

NOV 16 1955

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AIR POLLUTION FOUNDATION

704 SOUTH SPRING STREET
LOS ANGELES 14, CALIFORNIA
Tel.: MADison 6-9441

November 15, 1955

LAUREN B. HITCHCOCK
President and Managing Director

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LEONARD K. FIRESTONE

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W. L. FAITH
*Vice President and
Chief Engineer*

GERALD G. KELLY
*Secretary of the
Foundation*

Dr. Lee A. DuBridge, President
California Institute of Technology
1201 East California Street
Pasadena 4, California

Dear Lee:

At our Annual Meeting of November 10, 1955, you were re-elected as a member of the Board of Trustees for a period of three years. While in one sense this may seem to be a mere formality, I wanted to tell you that your continued support and leadership in the work of this Foundation and its policy making means much to me and my associates on the Foundation staff. The wisdom of the undertaking upon which this Foundation embarked is becoming more and more apparent. Your willingness to participate in this very important public service, along with your eminent fellow trustees, adds greatly to our effectiveness in this community.

As I mentioned at the Annual Meeting, our work can progress more rapidly in proportion to the funds made available to us. Even though we believe we are making the very best use of the money we have so far, essential steps toward the solution are presently being delayed because of lack of funds. It was the sense of the trustees at the meeting that additional funds should be looked for, both in the form of increases from some of our present contributors, as well as from several important industrial groups which have not yet contributed. The Finance Committee has been asked to recommend what they would consider an appropriate percentage increase.

On behalf of the Finance Committee and the Foundation, your continued help and influence is sought, especially in connection with the continued financing campaign. Your advice and suggestions will be most welcome.

Sincerely yours,



L. B. Hitchcock

LBH:mek

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GERALD G. KELLY
*Secretary of the
Foundation*

Dr. Lee A. DuBridge, President
California Institute of Technology
1201 E. California Street
Pasadena 4, California

Dear Lee:

I am very happy that you were elected chairman and have agreed to serve for the coming year. I have sent a letter similar to the enclosed to the other trustees who were re-elected.

I am also enclosing for your possible approval and signature, letters to the committee chairmen confirming appointment by you with such suggestions or comments with respect to membership on their committees as seem to be in order. Copies are also going to the secretary's office, Mr. Gerald G. Kelly.

With respect to the possibility of help from the national foundations, we will shortly be sending letters and supporting data to Ford, Rockefeller, Sloan, and Research Corporation. I have never heard any word from Dr. Weaver indicating that they might not help us, although I think you said you had received some such indication from him. If you think it pointless to do so I shall not apply to Rockefeller. Ray Allen, in a meeting with Dyke Brown of Ford after my visit in New York, had the feeling that Ford was quite interested in our work. I would like to go over our letter to Mr. Gaither with you before sending it.

Please let me know if there are any other things you would like me to do in the immediate future with respect to Foundation matters in general.

Everyone was very pleased with your summation last

AIR POLLUTION FOUNDATION

Dr. Lee A. DuBridge

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November 15, 1955

Thursday, and I am glad to hear that the State Chamber is planning to publish a brochure consisting principally of your summary.

Congratulations also on the fine annual report of CIT!

With best personal regards,

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Lawer", written in dark ink.

L. B. Hitchcock

LBH:mek
Enclosures

November 16, 1955

Mr. F. M. Banks, President
Southern California Gas Company
810 South Flower Street
Los Angeles 14, California

Dear Marion:

Following my election as the new Chairman of the Board of Trustees at the Annual Meeting on November 10, 1955, I re-appointed you as Chairman of the Public Information Committee of the board, with the understanding that you were prepared to continue in this capacity if requested. The purpose of this letter, therefore, is both to confirm this appointment and to express my personal thanks for your willingness to continue. The Foundation's staff in its efforts toward public education often encounters policy questions where your counsel is most valuable to them.

The membership of your committee has recently included the following:

Arnold O. Beckman
Walter Braunschweiger
Roy Hagen
Fred Ortman

Should you wish to invite these men to continue on the Public Information Committee with you, or to make replacements or additions, appropriate letters will be prepared for your signature by Lauren Hitchcock, if you will send him a copy of your reply to me.

With many thanks for your help, I am,

Sincerely yours,

LAD:mek

cc: Gerald G. Kelly, Secretary
bc: L. B. Hitchcock

L. A. DuBridge

December 5, 1955

Mr. F. M. Banks, President
Southern California Gas Company
810 South Flower Street
Los Angeles 14, California

Dear Mr. Banks:

I am glad to hear that you are willing to serve on the Research Committee of the Board of Trustees for the coming year. This letter is by way of confirmation of your appointment. Dr. Allen, as chairman of the committee, joins me in expressing our appreciation for your help on this important committee.

With the Technical Advisory Committee now functioning actively, its views should be of material assistance to us.

With many thanks,

Sincerely yours,

LAD:mek

L. A. DuBridge

cc: R. B. Allen
L. B. Hitchcock

AIR POLLUTION FOUNDATION

704 SOUTH SPRING STREET
LOS ANGELES 14, CALIFORNIA

Tel.: MADison 6-9441

February 6, 1956

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President and Managing Director

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W. L. FAITH
*Vice President and
Chief Engineer*

GERALD G. KELLY
*Secretary of the
Foundation*

PERSONAL & CONFIDENTIAL

Dr. Lee A. DuBridg, President
California Institute of Technology
1201 East California Street
Pasadena 4, California

Dear Lee:

I considered calling you at the Statler after our luncheon meeting with Franklin Lindsay in order that you might know what direction his thoughts were taking before your meeting with Gaither. But, since Lindsay emphasized that his questions were completely unofficial and without benefit of consultation with associates, I thought it might be better to let his views come directly to Mr. Gaither in case he makes a report.

It was interesting that Lindsay's first reactions seemed to be along the lines of exploring the possibilities of setting up a "survey team" which might assess the air pollution problem in several large cities. In his "thinking out loud" he mentioned that this team might initiate such surveys in one or more cities at about the same time; that the cities (or other jurisdictions) ought to put up an amount of money comparable to what "we" put up; that Ford felt it was essential to have local support, else little interest would be taken by the communities in the results. When he asked for some indication of what "our" part of such a program might cost, I was very reluctant to hazard a guess and said that many local factors could influence this largely up or down but that perhaps an average figure of \$500,000 per city was not unlikely. He seemed to think that any such cost would not appeal to their board.

Pursuing the "survey team" idea, I suggested that a team of ten professional technical persons could properly manage the preliminary exploratory and qualitative type of survey Lindsay

AIR POLLUTION FOUNDATION

PERSONAL &
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Dr. Lee A. DuBridge

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February 6, 1956

mentioned repeatedly and that nationwide statistics supported a round figure of about \$25,000 per year per professional person to cover direct salaries and direct expenses, but exclusive of equipment. He agreed that this was a good estimate. He then said that should such a plan materialize, it would seem only proper for the cities themselves to provide whatever equipment was required in their own communities.

He referred to some studies they are making, or planning, of other metropolitan problems, and that they might add air pollution to the program. Here he was thinking of studies of four or five cities, the results to be "models" for other cities.

Toward the end of our luncheon meeting, I touched lightly on the "air resource environmental test facility" (Operation Big Chamber), pointing out the value it would have in elucidating smog-forming conditions on basic problems for many cities and that such a facility would, therefore, have national value. I told him that we had this pretty well worked out on paper and that it looked like a capital investment of \$300,000 or \$400,000, and probably something like \$250,000 a year for operating thereafter. This idea also seemed to interest him somewhat.

If he has thoughts of doing anything at all, my guess is it might be exploring with several cities their interest in sharing the services of a survey team. He seemed to feel that most of the officials would be likely to welcome such an obvious "bargain" and that if such a team were set up, it could represent marked economies to any one or more of these cities in getting the job done.

The only other ray of light I got out of this occasion was when Lindsay volunteered the comment that while The Ford Foundation had not done much about helping scientific research, one recent exception was the aid to the Nils Bohr and it was conceivable that The Ford Foundation might be willing to consider supporting other scientific research. Taken with one or two comments he made during the morning session, we got the impression that a more technical approach could be of interest.

Unless you have some other clues or ideas, my present inclination is to wait for a reasonable time for some indication of interest from them rather than to risk submitting proposals which might seem premature to them right now.

By the way, I had a most interesting and encouraging session with

AIR POLLUTION FOUNDATION

PERSONAL &
CONFIDENTIAL

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February 6, 1956

Gus Kinzel and his associate, Ray W. McNamee at Union Carbide; also with Bill Burkhart, president of Lever Brothers. I think we are going to get some modest contribution from each. Four other corporation visits I had were most friendly and sympathetic but looked like turn downs at this stage. Kinzel suggested an excellent approach to the Manufacturing Chemists' Association, which I shall develop with his assistance.

Sincerely yours,



L. B. Hitchcock

LBH:mek

AUG 30 1956

AIR POLLUTION FOUNDATION

704 SOUTH SPRING STREET
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Tel.: MAdison 6-9441

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President and Managing Director

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August 29, 1956

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W. L. FAITH
*Vice President and
Chief Engineer*

GERALD G. KELLY
*Secretary of the
Foundation*

To the Board of Trustees of the Air Pollution Foundation

Gentlemen:

During the discomfort of the smoggy fall months which lie immediately ahead, certain questions which we had hoped would be disposed of by now (1956) will undoubtedly be asked again.

These questions stem from the vain hope which continues to flourish in the minds of the uninformed that there is some short cut or magic formula for doing away with smog.

These questions all involve "weather modification" — changing our climate or producing better ventilation in the Los Angeles Basin. Every one of them is based on the false assumption that it would be easier, quicker, and cheaper to get rid of smog after it is allowed to form than to keep it from forming in the first place.

One of the less fantastic-sounding questions we will hear repeated this fall is, why not eliminate the inversion layer, or at least punch a hole in it to let the smog through?

I thought you might be interested in some meteorological facts about our inversion layer and some engineering facts about eliminating or piercing it. In this, we have had the advice of Dr. Morris Neiburger, Chairman of the Department of Meteorology, UCLA, and APF consultant.

Inversion is an "upside down" condition of the weather. Normally, as we go up in the air, the temperature becomes about four degrees cooler with every 1000 feet. But on some days the opposite is true; as we rise we suddenly enter a thick layer of air which is WARMER than the air at ground level. This is the inversion layer, which acts as a lid. It keeps the cooler air below it from rising, and thus keeps our pollutants from escaping upward.

What causes this frequent "upside down" condition of our weather? The answer is found in the way air moves over the Pacific Ocean. Most of the time during our warm months, and sometimes during the cooler months, there is a giant area of high atmospheric pressure extending over most of the ocean. (Meteorologists and the weather reporters on TV call it the "Pacific High.") Its center is between Hawaii and the Aleutians.

From its center, the air spins outward in a clockwise spiraling motion. As it revolves in an ever-widening circle, it spreads itself gradually thinner — until air above it sinks down to take its place, particularly at the eastern edge, OVER OUR COAST. The sinking air becomes compressed as it descends and (just as in a tire pump) heated by the compression. When it becomes warmer than the air just above the sea surface, it becomes "the layer of warm air over cooler air" — inversion!

The simplest conceivable way of eliminating the inversion would be to heat all the air from the ground to the top of the inversion layer -- heat it until it is warmer than the air above. Can this be done?

Let's figure the fuel required. Records for a typical morning last September, for example, show: height of inversion base, 1558 feet; height of top, 3460 feet; temperature at base, 57.4°F; temperature at top, 72.7°F.

On this typical morning it would take 1,270,000 tons of fuel oil (burned with 100 per cent efficiency) to produce the amount of heat (energy) needed to dissipate the inversion layer above the Basin. **EVEN IF WE USED CRUDE PETROLEUM ITSELF, IT WOULD TAKE ALL THE CRUDE OIL PROCESSED IN 12 DAYS BY ALL OF THE BASIN'S REFINERIES.**

And how long would the inversion layer stay dispersed? Only so long as we kept adding that amount of heat under it. The moment we stopped burning, in would come a fresh supply of warm air over cooler air -- a new inversion layer. In other words, our expensive operation (even assuming it did not incinerate and/or suffocate everybody and everything in the Basin) would be no more effective than trying to displace the ocean by sticking our finger in it.

What about heating just a hole through the inversion layer then, and letting the smog out that way? Answer: a hole one mile square could be pierced by burning about 800 tons of fuel oil, BUT . . . to cause air to rise through it would necessitate heating that air to the same temperature as that required for elimination of the layer itself. In other words, **THE HEAT REQUIRED WOULD BE THE SAME, WHETHER WE TRIED TO MAKE THE AIR PASS THROUGH A HOLE, OR TO DISPERSE THE ENTIRE LAYER.**

Could the inversion be punctured by building a stack through it? Theoretically, yes -- with a stack 3500 feet high. But the basic fact remains that all the polluted air we hoped to force up through the stack would have to be heated to the temperature of the inversion top. Obviously impossible!

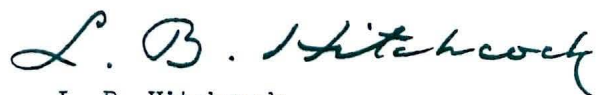
So much for the inversion layer, which accounts for our being unable to get rid of our polluted air vertically. What about moving it out of the Basin horizontally? (Remember: the mass of air in the Basin between sea level and about 500 feet weighs approximately 250 MILLION TONS.)

Blowers or fans? It would take power at a rate greater than 16 million kilowatts to move our air away at 9 miles per hour. This would take the total output of 12 Hoover Dams. . . . Helicopters to create a turbulence? It would take more helicopters than there are in the world, and the fumes from their engines would make the air more polluted than it was to begin with.

Calculations show it is equally impractical to try to eliminate smog by drilling tunnels through our mountains, forcing it through our sewer lines into the ocean, inducing artificial rainfall, reducing solar radiation (sunlight) to stop photochemical reactions, etc.

Knowing that these proposals are infeasible, the Foundation is concentrating on practical and economical methods for reducing smog-forming pollutants at their sources.

Very truly yours,



L. B. Hitchcock

AIR POLLUTION FOUNDATION

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September 19, 1956

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President and Managing Director

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JAMES C. ZEDER

W. L. FAITH
Vice President and
Chief Engineer

GERALD G. KELLY
Secretary of the
Foundation

Dr. Lauren B. Hitchcock
President & Managing Director
Air Pollution Foundation
704 South Spring Street
Los Angeles 14, California

Dear Dr. Hitchcock:

Your request that your resignation as president and managing director be accepted effective November 15, 1956, has been discussed with trustees of the Foundation. I should like to say on their behalf that we accept your resignation with much regret, but in view of the fine job you have done for the Foundation and for this community, we do not wish to stand in your way if you are now convinced that you wish to return to private practice.

During the period of nearly three years in which you have built up a splendid technical and public information organization, and directed it so effectively toward the solution of our smog problem, you have fully justified the confidence which we placed in you. You were called upon to perform a most difficult assignment at a time when Los Angeles was understandably alarmed and when confusion reigned as to the causes of and cures for the smog problem. Many segments of the community held differing views, yet we feel that under your guidance the Foundation has assisted materially in resolving many of these differences, and has helped to focus attention on the major causes, as well as to point the way to the development of practical remedies. The Foundation has done much to restore hope for the ultimate solution of our problem.

We agree with you that the organization is competent to continue this good work, but are reluctant to lose the benefit of your experience and counsel. ~~If your future plans~~

AIR POLLUTION FOUNDATION

Dr. Lauren B. Hitchcock

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will permit you to do so, ~~we should like to retain you as a~~
consultant.

We are indebted to you for your assistance and assure
you that the best wishes of the trustees of the Air Pollution
Foundation go with you in your future work.

Sincerely yours,

LAD:

L. A. DuBridge, Chairman
Board of Trustees

AIR POLLUTION FOUNDATION

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P. G. WINNETT

JAMES C. ZEDER

Dr. L. A. DuBridge, Chairman
Board of Trustees
Air Pollution Foundation

Dear Dr. DuBridge:

When I accepted appointment in January 1954 as president and managing director of the newly formed Air Pollution Foundation, the Board of Trustees asked me to form a competent, scientific, fact-finding organization; to set up an objective and badly needed research program into the causes and probable remedies for the smog problem; and to embark vigorously upon such a program. In conjunction with this scientific program, I was also requested to provide necessary public information and educational services.

I feel that these goals have now been accomplished, and that the staff and programs of the Foundation are now competent and adequate to attain our purposes within our established financial resources. In this very satisfactory development, the Foundation staff has received invaluable assistance from the trustees and various committees of the board, as well as from the Technical Advisory Committee. Various agencies, technical societies, and universities have responded generously whenever called upon, and have done much to further this public-spirited undertaking.

In my judgement, the present organization is now capable of carrying on along the lines that have been established, and will prove to be an increasingly useful instrument in contributing to the solution of the problem we are all seeking.

As you know, I have long been interested primarily in industrial research, and would like to return to private

W. L. FAITH
*Vice President and
Chief Engineer*

GERALD G. KELLY
*Secretary of the
Foundation*

AIR POLLUTION FOUNDATION

Dr. L. A. DuBridge

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September 19, 1956

practice if the trustees feel, as I do, that they have a competent organization which can continue without me. Because of the enjoyable and stimulating associations I have had in Los Angeles, I make this request with reluctance, and shall be glad to assist the Foundation in any way possible when called upon. You may be sure that I shall follow its continued success with the greatest of interest.

If the Board of Trustees can conveniently do so, I would greatly appreciate it if my resignation could be accepted effective November 15, 1956. This would immediately follow the conclusion of our third annual meeting and election of officers for the ensuing year. I know that Dr. W. L. Faith, presently vice president and chief engineer, would make a thoroughly competent manager of the Foundation's affairs, and believing that the trustees share my confidence in him, I respectfully recommend his appointment as my successor at that time.

Sincerely yours,

LBH:mek

L. B. Hitchcock

SEP 20 1956

AIR POLLUTION FOUNDATION

704 SOUTH SPRING STREET
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LAUREN B. HITCHCOCK
President and Managing Director

September 20, 1956

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- JAMES C. ZEDER

- W. L. FAITH
Vice President and
Chief Engineer
- GERALD G. KELLY
Secretary of the
Foundation

PERSONAL

Mr. Asa V. Call, Chairman
Pacific Mutual Life Insurance Company
523 West Sixth Street
Los Angeles 14, California

Dear Mr. Call:

When the trustees established the Employee Retirement Annuity Plan last May, the Foundation paid an advance annual premium of \$5,000 on my policy. When I terminate on November 15, 1956, as an employee of the Foundation, the question arises as to my ability to keep this policy in effect personally after that date. The cash value of the policy as of November 15 will be about \$750. If, in your opinion, I should refund to the Foundation such portion of the prepaid premium as covers the period after November 15, this would require me to refund to the Foundation approximately \$2,500. In other words, what was intended as a benefit would cost me about \$1,750 net loss.

I am raising this question with you at this time so that if you feel that this requires board action, you may raise the question with the board at the special meeting on Monday, September 24, 1956, at 2:30 p. m.

Sincerely yours,
Original signed by
L. B. Hitchcock
L. B. Hitchcock

LBH:mek

cc: L. A. DuBridge

AIR POLLUTION FOUNDATION

September 20, 1956

PERSONAL
MEMORANDUM

To: L. A. DuBridg

From: L. B. Hitchcock

Subject: Press Release

In order that my associates may be accurately informed with respect to your decisions as expressed to me yesterday in connection with the forthcoming announcement of my resignation, I would like to summarize as follows:

1. The release cannot be made until after the special board meeting, but will be made reasonably promptly thereafter. Since the special meeting is scheduled for Monday, September 24, 2:30 p.m., presumably the press release could be dated for release Tuesday morning, September 25.
2. In carrying out the spirit of the resignation, the announcement would be worded as coming from me rather than the trustees, substantially in accordance with the draft of the press release of which you have a copy and which we discussed yesterday.
3. There will be no mention of Dr. Faith in this story and the matter of my successor will be covered by a simple statement to the general effect that the trustees will elect my successor in due course.
4. Your name will replace that of Mr. Call wherever it appears in the press release.

In fairness to the Foundation and to me personally, I feel quite strongly about the importance of handling the proposed press release in this way and have told Larry Faith that you will get in touch with him after the board meeting Monday, authorizing him to proceed in releasing the announcement. Accordingly, he will wait for your instructions. Since you and Mr. Call have already approved the draft of the press release (with the deletion of any reference to Faith), I presume this memorandum is unnecessary, but since I will not be here, I thought this might possibly be helpful to Larry Faith in following through this part of the program upon which we have agreed.

AIR POLLUTION FOUNDATION

PERSONAL
MEMORANDUM

Dr. L. A. DuBridge

-2-

September 20, 1956

I deeply appreciate the sympathetic understanding with which you and Mr. Call have received my suggestions.



LBH:mek

cc: Asa V. Call
W. L. Faith

SEP 26 1956

AIR POLLUTION FOUNDATION

704 SOUTH SPRING STREET
LOS ANGELES 14, CALIFORNIA

Tel.: MADison 6-9441

September 24, 1956

LAUREN B. HITCHCOCK
President and Managing Director

TRUSTEES

RAYMOND B. ALLEN
Chairman

ARNOLD O. BECKMAN
Vice-Chairman

JAMES E. SHELTON
Treasurer

J. L. ATWOOD

F. M. BANKS

GARNER A. BECKETT

MILO W. BEKINS

WALTER BRAUNSCHEWIGER

ASA V. CALL

EDWARD W. CARTER

LEE A. DuBRIDGE

J. HOWARD EDGERTON

FRED D. FAGG, JR.

LEONARD K. FIRESTONE

Y. FRANK FREEMAN

A. J. GOCK

BEN P. GRIFFITH

ROY M. HAGEN

CHARLES F. KETTERING

H. C. McCLELLAN

JOHN A. McCONE

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WILLIAM C. MULLENDORE

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FRED B. ORTMAN

ALDEN G. ROACH

STEPHEN W. ROYCE

D. J. RUSSELL

J. PHILIP SAMPSON

REESE H. TAYLOR

FORD J. TWAITS

P. G. WINNETT

JAMES C. ZEDER

W. L. FAITH
Vice President and
Chief Engineer

GERALD G. KELLY
Secretary of the
Foundation

Dr. L. A. DuBridge, Chairman
Board of Trustees
Air Pollution Foundation
1201 East California Street
Pasadena 4, California

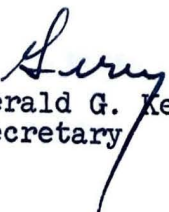
Dear Dr. DuBridge:

Enclosed are:

1. Executed carbon copy of Dr. Hitchcock's letter of resignation, dated September 19, 1956, which he has authorized me to deliver to you.
2. The original of the letter of acceptance which is to be executed by you and which constitutes the basis of the press release.
3. The original of a letter to be signed by you wherein the Air Pollution Foundation agrees to pay Dr. Hitchcock \$50,000 as separation compensation. In this particular, you may wish to refer to your Finance Committee the method of establishing an appropriate reserve fund.

We shall be happy to prepare the employment contract for Dr. Faith when you and the executive committee have agreed upon the final terms.

Very truly yours,


Gerald G. Kelly
Secretary

GGK:1sh
Encls.

AIR POLLUTION FOUNDATION

kirby

draft - press release

Dr. Lauren B. Hitchcock announced today he will resign as president and managing director of the Air Pollution Foundation next Nov. 15 to return to private practice as a management consultant in industrial research and development.

~~He said that at the request of the Board of Trustees, he will continue serving the Foundation for the next two years, however, in a consulting capacity.~~

In asking to be relieved as head of the independent Foundation, Hitchcock reminded the trustees that he had "long been interested primarily in industrial research" and had left a private practice in New York City in January 1954, to come here at the invitation of the trustees and organize the newly formed Foundation.

"In my judgement," he wrote in a letter to Asa V. Call, chairman of the Foundation executive committee, "the present organization is now capable of carrying on along the lines that have been established, and will prove to be an increasingly useful instrument in contributing to the solution of the smog problem."

Call said the trustees had decided to accept the resignation "with much regret," adding in a letter to Hitchcock that "in view of the fine job you have done for the Foundation and for this community, we do not wish to stand in your way if you are now convinced that you wish to return to private practice."

(MORE)

AIR POLLUTION FOUNDATION

Hitchcock recalled that his assignment had been "to form a competent, scientific, fact-finding organization, to set up an objective and badly needed research program into the causes and probably remedies for the smog problem, to embark vigorously upon such a program, and to provide necessary public information and educational services."

He explained:

"I feel that these goals have now been accomplished, and that the staff and programs of the Foundation are now competent and adequate to attain our purposes.

"I would like now to return to private practice if the trustees feel, as I do, that they have a competent organization which can continue without me."

The Foundation was incorporated late in 1953 by industrial, business, and educational leaders of Southern California as a nonprofit, scientific research organization. Early in 1954 the Foundation began operations, conducting the first aerometric survey in the history of air pollution and launching scores of basic research projects. In order to conserve both time and money, the Foundation has carried out its varied research programs in the best equipped laboratories throughout the nation under specific contracts for specific jobs, rather than building expensive facilities of its own.

Call pointed out that Hitchcock had been "called upon to perform a most difficult assignment at a time when Los Angeles was understandably alarmed and when confusion reigned as to the causes of, and cures for, the smog problem.

He said that under Hitchcock's guidance, the privately supported

(MORE)

AIR POLLUTION FOUNDATION

Foundation "has assisted materially in resolving many of these differences, and has helped to focus attention on the major causes, as well as to point the way to the development of practical remedies. "

Before coming to Los Angeles, Hitchcock had spent more than 30 years as a chemical engineer, professor, research administrator, and business executive. He had served in executive and administrative capacities in industrial research and development with the Hooker Electrochemical Company, The Quaker Oats Company, and the National Dairy Products Corporation.

He is the author of 31 technical publications, including important work in hydrocarbon chemistry.

In requesting permission to resign effective Nov. 15, Hitchcock pointed out that the Board of Trustees will hold its annual meeting on November 14, at which time he will present his third annual president's report.

He recommended that the trustees at the same meeting appoint Dr. W. L. Faith, vice president and chief engineer of the Foundation, as his successor.

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PRESS RELEASE

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Dr. Lauren B. Hitchcock announced late this afternoon for the smog problem, to embark vigorously upon such a program, and to (Monday, September 24) that he will resign as president and managing provide necessary public information and educational services," director of the Air Pollution Foundation next November 15 to return to

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DuBridge said that a successor to Dr. Hitchcock will be selected returned as to the causes of, and cures for, the smog problem." by the trustees at a later date.

(3) (MORE)

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Before coming to Los Angeles, Hitchcock had spent more than 30 years as a chemical engineer, professor, research administrator, and business executive. He explained:

"I feel that these goals have now been accomplished, and that the staff and programs of the Foundation are now competent and adequate to attain our purposes."

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(MORE)

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Before coming to Los Angeles, Hitchcock had spent more than 30 years as a chemical engineer, professor, research administrator, and business executive. He had served in executive and administrative capacities in industrial research and development with the Hooker Electrochemical Company, The Quaker^Y Oaks_I Company, and the National Dairy Products Corporation.

He is the author of 31 technical publications, including important work in hydrocarbon chemistry.

In requesting permission to resign effective November 15, Hitchcock pointed out that the Board of Trustees will hold its annual meeting on November 14, at which time he will present his third annual president's report.

###

September 24, 1956

Dr. Lauren B. Hitchcock
President & Managing Director
Air Pollution Foundation
704 South Spring Street
Los Angeles 14, California

Dear Dr. Hitchcock:

The Board of Trustees of the Air Pollution Foundation by action on September 24, 1956, terminated your employment as President and Managing Director of the Foundation. Such termination is effective November 15, 1956. In accordance with your employment contract with the Air Pollution Foundation, dated February 1, 1954 (copy attached hereto), paragraph 6 thereof, the Board of Trustees of the Air Pollution Foundation agrees to pay you the sum of \$50,000.00 as separation compensation. This sum will be paid to you in ten (10) equal semi-annual installments in the amount of \$5,000.00 each. The first installment will be paid on May 15, 1957. The Foundation further agrees to establish a reserve fund with appropriate administrative authority so that continuity and completion of such monthly installments are assured.

AIR POLLUTION FOUNDATION

By

L. A. DuBridge, Chairman
Board of Trustees

ACCEPTED:

Lauren B. Hitchcock

(date)

Los Angeles, California
February 1, 1954

Dr. Lauren Blakely Hitchcock
Los Angeles
California

Dear Dr. Hitchcock:

This letter, when accepted by you, will constitute a contract for your employment by the Southern California Air Pollution Foundation, as its President, as follows:

1. The term of your employment commenced February 1, 1954, and will continue until January 31, 1959, unless sooner terminated as stated below (see paragraph 6).

2. During the term of your employment you will render your exclusive services to the Foundation, as its President. In performing your services you shall be subject only to the direction and control of our Board of Trustees. It is understood that although your work shall always be of an executive nature, your precise duties shall be as determined from time to time by the Board of Trustees.

3. As payment in full for your services you shall receive from the Foundation a salary of \$50,000 per year, payable semi-monthly.

4. During the continuance of your employment you will be entitled to a reasonable annual vacation, with compensation, to be taken at such time or times as you may see fit, having due regard to the best interests of the Foundation.

5. You shall be reimbursed for your reasonable expenses incurred in necessary travel on behalf of the Foundation, and the Foundation shall pay your reasonable moving expenses from New York to Los Angeles.

6. The Foundation may not continue its activities for the full five year term of this contract. A solution to the smog problem in Los Angeles County may be reached earlier, or the activities of the Foundation may be curtailed by lack of funds. In addition, the Board of Trustees may desire to terminate your employment for some other reason, or for no reason. Accordingly, it is mutually agreed that at any time after January 31, 1955, the Board of Trustees of the Foundation may terminate your employment. This contract shall thereupon cease and the Foundation shall pay you \$50,000 as separation compensation.

7. At your request the Foundation will consider the acquisition of an annuity for you in part payment of your salary. Should it be mutually agreed at a later date to acquire an annuity for you, an appropriate adjustment will be made in your salary.

If the foregoing meets with your approval, please indicate your acceptance on the enclosed copy in the space provided.

Yours very truly,

ACCEPTED: February ____, 1954

(Lauren Blakely Hitchcock)

SOUTHERN CALIFORNIA AIR POLLUTION
FOUNDATION

By /s/ Fred D. Page, Jr.

Chairman of the Board

L B H personal

Los Angeles, California
February 1, 1954

Dr. Lauren Halsey Hitchcock
Los Angeles
California

Dear Dr. Hitchcock:

This letter, when accepted by you, will constitute a contract for your employment by the Southern California Air Pollution Foundation, as its President, as follows:

1. The term of your employment commenced February 1, 1954, and will continue until January 31, 1959, unless sooner terminated as stated below (see paragraph 6).
2. During the term of your employment you will render **your** exclusive services to the Foundation, as its President. In performing your services you shall be subject only to the direction and control of our Board of Trustees. It is understood that although your work shall always be of an executive nature, your precise duties shall be as determined from time to time by the Board of Trustees.
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Dr. Lauren Flakely Hitchcock

February 1, 1954

Page Two -

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If the foregoing meets with your approval, please indicate your acceptance on the enclosed copy in the space provided.

Yours very truly,

SOUTHERN CALIFORNIA AIR POLLUTION
FOUNDATION

By Lauren Flakely Hitchcock
Chairman of the Board

Accepted
Feb 27, 1954

L. B. H.

September 24, 1956

Dr. Lauren B. Hitchcock
President & Managing Director
Air Pollution Foundation
704 South Spring Street
Los Angeles 14, California

Dear Dr. Hitchcock:

Your request that your resignation as president and managing director be accepted effective November 15, 1956, has been discussed with trustees of the Foundation. I should like to say on their behalf that we accept your resignation with much regret, but in view of the fine job you have done for the Foundation and for this community, we do not wish to stand in your way if you are now convinced that you wish to return to private practice.

During the period of nearly three years in which you have built up a splendid technical and public information organization, and directed it so effectively toward the solution of our smog problem, you have fully justified the confidence which we placed in you. You were called upon to perform a most difficult assignment at a time when Los Angeles was understandably alarmed and when confusion reigned as to the causes of and cures for the smog problem. Many segments of the community held differing views, yet we feel that under your guidance the Foundation has assisted materially in resolving many of these differences, and has helped to focus attention on the major causes, as well as to point the way to the development of practical remedies. The Foundation has done much to restore hope for the ultimate solution of our problem.

We agree with you that the organization is competent to continue this good work, but are reluctant

SEP 28 1956

Dr. Lauren B. Hitchcock
September 24, 1956
Page 2

to lose the benefit of your experience and counsel.

We are indebted to you for your assistance and assure you that the best wishes of the trustees of the Air Pollution Foundation go with you in your future work.

Sincerely yours,

L. A. DuBridge, Chairman
Board of Trustees

SEP 28 1956

AIR POLLUTION FOUNDATION

704 SOUTH SPRING STREET
LOS ANGELES 14, CALIFORNIA
Tel.: MADison 6-9441

W. L. FAITH
Vice President and Chief Engineer

TRUSTEES

LEE A. DuBRIDGE
Chairman
WALTER BRAUNSCHEWEIGER
Vice-Chairman
JAMES E. SHELTON
Treasurer
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F. M. BANKS
GARNER A. BECKETT
ARNOLD O. BECKMAN
ASA V. CALL
EDWARD W. CARTER
TERRELL C. DRINKWATER
J. HOWARD EDGERTON
FRED D. FAGG, JR.
LEONARD K. FIRESTONE
Y. FRANK FREEMAN
A. J. GOCK
BEN P. GRIFFITH
ROY M. HAGEN
CHARLES F. KETTERING
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J. PHILIP SAMPSON
REESE H. TAYLOR
FORD J. TWAITS
P. G. WINNETT
JAMES C. ZEDER

LAUREN B. HITCHCOCK
President and
Managing Director
GERALD G. KELLY
Secretary of the
Foundation

September 27, 1956


Dr. Lee A. DuBridge, President
California Institute of Technology
1201 E. California Street
Pasadena 4, California

Dear Dr. DuBridge:

I am returning the letter that General George of Ramo-Wooldridge sent you on September 20, because I believe that it would be a good idea if you would talk with General George again to determine the size of contribution which he believes would be a fair one for his company to make.

Our selection of a \$2,475 minimum for Ramo-Wooldridge is based upon what we know about the company. It is quite possible that other factors of which we have no knowledge are such that a smaller contribution would be acceptable. Even if we could get as little as \$1,000 from him, it would be worth a phone call.

Sincerely yours,


W. L. Faith

WLF:g
Enc.

OCT 3 - 1956

MUSICK PETERSON & GARRETT

October 1, 1956

Mr. Asa Call
Pacific Mutual Life Insurance Company
528 West Sixth Street
Los Angeles 55, California

Dear Asa:

At my request, Dr. Faith has drafted a proposed letter of appointment of him as director of the Air Pollution Foundation. The general terms were discussed in conversation, but the specific drafting of the letter was done by Dr. Faith.

I should appreciate it if you would examine this letter and give me any comments which may occur to you. I have the original copy which I will retain and sign when and if we obtain approval of the other members of the Executive Committee.

Sincerely,

L. A. DuBridge

Very truly yours,

Enclosure

Gerald S. Kelly
Gerald S. Kelly

LAD:il

December 10, 1956

Mr. Clark Galloway, Manager
Southern California District
California State Chamber of Commerce
1000 Wilshire Boulevard
Los Angeles 17, California

Dear Mr. Galloway:

I am returning the transcript of my remarks at the air pollution symposium with a few minor corrections or improvements noted in pencil. I must congratulate the secretary who transcribed this material from the tape, for it is in far better shape than normal tape transcriptions usually are.

Unfortunately, I did not reduce my introduction of Lauren Hitchcock to writing and indeed I did not even have any notes. I have tried to reconstruct on the attached sheet, however, a brief digest of my introductory statement. I hope this will serve your purpose.

Very truly yours,

L. A. DuBridge

Enclosures - 2

LAD:il

Introduction of Dr. Lauren B. Hitchcock
by L. A. DuBridge
Air Pollution Symposium
November 14, 1956

Two and a half years ago the Air Pollution Foundation was organized as a private, nonprofit corporation to carry on research and development work aimed at the efficient and prompt reduction of air pollution in the Los Angeles area. This Foundation searched the country to find the proper man competent to head this organization. We sought a man with practical experience in industrial research and with a history of administrative ability. We found him in New York and were fortunate to have persuaded him to come to Los Angeles.

During these past two years he has built the Air Pollution Foundation into a top-notch operating organization. He has attracted first-rate members of the staff. He has initiated a comprehensive program of research and, as a result, the work of the Foundation has added greatly to our understanding of the Los Angeles smog problem.

It is a matter of great regret that Dr. Hitchcock is terminating his service with the Foundation to return to industrial research. The people of the Los Angeles area will always owe him, however, a great debt of gratitude for the important contribution he has made to our most difficult problem. I take pleasure in presenting to you the President and Managing Director of the Air Pollution Foundation, Dr. Lauren B. Hitchcock.