

Originally Processed With FOIA(s):
2005-0336-F

FOIA Number:
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Series: Bromley, D. Allan, Files
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OA/ID Number: 62044
Folder ID Number: 62044-008

Folder Title:
Physical Sciences - KAON [1990]

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"CORRESPONDENCE TRACKING"

TYPE: Information

DOCUMENT NUMBER: 9020059

FROM: ERICH W. VOGT
TRIUMF

TO: BROMLEY

DATE OF
CORRESPONDENCE: 01/05/90

SUBJECT: ENCLOSING COPIES OF LETTERS RECIEVED FRON FRANCE ON
THE SUBJECT OF KOAN AND THE NSAC LONG RANGE PLAN.

ASSIGNED TO:

ACTION REQUIRED: NONE

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED: 01/10/90

COPIES TO: D. Allan Bromley

REMARKS:

DATE RECEIVED: 01/09/90

FILE: NEOB

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TRIUMF

UNDER A CONTRIBUTION FROM THE
NATIONAL RESEARCH COUNCIL OF CANADA

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TRIUMF FAX (604) 222-1074

DATE: January 5, 1990

TO: Dr. D.A. Bromley, Director, Office of Science & Technology

INSTITUTE/COMPANY
UNIVERSITY:

Executive Office of the President

FAX NUMBER:

395
1-202-456-3261

FROM:

Dr. Erich W. Vogt, Director of TRIUMF

TOTAL NUMBER OF PAGES: 5 (INCLUDING COVER PAGE)

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EXTENSION #524.

ACCT. TO BE CHARGED: 1010 - MRO

MESSAGE:

Dea Allan:

All the best for 1990! Attached are the comfort letters to Canada from France and Italy plus an English translation of the letter from France. We expect shortly a similar letter from Japan and an even stronger letter from Germany. You said you might again contact Jim Decker about the nature of the U.S. response and, in particular, about including in it a statement of the intent to include the support as a line item in the submission for the '92 budget.

The U.S. can, of course, also comment on the strength of support for KAON in the new NSAC Long Range Plan.

All the best.

Erich Vogt

EWV/sa

CENTRE NATIONAL DE LA RECHERCHE



Institut National de Physique Nucléaire
et de Physique des Particules



Institut de Recherches Fondamentales

Paris, le 20 décembre 1989

Docteur John ELLIOTT
KAON/Consultations Internationales
a/s Industrie, Sciences et
Technologie Canada
716E, 7ième étage Ouest
240, rue Sparks
Ottawa (Ontario)
K1A 1A1

DIRECTOR'S OFFICE

L'équipe de consultations internationales que vous avez constituée nous a exposé, lors de sa venue en France les 24 avril et 17 novembre 1989, quelle est la conception de l'usine à kaons projetée à Triumph. Nous souhaitons par cette lettre vous faire part des conditions dans lesquelles ce projet est reçu par la communauté française de physique nucléaire et de physique des particules.

Le projet présente à l'évidence un grand intérêt scientifique, qui nous paraît justifier pleinement l'hypothèse que le Canada trouve auprès des partenaires intéressés, des contributions représentant le tiers des coûts totaux de construction. Pour notre part, nous estimons qu'en son état actuel, de l'ordre de vingt physiciens en France seraient susceptibles de faire des propositions et de venir travailler sur une usine à kaons établie en Colombie britannique.

Cependant, ce chiffre demeure étroitement dépendant des prochaines décisions qui devront être prises tant en France qu'en Europe à propos des instruments dont disposeront les physiciens pour la décennie à venir, aussi bien en physique nucléaire qu'en physique des particules (construction d'une machine à électrons, d'une usine à tau, de LHC au Cern...).

Cette situation nous place donc dans l'impossibilité de fixer aujourd'hui, ce que pourrait être la nature et le volume de la participation française au projet canadien. Nous escomptons toutefois que ces incertitudes soient levées durant la prochaine année.

De la même façon, une décision ferme du Canada dans le même délai, de réaliser l'usine de Triumph, serait évidemment de nature à modifier la position des physiciens français, et à y rallier une communauté plus importante.

Quoiqu'il en soit, il faut considérer comme acquis dès à présent, que toute participation de physiciens français comportera une contribution financière de la France au niveau approprié. Le récent accord conclu entre Triumph et le laboratoire Saturne doit, de ce point de vue, être apprécié comme la première étape d'une évolution qui placera la France au niveau de l'engagement de ses physiciens.

Nous souhaitons enfin rappeler que les liens très particuliers qui unissent le Canada et la France, nous semblent un gage important de notre coopération au projet d'usine à kaons.

Le Directeur de l'Institut
de recherches Fondamentales
du Commissariat à l'Energie Atomique



Daniel Cribier

Le Directeur de l'Institut National
de Physique Nucléaire et de Physique
des Particules du C.N.R.S.



Pierre Lehmann



Letter dated Dec. 20/89 to Dr. John Elliott
from Daniel Cribier and Pierre Lehmann

The team for international consultation which you chair, told us, during its visits in France on the 24th of April and 17th of November 1989, about the plans for the KAON factory at TRIUMF - We would like to explain by this letter the conditions which pertain to the perception of this project in the French community of nuclear and particle physicists.

Evidently this project is of great scientific interest which clearly justifies the hypothesis that Canada could obtain from interested partners, contributions amounting to one third of the total construction costs. On our side, we are estimating that, under the present conditions, about twenty physicists in France could generate proposals and work at a KAON Factory built in British Columbia.

However, this number will be strongly affected by decisions in the near future which will be taken in France and in Europe regarding facilities which will be offered to physicists for the decade to come, in nuclear physics as well as in particle physics (electron accelerator, τ factory, LHC at Cern.....)

This situation doesn't permit us to establish today the nature nor the amount of a French contribution to the Canadian project. However, we anticipate that these uncertainties will be removed during next year.

Similarly, a firm decision by Canada within the same timeframe, to build Kaon at TRIUMF, would definitely affect the present position of French physicists and would rally a more important community behind it.

Nevertheless, you can consider as a firm commitment from us that any participation of French physicists will entail a financial contribution by France at an appropriate level. The recent agreement signed between TRIUMF and the SATURNE laboratory must, from this perspective, be considered as the first stage of an evolution which will position France at a participating level compatible with the commitment of its physicists.

We wish to recall that the privileged relations which links Canada and France seem to us to provide an important "guarantee" of our co-operation in the KAON Factory project.



INSTITUT NATIONAL DE PHYSIQUE NUCLÉAIRE

A. PIRELLA

DR. JOHN ELLIOTT
Chairman
Steering Committee of the
KAON Factory Engineering
Design and Impact Study

ATTENTION of Mr. T. Burke-Smith
Room 714 E, West Tower
240 Sparks Street
OTTAWA
Ontario K1A1A1 (CANADA)

7 DEC. 1989
INPN (Info)
Fusion-400 Construction, 70
tel. 05-01-222 - 05-01-000

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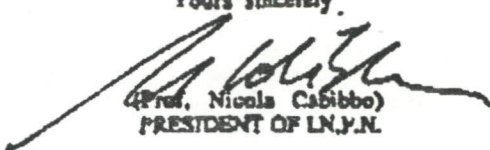
Dear Dr. Elliott,

Following the meeting held in Rome on November 20, 1989, with the Canadian delegation headed by Dr. P.J. Dwyer, I wish hereby to confirm you the present INPN position about the KAON Factory Project.

1. We confirm our opinion that the KAON Factory, if rapidly built, would certainly represent a first class world facility;
2. INPN, therefore, strongly urges Canada to make an early decision to proceed with the construction of KAON;
3. We understand that for KAON to go ahead, Canada needs to anticipate receiving about a third of the total construction costs (about 621 million of Canadian dollars in 1989) from abroad. Consultations by Canada with its potential foreign partners indicate that such a result can be finally achieved;
4. INPN welcomes European participation in KAON at an appropriate level of contribution;
5. When Canada makes its decision to proceed with the construction of KAON, INPN is in principle prepared to be a partner for the European KAON contribution, providing components for KAON construction on a scale commensurate with Italy's developing scientific interest in KAON.

With best regards, I remain

Yours sincerely,


(Prof. Nicola Cabibbo)
PRESIDENT OF INPN

DEC 20 '89 9:09

613 996 7887 PAGE.002

THE WHITE HOUSE

WASHINGTON

February 26, 1990

Dear Erich:

You should have already received the official letter from Jim Decker of the Department of Energy concerning United States participation in KAON. I have talked with Admiral Watkins, Henson Moore, the Deputy Secretary of the Department, and Decker at considerable length on this question. As Decker's letter indicates, there is strong support within the United States nuclear science community for American participation in the project. What is required to initiate that support in a fiscal fashion is a firm commitment on the part of Canada to proceed with the project.

I had lunch this week with Derek Burney, the Canadian Ambassador to the United States, and also met with the group from British Columbia led by Stanley Hagen who is a very enthusiastic and effective supporter of your project.

You deserve nothing but enthusiastic congratulations for the leadership that you have exercised in bringing this very important project to its present state of acceptance within the Canadian national arena. I will also be meeting with Dr. Winegard, your Minister of State for Science and Technology, within the next few weeks. One of the areas he wants to discuss is that of KAON.

Many thanks for sending copies of the letters you have received from France and Italy.

Whenever you next come to Washington, let me know in advance so that we can get together. Perhaps by then, we can celebrate the official start of this major new world class program. Pat joins me in sending you and Barbara our very warmest best wishes.

Sincerely yours,



D. Allan Bromley
Assistant to the President
for
Science and Technology

Professor Erich W. Vogt
Director, TRIUMF
4004 Wesbrook Mall
Vancouver, British Columbia
Canada V6T 2A3

Withdrawal/Redaction Sheet

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01. Memorandum	To: President Bush From: Allan Bromley Re: The Canadian KAON Project (2 pp.)	12/20/90	(b)(1)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: General Science Files
WHORM Cat.:
File Location: Physical Sciences - KAON [1990]

Date Closed: 5/24/2010	OA/ID Number: 62044-008
FOIA/SYS Case #: 2005-0336-F	Appeal Case #:
Re-review Case #:	Appeal Disposition:
P-2/P-5 Review Case #:	Disposition Date:
AR Case #:	MR Case #:
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