- (4) b,c,d,e,f,g,h,i. Impossible for me to answer any of these questions since I knew nothing about the "so-called" project.
- (5) a,b,c. Apart from vague ramblings about the great importance of the all-out investigations of UFOs the only material Wilbert ever transmitted to me in writing was his report to the Second Storey Committee, which our group here has made available to the public. I was not involved in any of the hypothetical discussions you refer to in these questions.

Sincerely yours

Peter M. Millman
Peter M. Millman, Researcher Emeritus

Enclosures:- "Seven Maxims of
UFOs", 1975.

"Position Statement" from Encyclopedia of UFOs, 1980.

September 3, 1987

Grant Cameron
649 Silverstone Ave
Winnipeg Man.
R3T 2V8

COPY

Dear Mr. Millman,

I am writing to you as one of, if not the only key person from the early history of Canadian UFO research still alive in order to clarify some unresolved parts of that history, and to answer questions raised by new revelations.

More specifically, I am interested in your answers, as they relate to the research done by Mr. Wilbert B. Smith, as he was responsible for all of Project Magnet, and about 95% of the discussion and research published on Project Second Storey. Due to the fact that you wrote the "Note to Project Magnet", the "Summary Report to Second Storey", and the fact that you knew Mr. Smith personally, I think it is proper that this letter and these questions be addressed to you.

- 1) In response to Smith inquiries at the NRC, the department gives out the "Reprint of Project Magnet Report". You authored the introduction to this publication (enclosure A). You state therein the standard Department of Transport line that the research and report were a part time activity for Wilbert Smith. You signed this introduction dated May 9, 1968. Just ten months earlier Mr. R.S. Rettie invited a number of people to Building M-58 at NRC to formulate a Canadian UFO Policy Position for the United Nations (see enclosure B). A hand written note on the Department of Transport copy states "At one time projects Magnet and Coldcode were official projects a lot of time was spent on proving the subject to be nonsense."
 - a) Can you explain the discrepancy between your position on May 9, 1968 and the D.O.T. Deputy Minister of Air Services position ten months before?
 - b) Was Project Magnet an official project?
 - c) I have asked everyone else, so I will ask you - What was Project Coldcode?
 - d) Where are the records?
- 2) More importantly, I have enclosed a memo signed by W.J. Wilson dated Sept. 15, 1969, a little over sixteen months after your May 9, 1968 note to the Project Magnet Report (see enclosure C). Mr. Wilson states that on your direction the Second Storey documents in Project Magnet be declassified. "Documents relating to the studies behind Project Magnet . . . and discussion in the Department of Transport surrounding project Magnet be down classified to at least the confidential level. At no time should it be made available to the public."

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- a) Could you explain how a "spare time activity", as stated in your May 9, 1968 statement was something which "at no time should be released to the public " sixteen months later?
 - b) Could you explain what were the "studies behind Project Magnet"? Where are the records and your letters relating to these studies?
 - c) What Project Magnet report in point 4 is to be destroyed when the subject cools off? Is it different from the public version released by you May 9, 1968? Was the Project Magnet report in point 4 destroyed?
- 3) Enclosed please find a copy of the Nov. 21, 1950 Smith memo (see enclosure D). When were you first made aware of the information contained in this memo? I assume that you were very close to the information and studies proposed. I base this on the following information:
- Dr. Solandt, a major player according to this memo, chose you to head the Defense Research Board study (Project Second Storey) into UFOs.
 - Dr. George Garland was provided as "specialized personnel for incidental work". Coming from the Dominion Observatory you must have approved this.
 - Again you wrote the final report to Smith's Project Magnet Report, copies of which are still being sent out by the National Research Council.
 - According to the Wilson memo (enclosure C-1) you were the one responsible for moving the classification of the Nov. 21, 1950 Smith memo from Top Secret to Confidential.
- a) Could you explain exactly how you interpret points A-D?
 - b) Did you discuss these points with Mr. Smith?
 - c) Did you discuss this information (points A-D) with Dr. Solandt who was briefed the day before the memo by Mr. Smith with all the information he had gathered to date?
 - d) Did you discuss this information (points A-D) with Dr. C.J. MacKenzie who was good friends with Mr. Bush who was mentioned in the memo (see enclosure E).
 - e) Did MacKenzie contact Bush relating to what Smith had said?
 - f) What steps were taken to check the information given by Smith as to the situation regarding UFOs in the USA as described by the Canadian Embassy.? Why are there in the public records absolutely no records or interdepartmental correspondence whatsoever to this major revelation? Where are all these records?
 - g) What reports did Dr. George Garland provide you regarding his work on either (i) Project Magnet or (ii) the studies behind Project Magnet? What about reports by Dr. J. Tuzo Wilson, Dr. James Wait, John H. Thompson? There seemed to be a lot of people involved, but no memos, letters, or reports?

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- h) Most importantly, what liason and discussion took place between the Canadians and the Americans related to points A-D? Who was involved? Where are the reports?
4. Enclosed also please find your "Summary Report" to Project Second Storey (enclosure F-1). Again your conclusion related to further UFO studies is rather negative. You will note the date of the report is Nov. 21, 1953, and that you wrote the report for the Department of Defense. Now see enclosure F-2. According to the Department of Defense, "'expert on UFOs" (only a couple months after you wrote your report stating there is nothing to this UFO stuff), the Department of Defense is secretly running a Top Secret program to land UFOs at the Defense Research Board Station at Suffield, Alberta. In 1967 the Department of Defense admits this. In 1978 the Department of Defense denies it (enclosure F-3). Because you wrote the final report for a D.O.D. UFO study only months before, you surely were aware of this Top Secret Program.
- a) I have only Wilbert Smith's version of this Project. The Department of Defense claims to have destroyed its records. Perhaps you could fully tell the D.O.D. side of the story?
 - b) What was the Project name?
 - c) Who were the members of the committee?
 - d) Who is this "department expert on UFOs"?
 - e) Was this project related to the U.S. Project SIGMA, or any other project to contact aliens?
 - f) What group made "strong representations to the committee"?
 - g) What part did the RC.M.P. play?
 - h) How were the UFOs notified that Suffield was the place to land? Was Shirley Bay used for this purpose?
 - i) Where are the records from this project? Where is your correspondence related to this Suffield Project?

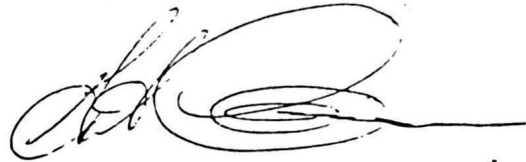
Finally, regarding enclosure S 1-13, in Wilbert Smith's Nov. 21, 1950 memo, he states that he had provided Dr. Solandt with all the available information he has obtained. This would have included the enclosed hand written notes of the interview with Sarbacher. This interview plus others he conducted to obtain the information which became points A-D in the Smith memo, are not a part of Magnet or Second Storey files. There is little doubt that with the mention of Dr. Vannevar Bush's name, and the supporting interviews done by Smith, that you, Dr. Solandt, and Dr. MacKenzie would have taken the matter very seriously. It appears now quite clear that Wilbert Smith was getting his information from reliable sources in the U.S.A. (enclosure S). In light of this revelation I am sure all researchers in Canada and the USA. would appreciate answers to the following questions:

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- a) Canadian departments (defense, NRC, DOT) have always maintained that Smith was a loose cannon and that Smith alone was responsible for his conclusions. How does this fit into the presently known fact that he was only following up on upper level USA research programs?
- b) Can we now have released all notes presented by Smith at the Nov. 20, 1950 meeting with Dr. Solandt. Also, all notes taken by Solandt, his diary entries and interdepartmental correspondence initiated by Solandt as a result of this meeting with Smith.
- c) Can we have details of all Canadian-U.S. liasons, meetings, related to this information passed to Dr. Solandt. Especially wanted is liason between Canadian scientists and American scientists such as Dr. V. Bush, Dr. Eric Walker, Dr. Compton, Dr. John von Neuman, Dr. Robert Oppenheimer. Finally, any exchanges or liasons on UFOs between the National Research Council and Defense Research Board, and the U.S. Research and Development Board.

Mr. Millman, you were closely associated with all these projects and people. You are aware of what records exist, and where they might be found. You wrote final reports to the two major Canadian UFO Studies. I think I have properly requested that you fill in these gaps in Canadian UFO research history.

I await your reply. Thanking you for your time and consideration.

A handwritten signature in dark ink, consisting of a series of loops and a long horizontal stroke at the end.

953 State Street
Portsmouth NH 03201
January 27, 1988

Dear Grant Cameron:

Received your letter of January 17, about my contacts with Frances Swan. Actually, I have never had any contacts with her, so I can only tell you information given to me by others.

In 1961, I wrote to NICAP, seeking information about ufos, after our sighting in the White Mountains. At that time Rear Admiral (ret.) Herbert Knowles was on their Board of Directors. He invited us to visit him because of this interest. This was the beginning of our association which continued for many years. We lived only about five miles from each other.

During these visits over the years, we met many people at his home - Muri Smith, the Buchanans and a retired Commander, whose name I can not remember at the moment, from the Navy, who died. Later his wife remarried and I still have contacts with her.

During these visits, Barney and I were hoping to be able to find someone who may had contacts with the aliens, without their knowing this interest. Those whom we met were apparently followers of Adamski, for they told of seeing the tall, blond, beautiful ones, dressed in long flowing gowns, which had no relationship to our experience. Then our capture became known.

Adm. Knowles invited Frances Swan to meet us. She refused on the basis that we had contacts with the evil ones, while she was in touch, thru automatic writing, with the good ones.

I know from others that Adm. Knowles contacted friends in the US Navy to give them some information he obtained from Mrs. Swan and apparently two officers visited and talked with her. I know of no other contacts. I was friends to both Herbie and his wife Helen until their deaths. At the time they lived on Goodwin Road in Eliot Maine, so I checked our phone book - I know Mrs. Swan was a near neighbor, and I found a listing for GuySwan, 364 Goodwin Road, Eliot Maine. Phone 207 - 748 - 0848. I think this is probably Frances Swan. I know one investigator who talked with her back in the 1970s and was not impressed.

The question is: how valid is automatic writing?

Sincerely,

Betty Hill
Betty Hill

ABOVE TOP SECRET

THE WORLDWIDE UFO COVER-UP

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649 Silverstone Avenue
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13 February 1988

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Dear Mr Cameron

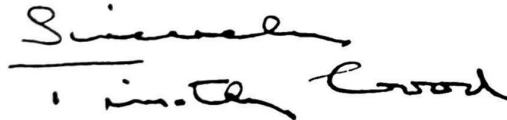
Thank you very much for your letter of 16 January last.

I am delighted to learn that you have recovered the original copy of Wilbert Smith's letter to Ronald Caswell, and when you have a moment would be delighted to have a copy of this. Unfortunately, Ron gave up all communication with anybody having anything to do with the subject about 20 years ago, having become a Jehovah's Witness. I haven't the slightest idea where he lives now, and even when I wrote to his (then) current address my letters were ignored. It is quite possible that Ron received other letters from Smith, but, again, I'm afraid I can't help you - wish I could.

I hope you like my book. Thanks to Arthur, I was able to publish Wilbert Smith's original notes following his meeting with Dr Sarbacher. The Canadian edition of ATS will be published later this year by Macmillan, by the way. And William Morrow of New York are bringing out the US edition in April.

Please give my kind regards to Arthur, and thank him for his last letter.

With best wishes



TIMOTHY GOOD

Electricity is vibrations or radiation. Where ether (or if you do not like that name, call it what you will) is quiescent, we see nothing. Light causes vibrations of this "ether" and it is these vibrations which cause our eyes to detect. All substances are really combinations of one primordial substance, i. e. electricity, or, in other words, electricity is specifically modified ether. Electrons in motion go to constitute an electric current. Ether waves in motion go to constitute an electric current. What electricity is to matter, so is electric force to common mechanical force, and electrical inertia to common inertia. By inertia, I mean the ratio of force to acceleration. Perhaps electric inertia might be defined as the ratio of electric motive force to the acceleration of electric displacement.

Below will be found some excerpts from some Scientific books.

"ASTRONOMY", by Robert H. Baker, Ph. D. Professor of Astronomy, University of Illinois, page 303:

"Another problem relates to the apparent lavish expenditure of this radiation. Of all the energy that pours forth from the sun, less than one part in 200 million is intercepted by the planets and their satellites. The remainder spreads through interstellar space with little chance, so far as we can know, of being recovered. The suggestion that the sun shines only in the direction of material that can intercept it makes an appeal from the point of view of economy, but appears to have little else to recommend it. It would seem that nature is squandering its resources of energy so prodigally that it must end in bankruptcy; but we doubtless have at present an imperfect account of the situation."

"FOUNDATIONS OF THE UNIVERSE" by M. Luckiesh, D.Ss. Director of Lighting Research Laboratory, General Electric Company, printed in 1925, page V:

"In the far-off stellar crucibles we see the same laws being obeyed as in our laboratories. As we trace down to the almost infinitesimal constituents of the extremely minute atom we find that apparently it does not exist at all as the realistic matter which we have supposed it to be. There at its very foundation it seems to consist of electric charges which probably simulate the motions of celestial bodies * * *. It is becoming more and more certain that the apparent complexity of nature is due to our lack of knowledge. As the picture unfolds it promises a marvelous simplicity."

Again quoting from "FOUNDATIONS OF THE UNIVERSE," by Dr. Luckiesh of General Electric, pages 41-43:

"The great success of the atomistic principle as it is involved in the kinetic theory of matter is one of the wonders of the modern scientific age. It is to be expected that it has found other applications equally fascinating and promising. It is now being pressed further into the service of explaining the structure of matter. . . ."

"When Maxwell (1873) propounded the electromagnetic theory of light (radiation), his achievement was epochal. The exact manner in which the radiant energy traversed space was not known, and the exact epochal event was the founding by Planck (1900) of the quantum theory. Here we have the atomistic principle applied to energy instead of being confined to the material of the universe as it had been. In other words, in the quantum theory we have the atomistic idea applied to physical processes. We now have the atom of matter, the atom (electron) of electricity, and the atom (quantum) of action (a product of energy and time). Planck assumed the emission of radiation (from the sun, a lamp filament, etc.) to occur discontinuously. He conceived elements of energy of equal magnitude analogous to the equality of electrons, or atoms of a given element. Radiation or

radiant energy is emitted of various wave lengths or frequencies which must be taken into account in laws of radiation. . . . Now the physicist uses quanta as commonly as he does electrons and atoms and molecules. Bodies are built of molecules, the molecules of atoms, and the atoms of electrons (and protons). Here we see the atomistic principle applied to "material" (matter) and then to electricity (What shall we call it?). Finally, a physical process—the radiation emitted by the electrons—is divided into quanta. With such pictures of the universe being constructed we may cease to be surprised at anything, but our interest and admiration will grow. Will we ever get to the final foundation?"

"One of the most marvelous relationships that has ever been revealed in the entire science of physics is that between light and electricity. Knowing what we do at the present time in regard to the structure of atoms, this relationship is not quite so surprising. However, considering the total absence of knowledge a half century ago, pertaining to the existence of electrons in atoms of matter, the sudden revelation that light (and radiation in general) was an electrical phenomena was very startling and revolutionary. Even today these persons who are unfamiliar with fundamental physics find it difficult to believe that energy traveling from yonder star to the eyes is electromagnetic in nature. But that it is so has been amply proved. The atom in those distance stellar crucibles having moving electrons which are emitting electromagnetic waves of many wavelengths or frequencies. Here on Earth we have many 'receiving stations' which are tuned to certain ranges of wavelengths."

"RADIANT ENERGY" by Edgar Lucien Larkin, Director Lowe Observatory, Echo Mountain, California, printed in 1903, on page 17:

"Radiant here means proceeding from a center in straight lines in every direction. Energy is internal and inherent. Professor Barker, "Physics," page 4, says: 'Energy is defined as a condition of matter in virtue of which any definite portion may effect changes in any other definite portion.' This was written in 1892, and discoveries since confirm it. Energy then, is a state of matter, or, rather, the result of a particular state or condition in which matter may be when any observed phase of energy appears."

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The
SUN
PHOTO SERVICE
Salt Lake City, Utah

Feb. 26, 1940

Dr. T. H. Moray
2484 South 5th East St
Salt Lake City, Utah.

Dear Sir:

We wish to thank you for the recent business you have given us, and hope we may have the pleasure of serving you again.

For your information we wish to state that in all cases where negatives included any of your lights we found them to be of greater intensity than ordinary illumination. They seem to burn in the negative to such a degree that we found it

necessary to cut special masks to hold back the immediate area of illumination in order to obtain any outline of the globes whatever. We found the average negative required about ten times the normal exposure in the areas where lights were used. This is especially interesting as in photographing ordinary lights when shining directly into the lens of camera the light outline can be plainly seen even though the negative is dense at point of illumination and in the case of your lights the only detail possible to obtain had to be brought out through holding back dense area as mentioned above.

Very truly yours,

THE SUN PHOTO SERVICE

By D. R. Silvers.

Have other letters from expert photographers which all show the activity of the rays by the way they burned into the photographic film.

One hears a great deal about the work being done by the cyclotron or atom-smasher, from the first one constructed by Dr. C. E. Lawrence at the University of California to the sixteenth American cyclotron now under construction at the University of Illinois. The University of Illinois already had a small one, the second one built in the world; but this new one, which will be ready about April or May of 1942, and which will have taken many many months to construct, will have six huge iron castings weighing 60 tons. One section will have two miles of copper tubing wound into a dozen flat coils.

Hundreds of thousands of dollars are being spent for apparatus with which to effect transformations and many of the greatest scientists are giving their entire time to this work. All this time and money could be saved if we would but realize the fact that nature is splitting atoms all the time for us. That is the source of energy of the Universe being given to us free of charge.

The Carnegie Institution of Washington, D. C., has its Atomic Physics Laboratory. At Harvard University mercury has apparently been turned into gold by the cyclotron. This experiment was reported in Washington to the American Physical Society by Dr. Sherr and Professor Bainbridge.

The report shows, however, that the amount of gold obtained was so exceedingly minute that its presence was shown only by an indirect method. Further, it is in a form of gold that vanishes rapidly. It decays like radium. With one form detected, after 48 minutes half of a given amount was gone; after another 48 minutes half of what remained was gone and so on. Other forms lasted but a few days. Small amounts of platinum were also formed by transmutation of mercury.

A tiny amount of gold was mixed with about a pound of the bombarded mercury as a bait to draw the transmuted gold atoms together.

One can see, therefore, that transmutation of metals is an accomplished fact, something which twenty years ago would have been called impossible by the same institutions that are spending so much time and money today on this research.

So again it is with great satisfaction that the Research Institute and its predecessor, the Moray Scientific Laboratories, sees that the work it has been doing and for which it was called all sorts of kind (?) names is being followed by others.

We say followed by others advisedly, because as early as 1911 the personnel

which is now a part of the Research Institute, advanced as facts, discoveries of rays of the universe and of matter, which today are being substantiated in the greatest institutions of the world.

As early as 1925, by a method far less complicated and expensive, the Moray Scientific Laboratories, the fore-runner of the Research Institute, changed common lead so that it could be heated to a white hot heat before melting. Other treated lead which contained no precious metals before treatment assayed as follows: May 28, 1940, from one ounce of lead treated at Salt Lake City, Utah, and assayed at the Boaz Mine, Norris, Montana, assayed 35c in gold. Five ounces of untreated soil assayed blank while the same amount of treated soil assayed at the rate per ton of \$122.50 in gold.

July 25, 1940, an assay was made by the Union Assay Office of Salt Lake City, Utah, from about 50 c.c. of treated artesian water (untreated water had no precious mineral content) assayed at the rate per ton of \$10.50 in gold, \$2.63 silver. Sample serial No. 88193. Test serial No. 7209 made July 27, 1941, on another sample treated, assayed 70c in gold and 43c in silver.

It must not be understood that this was done on a commercial basis but in the laboratory just as the results given above that were obtained at Harvard. The only difference was that the gold, silver and platinum obtained at the Research Institute was not in such tiny amounts that their presence could only be detected by indirect methods, but that they were in great enough quantities that they could be assayed. They could be milled and separated from the other metals and could be weighed. Furthermore, none of these precious metals vanished, but still exist and can be examined by anyone.

In America and abroad, especially in Germany, scientists have devised the thermal diffusion method which has proven to be one of the most efficient methods of separating the different forms of isotopes of the elements. With this method scientists have separated not only the isotopes of chlorine, but those of neon, krypton and others, but again this is an expensive process.

By the methods used in the laboratories of the Research Institute very interesting results have been had with copper, lead, aluminum and magnesium. A cheap alloy which blends well with other metals has been experimented with, the commercial price will be much less than magnesium, yet the atomic weight is about the same after it is fused by special rays and frequencies of a Radiant Energy device developed in the Institute laboratories.

Successful experiments were also carried on in 1940 to greatly increase the radioactivity of carnotite, uranium and other radio-active substances. This method brings results heretofore not obtained by any other method.

Hollywood, Calif.,
May 20, 1942.

Dear Mr.

With reference to our recent conversations and as a means of clarifying my position, let me repeat some of the statements I have made to you.

At that time and other times I wrote you, among other things, the following, which I will again repeat:

"It is recognized that in addition to possessing kinetic energy, the atom is capable of absorbing energy internally. This internal energy would seem to be associated with the configuration of the particles of which the atom is composed. While under ordinary conditions an atom is in what is known as the normal state, or

the state in which we find matter apparently neither giving off, nor absorbing energy. The internal energy of the atom can be altered; for while under ordinary conditions an atom is in what is known as the normal state, when the internal energy of the atom exceeds that of its normal state it is said to be excited. Excitations may be caused in several ways, among which is the collision of the atom with rapidly moving positive or negative particles, or as in the breaking of the lines of force in the modern electromagnetic generator, which I prefer to call an electric pump, for the electric generator does not create the electrical energy any more than the water pump creates the water. Kinetic energy is given up, or, in other words, this excitation causes these rapidly moving particles to give up some or all of their kinetic energy to the atom during the collision. A limiting case of excitation is ionization, in which energy is absorbed by the atom sufficiently to allow a loosely bound electron to leave the atom against the electro-static force which tends to hold it within the atom. An atom which has given up one or more electrons is said to be ionized.

It is possible that ionization, or in other words excitation, may take place in successive steps through absorption of quanta energy, or, in other words, through the evolution of matter and the evolution of forces, matter is continuously changing into energy and energy continually changing into matter. The return of an ionized atom to a state of lower energy is associated with electromagnetic radiation. So also from the process of ionization which may result from a number of causes, and the one we are interested in is through cosmic radiation, electric energy becomes associated with the oscillation or sonic of the universe. The higher the frequency, the greater the ionization or excitation. Or, as I have stated before, matter is susceptible to motion; the universe continually changing into energy and energy into matter. All energy appertains either to matter or excitation of energy and continually passes from one to the other, or in other words, continually possessing kinetic energy. There, at its very foundation, matter consists of an electric charge which governs the very motion of the planets and suns. I consider gamma rays or radio activity an electrical action only of a different rate of vibration.

If one, therefore, sets up a sonic oscillation, a sonic oscillation existing in the realms beyond the light rays, one will be in harmony with the oscillations of the universe, the energy that is coming to this earth continuously, oscillating back and forth in a definite sonic. Some call it radio activity.

Relativity theory suggests that radiation of any large amount of energy is accompanied by a like loss of mass. This loss of mass is given up as the loss of energy. If in the formation of an amount of energy we have an accomplished loss of mass, as has been explained by astro-physicists to account for the radiant energy of the sun and the stars, it is equally reasonable to believe that energy in returning back to the source from whence it came, is capable of again creating mass, and through this process we have a lowering in the potential with no less mass and no less energy. The energy used to drive any of our great power systems has not been absorbed, it merely sinks back to the place from whence it came, as water over a wheel. There is nothing about this that suggests perpetual motion, but it is merely a case of the evolution of matter and the evolution of forces. This might be called the economy of the universe, for if it were not so, nature could be accused of squandering her resources of energy so prodigally that nature would eventually end up in bankruptcy, but doubtless in our present theories, we have a very imperfect account of the situation.

If we reverse our imagination on what the telescope has taught us of the

stellar universe, we will find that beyond the microscope we have the particles of which everything about us consists, obeying every law that is found everywhere from stellar space to atomic space. We find bodies in motion and when we think how small the proton and electron are, and yet obeying the same laws of the universe, we may see the economical uselessness of science trying to crack the atom, when nature, or call it what you will, is accomplishing the same thing for us in stellar and interstellar spaces. Why do something nature is already doing for us? Let's use what nature offers as I first suggested in 1926 and again in 1931. In the great laboratories of the universe we are having done for us something that far excels in its performance anything that we may hope to accomplish in our laboratories. Why try to do in our small way something which nature is already doing for us? From this conception we might see that Democritus came close to a great scientific truth in his bold statement, when he declared that all physical phenomena reduced itself to one single item—motion, or, as we might repeat, the sonic of the universe. Let me repeat, do not forget the atom is but a counterpart of the universe itself, and that light and other radiations exert a mechanical pressure upon every object they strike, and that all these radiations are essentially electrical in their character. There is a breaking down and a building up of the atom continuously, and it is the evolution of matter and forces which is producing, eternally, unlimited power.

May it not yet be shown that the dissipated energy which results from so much transformation of matter which has heretofore been unavailable—or we should say unused by us where it has only appeared to be unavailable—should now become available to us as an unlimited source of power through the Moray discoveries of application of these forces?

In the Gamma Rays we find potentials which are equivalent to as much as 2,000,000 volts, yet their wave lengths are not the shortest known to physicists. In octaves still higher lie rays which are known as Cosmic Rays. Who can draw a definite line and say how much higher other octaves exist than those of known Cosmic Rays? Our starting point for the discovery of these different rays was electrical conductivity of the air. It has been discovered that conductivity is just as strong by night as by day, so that radiations emitted by the sun can scarcely be the cause of this energy. May we not, then, accept the theory that the sun, in and of itself, has no energy, but is merely a rebroadcaster of the great generator—the sonic of the universe itself? That these two, then, matter and energy, are possibly one, is the sum total of all that has been found out during the centuries of constant research, to be judged by that small portion of the universe which is visible to man, who is only armed with his infinitesimal telescopes, or with the most powerful spectroscopes ever made by man.

It is the belief of the writer that all space is saturated with energies which are doubtless electrical in their ultimate energies or very closely allied to electrical action. The relation of matter to energy and energy to matter then becomes the potential of the universe, one continuous series of oscillations, oscillating to and fro like a great pendulum across the universe.

One might ask, "How can one get a steady source of energy from such surges?" Could not a steady flow of water be obtained from the surgings of the sea?

The history of every major scientific discovery has proven that argumentation on the merits of a discovery, when judged by private interpretation of the scientific facts in question, has proven them all impossible and their discoverer a

charlatan.

The above, with all of the other data which has been furnished you in the past, such as my general statements on Transmutation of Metals; Electricity in Medicine; the Patent Situation; the Pictures; and the General Statement on Radiant Energy; Electromagnetic Radiation, written in Los Angeles in 1939, which contains some quotations from my pamphlet, "Beyond the Light Rays," which was written many years ago and printed in 1931, should be of sufficient help to you in forming a conception of the facts.

If you should need additional information, do not hesitate to request the same.

I would like to further clarify another point. I have not come to you, nor to anyone, trying to peddle Radiant Energy. You came to me in regard to Radiant Energy, and I have tried to help you to understand my conceptions and the facts surrounding the discoveries I have made. If the world wants what they have to offer in Radiant Energy, Transmutation of Metals, Ultra Sonics, and Electro-Therapy, and the other kindred discoveries that I have made, I am more than willing to help them to do so. If not, I can and will work out every problem by myself. With kindest regards.

Most sincerely yours,

T. Henry Moray,

* * *

May 20, 1942.

RESEARCH INSTITUTE, INC.
2484 South Fifth East Street
Laboratory: South Fourth East Street
Salt Lake City, Utah

April 17, 1942.

Dear Mr. _____

Your kind letter of April 14, special delivery, came last night.

Letter writing is such an unsatisfactory method of trying to put one's ideas over, that I hesitate in trying to express myself by letter, but this may serve to review some points in our minds, which, however, from the conversations we have had, I feel are fully understood by you.

As to an explanation of my theories of why the Moray discoveries of Radiant Energy have given the results demonstrated, I have in the past given many complete accounts to men of science and others. The data you have had from me goes into considerable detail proving the fact that the device does all that is claimed for it. Naturally no attempt has been made to give, **nor will such information be given, as to why or how the results are obtained.** I feel that you readily appreciate the fact that from a standpoint of law and public use patentability and a general safety standpoint, there is a definite disadvantage in disclosures up to the time when one has on file in the United States and desired Foreign Countries all applications which it is desired to file. However, the important thing is that the machine or device operates and therefore at this time theories of operation are unimportant. For instance, the explanation of the "back rush" effect of condensers should be sufficient to satisfy anyone as to the operation of the condensers in acting as reservoirs for the distribution of energy. This is equally true of the statements about the device oscillating in harmony with the oscillations of the universe, in face of the evidence of operation which is now in your possession, and the data you turned back to me.

The conversion of matter to energy in the stars is now very generally accepted as demonstrated, and reasoning from what occurs under radio active disintegration, during which energy waves are radiated, we may conclude that energy waves of very high frequency are sent out from the stars, one of which is our sun.

As in the reception of radio waves and radio active waves, so in this the circuit is tuned and by the right arrangement of our own type of special oscillators, frequencies are reduced so they may be made to respond to the right arrangements of inductances and capacities and of a special "valve" of our own construction, to prevent the return of the power to the outer circuit and force it to go through the power application circuit. Ordinarily when a potential is applied to the terminals of a condenser, a full charge is acquired almost instantaneously, but with the Moray oscillators filling up somewhat as when water is poured into a bucket, the longer the energy is applied, the greater the charge taken, up to the maximum capacity for the given potential and frequency. This was explained in the data you had, that these oscillations of energy are picked up by the Moray device and, as stated, these surgings or oscillations of energy are coming and going in a regular beat note of time. This energy has a definite elastic rigidity and density which is subject to displacement and strains. When the strain is removed, this energy will surge back and forth as the waves of the sea and will continue to oscillate as long as the internal impedance is kept within certain limitations and by synchronous actions of the device with the actions of the universe, recovery will be quicker and quicker until inertia asserts itself and the action will become distinctly oscillatory and harmonics set in. Then the oscillations of the device will continue with the oscillations of the universe. As stated, these oscillations are not simple oscillations, but surgings with a definite beat note, elastic rigidity and density.

The leaflets you requested are being sent you under separate cover.

Most sincerely yours,

T. Henry Moray,

* * *

QUOTING FROM "BEYOND THE LIGHT RAYS"

(First Written in 1928 from Notes of 1913 to 1918 and First Printed and Published in 1931)

In writing this very short account of the oscillating theory of the Moray "Radiant Energy" discoveries, one can only touch the high spots as many large books would have to be written to even in a small way cover the subject.

Another difficulty which has hindered man in forming a true picture of the objective world is that mixed blessing—egotism. In early centuries he could not escape from the false assumption of his own preeminent importance, and these same shackles are still prejudicing the observations of most persons.

In reference to electrons, neutrons, protons, and ions: It is my theory in using these terms that they are the energy of the universe, that by some unknown means have become disassociated here and there, and these innumerable infinitesimal particles of electrified particles constitute (by the forces they exert and the disturbances they originate) the substratum of what our senses term as matter, and by nature splitting matter the energy of the universe is born.

Matter is susceptible to motion. Ether is susceptible to stress. All atoms appertain either to matter or energy, and continually pass from one to the other, thus producing kinetic energy. There at its very foundation matter consists of electrical charges which govern the very motion of celestial bodies . . . i. e.,

state of the body. The process of electrifying a conductor is therefore the storing of energy in some way in, or around, the conductor in some medium. The work is spent in altering the state of the medium, and when the body is discharged the medium returns to its original state, and the store of energy is involved. Similarly a supply of energy is required to maintain an electric current, and the phenomena arising from the current are manifestations of the presence of this energy in the medium around the circuit. Formerly an electrified body was supposed to have something called electricity residing upon it which caused the electrical phenomena, and an electric current was regarded as a flow of electricity travelling along the wire, while the energy which appeared at any part of the circuit (if considered at all) was supposed to have been conveyed along the wire by the current. The existence of induction, however, and electromagnetic actions between bodies situated at a distance from each other, lead us to look upon the medium around the conductors as playing a very important part in the development of the phenomena. It is, in fact, the storehouse of the energy.

Upon this basis Maxwell founded his theory of electricity and magnetism, and determined the distribution of the energy in the various parts of the field in terms of the electric and magnetic forces. The ether around an electrified body is charged with energy, and the electrical phenomena are manifestations of this energy, and not of an imaginary electric fluid distributed over the conductor. When we speak of the charge of an electrified conductor we refer to the charge of energy in the ether around it, and when we talk of the electric flow or current in a circuit we refer to the only flow we know of, viz., the flow of energy through the electric field into the wire.

Now consider the case of a body charged alternately, positively and negatively, in rapid succession. The positive charge means a positive polarisation of the ether, which begins at the conductor and travels out through space. When the body is discharged the ether is once more set free and resumes its former condition. The negative charge now entails a modification of the ether or polarisation in the opposite sense. The result of alternate charges of opposite sign is that the ether at any point becomes polarised alternately in opposite directions while waves of opposite polarisations are propagated through space, each carrying energy derived from the source or agent supplying the electrification. Here, then, we have a periodic disturbance of some kind occurring at each point, accompanied by waves of energy travelling outwards from the conductor.

The phenomena of interference lead to the conclusion that light is the result of a periodic disturbance, or vibration, of the ether, but as to the nature of the vibration—that is, as to the exact nature of the periodic change—or what it is that changes, we possess no knowledge. From the foregoing we see that alternating electric charges are accompanied by corresponding changes of state, or vibrations, and if the charge be varied periodically and with sufficient rapidity, we have a vibration at each point analogous to, and perhaps identical with, that which occurs in propagation of light and of other vibrations higher than the gamma rays and beyond.