

1975

Cables between the Brazilian Embassy in Washington and the Brazilian Foreign Ministry on the Transfer of Nuclear Material

Citation:

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Summary:

A series of correspondence between Brazilian Foreign Ministry and Brazilian Ambassador to the US about the transfer of nuclear material from France to Brazil. Myron Kratzer, Acting Assistant Secretary for Scientific Affairs in the US, expressed his concern over the fact the nuclear material was of American origin.

Credits:

This document was made possible with support from Carnegie Corporation of New York (CCNY)

Original Language:

Portuguese

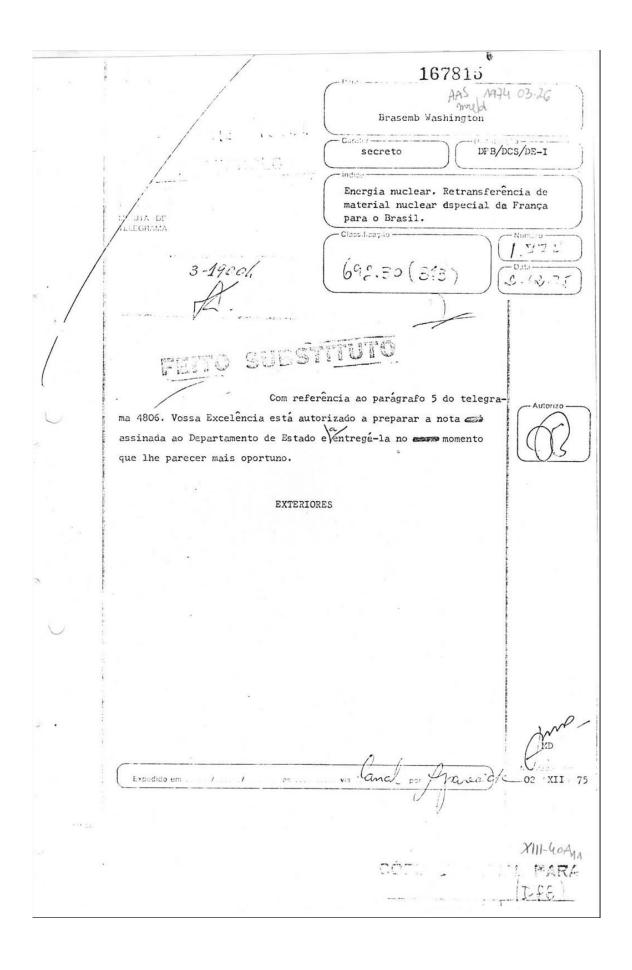
Contents:

Original Scan
Translation - English

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SECRETO-URGENTE
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MATERIAL NUCLEAR ESPECIAL DE ORIGEM
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COM O SENHOR MYRON KRATZER, QUE EH O "ABSISTANT SECRETARY OF STATE" INTERINO PARA ASSUNOS CIENTIFICOS, O QUAL DEVERAH RECEBER-ME NO FIM
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EURATOM, DE MATERIAL NUCLEAR ESPECIAL DE ORIGEM AMERICANA.
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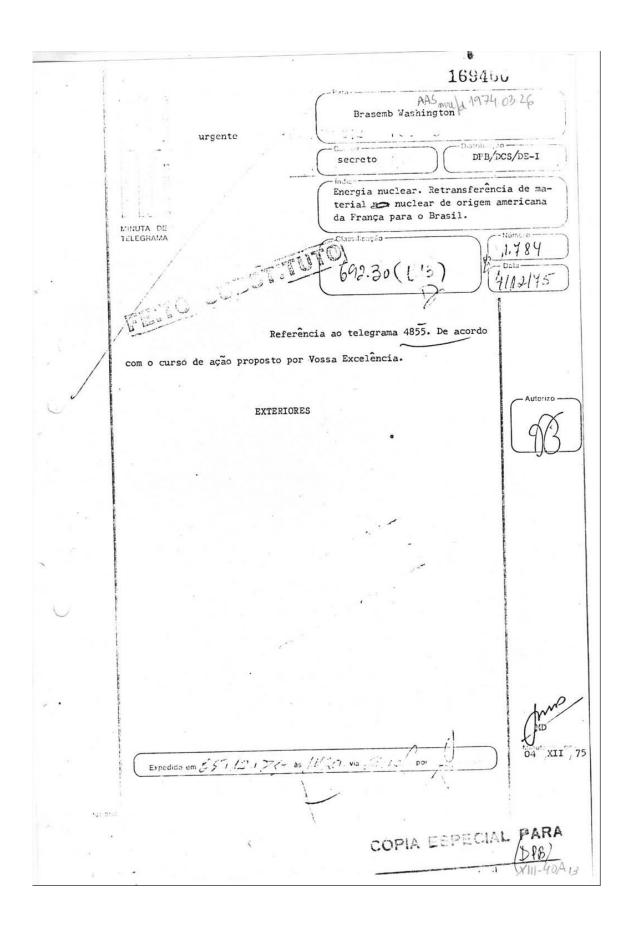
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:	FACTO, KRATZER NAO TENHA SIDO INFORMADO DA DECISAO TOMADA.
•	COMO QUER QUE SEJA, MYRON KRATZER DEU-ME A IMPRESSAO DE CONSIDERAR IRRELEVANTE E ACADEMICA A QUESTAO DE PRECISAR IN- TEIRAMENTE O QUE OCORRERA, JA QUE ESTAMO DI ANTE DE UMA 'POLI- CY'' AMERICANA. QUE SE APLICAPIA EM CHAN DI ANTE DE UMA 'POLI-
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	CIA MAS NUNCA PODERIA SER INTERPRETADO DE MANEIRA A TRANSFORMA- LO EN 'EXIGIVEL' OU 'OBRIGATORIO', EM TERCEIRO LUGAR, KRAT- ZER NAO DESEJAVA ESCONDER-ME PREVALECEREM AGORA CRITERIOS BAS-
	NAL E. EM PARTICULAR. A ESSE TIPO DE TRANSFERENCIA DE MATERIA
)	NOSSA CONVERSA. TEVE KRATZER HMA PALAVEA DE ENCONALIMENTO DE
4	EMBORA SEMPRE SE ABSTIVESSE DE EMITIR UMA NEGATIVA PEDEMOTORIA.
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4	RON KRATZER ME FORNECA OS PROMETIDOS ELEMENTOS ADICIONAIS DE IN- FORMACAO, MAS NAO ESCONDEREI A VOSSA EXCELENCIA QUE O SECRETARIO DE ESTADO ASSISTENTE ME PARECEU DUBIO E EVASIVO, RAZAO PELA QUAL SERIA EU FAVORAVEI AO ENVIO DE UNA NOTA DE LA CUAL
	DE ESTADO. O CUE TAL VEZ VENHA A SED INFALTAMENTO
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DA EMBAIXADA EM WASHINGTON EM 3/12/1975
SECRETO - URGENTISSIMO
DPB/DCS/DIE/DE-I/ ENERGIA NUCLEAR. RETRANSFERENCIA DE MATERIAL NUCLEAR ESPECIAL DE ORIGEM AMERICANA PARA O BRASIL. NOTA AO DEPARTAMENTO DE ESTADO.
4855 - QUARTA-FEIRA - 19:30 HORAS - REFERENCIA AO DES- PACHO-TELEGRAFICO N. 1774. CASO NAO RECEBA, DENTRO DE DOIS DIAS, OS ESCLARECIMENTOS PROMETIDOS POR MYRON KRATZER, EH MINHA INTEN-
CAO PASSAR NOTA AO DEPARTAMENTO DE ESTADO, CUJA PARTE SUBSTANTI- VA SUBMETO A SEGUIR AA APROVACAO DE VOSSA EXCELENCIA: "THE BRAZILIAN EMBASSY RECEIVED FROM THE DELEGATION OF THE
COMMISSION OF THE EUROPEAN COMMUNITIES IN WASHINGTON A LETTER DATED OCTOBER 24, 1975, TRANSMITTING A SET OF MB-10 FORMS
CONCERNING THE APPROVAL FOR RETRANSFER OF SPECIAL NUCLEAR MATERIAL OF UNITED STATES ORIGIN FROM FRANCE TO BRAZIL. THE FORMS HAD BEEN SIGNED BY THE DIRECTOR GENERAL OF THE EURATOM
SUPPLY AGENCY, IN BEHALF OF THE FRENCH ATOMIC ENERGY COMMISSION, ON THE DATE OF CTOBER 17, 1975.
2. THE BRAZILIAN EMBASSY RECEIVED A SECOND LETTER FROM THE DELEGATION OF THE COMMISSION OF THE EUROPEAN COMMUNITIES IN WASHINGTON DATED NOVEMBER 13, 1975, WHEREBY IT IS INDICATED
WASHINGTON DATED NOVEMBER 13, 1975, WHEREBY IT IS INDICATED THAT THE SAID RETRANSFER OF SPECIAL NUCLEAR MATERIAL HAD BEEN POSTPONED FOR ONE YEAR BY THE FRENCH ATOMIC ENERGY COMMISSION, WITHOUT SPECIFYING THE REASONS FOR SUCH A DELAY.
3. SUBSEQUENTLY, THE BRAZILIAN EMBASSY IN PARIS INQUIRED ODF
YEAR POSTPONEMENT, AND LEARNED FROM THE AUTHORITIES IN FRANCE THAT THE EURATOM SUPPLY AGENCY HAD CONSULTED WITH THE UNITED
STATES GOVERNMENT ON THE MATTER PRIOR TO ANY RETRANSFER COULD TAKE PLACE, IN THE TERMS OF A BILATERAL EURATOM - UNITED STATES AGREEMENT ON THE CONTROL OF HIGHLY ENRICHED NUCLEAR FUELS.
THE RESPONSE OF THE UNITED STATES GOVERNMENT WAS THAT THE RETRANSFER COLD NOT BE AUTHORIZED BECAUSE BRAZIL HAD NOT
COMPLIED WITH ALL THE NECESSARY REQUIREMENTS, I.E., THAT THE BRAZILIAN GOVERNMENT HAD NOT PREVIOUSLY ENTERED INTO AN AGREE- MENT WITH THE UNITED STATES GOVERNMENT ON THE CONTROL OF
HIGHLY ENRICHED NUCLEAR FUELS, SIMILAR TO THE ONE WHICH HAD BEEN SIGNED BY EURATOM.
4. AS TO DATE, THERE HAS BEEN NO COMMUNICATION FROM THE UNITED STATES GOVERNMENT TO BRASILIAN AUTHORITIES RELATIVE TO THIS CASE. IT IS THEREFORE IN THE BEST INTEREST OF BOTH THE
COOPERATION BETWEEN THE TWO COUNTRIES THAT THIS MATTER BE PROPER-
LY ELUCIDATED AND THAT THE BRAZILIAN GOVERNMENT RECEIVE THE OFFICIAL CLARIFICATIONS FROM THE UNITED STATES GOVERNMENT ON THE ACTION TAKEN WITH REGARD TO THE REQUEST BY EURATOM.
5. A COPY OF THE TWO LETTERS FROM THE DELEGATION OF THE COMMISSION OF THE EUROPEAN COMMUNITIES IN WASHINGTON ARE ENCLOSED FOR PURPOSES OF INFORMATION AS WELL AS A COPY OF THE
CÓPIA ESPECIAL PARA
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M. NOGL	EACTEUR EXPERIMENTAL FRANCAIS POUR LE BRESIL - BEIRA BATISTA, PRESIDENT DE LA SOCIETE EMPRESAS NUCLEARES	
BRESIL	EN, ET M. REMY CARLE, PRESIDENT DE LA SOCIETE TECHNIQUE	
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DA EMBALXADA EM WASHINGTON EM 5/12/1975 SECRETO DPB/DCS/DE-1/ ENERGIA NUCLEAR. RETRANSFERENCIA DE MATERIAL NUCLEAR DE ORIGEM AMERICANA DA FRANCA PARA O BRASIL.	
SECRETO DPB/DCS/DE-I/ ENERGIA NUCLEAR. RETRANSFERENCIA DE	169901
MATERIAL NUCLEAR DE ORIGEM AMERICANA DA FRANCA PARA O BRASIL.	100001
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4890 - SEXTA-FEIRA - 19:15 HO PACHO-TELEGRAFICO N. 1784. FOI ENTREGUI MENTO DE ESTADO, DE ACORDO COM AS INSTE	E HOJE A NOTA AO DEPARTA-
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DA EMBALXADA EM WASHINGTON EM 15/12/75	
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ENERGIA MUCLEAR. RETRANSFERENCIA DE MATERIAL NUCLEAR ESPECIAL DE ORIGEM ATERICANA DA FRANCA PARA DE OBRASIL.	in the second of the second
4994 - SEGUNDA-FEIRA - 18,30 HORAS - ADITEL 4890 E DEMAIS COMUNI- CACOES SOBRE O ASSUNTO. A EMBAIXADA RECEBEU HOJE, 15 DE DEZEMBRO, A SEGUINTE CARTA DA DELEGAÇÃO DA COMISSÃO DAS COMUNIDADES EUROPEI- AS EM WASHINGTON, DATADA DE 12 DE DEZEMBRO, A PROPOSITO DA RETRANS- FERENCIA DA FRANÇA PARA O BRASIL DE MATERIAL NUCLEAR ESPECIAL DE	Paratuspich Cat at Allectric
ORIGEN AMERICANA: "SUBJECT: TRANSER OF 11.42 KG OF URANIUM 93 O/O ENRICHED FROM FRANCE TO BRAZIL (OUR REF: AG/1068) WITH REFERENCE TO RECENT TELERHONE CONVERSATIONS YOUTHAD WITH THE MEDICEL STREET OF THE WEST SHOULD BE SHOUL	er extracted and a second
TANDING WHICH OCCURRED IN THE PROCESS OF ESTABLISHING ABOVE VER RETRANSFER DOCUMENTS. ON OCTOBER 23, 1975, WE RECEIVED FROM THE EURATOM SUPPLY AGENCY A SET OF MB-10 FORMS COVERING ABOVE RETRANSFER AND INDICATING THAT SHIPMENT OF MATERIAL INVOLVED WAS SCHEDULED TO TAKE PLACE BY THE END OF OCTOBER 1975. WE TRANSMITTED THESE FORMS TO YOU FOR COUNTERSIGNATURE BY BRAZILIAN AUTHORITIES, ON OCTOBER 24,	0.000
1975. ON OCTOBER 31, 1975, DURING AN INFORMAL CONVERSATION WE HAD WITH AN ERDA INTERNATIONAL SECURITY AFFAIRS OFFICIAL, WE LEARNED THAT PRESENTLY BRAZIL DOES NOT HAVE THE U.S. ERDA CLEARANCE FOR "PHY—SICAL PROTECTION" THAT ALL OVERSEAS CONSIGNEES, NEED TO HAVE PRIOR TO RECEIVE RELATIVELY IMPORTANT QUANTITIES OF H¢GHLY ENRICHED URANIUM OR PLUTONIUM OF U.S. ORIGIN. WE ALSO UNDERSTOOD DURING THIS CONVERSATION THAT ERDA WAS NOT PLA—	
NNING ITS ''FAMILIARIZATION VISIT'' TO BRAZIL UNTIL THE END OF CUR-	-
IN VIEW OF THIS SITUATION, WE INFORMED THE CEA (THROUGH THE EU- RATOM SUPPLY AGENCY) THAT TRANSFER SCHEDULED FOR OCTOBER 1975 WOULD NECESSARILY HAVE TO BE POSTPONED.	
ON NOVEMBER 11, 1975, WE RECEIVED FROM CEA (THROUGH EURATOM SUP- PLY AGENCY) NOTIFICATION TO THE EFFECT THAT ABOVE SHIPMENT WOULD TAKE PLACE IN OCTOBER 1976. IT APPEARED THAT OCTOBER 1975 TRANS- FER DATE INDICATED IN THE MB-10 FORM WAS ERRONEOUS. ON NOVEMBER 13, 1975, ME INFORMED YOU OF MEW TRANSFER SCHEDULE AND SUGGESTED THAT THE MB-10 FORMS BE DISREGARDED FOR THE TIME BEING STACE ERDA'S APPROVAL FOR RETRANSFER IS ONLY VALID FOR A 6-MONTH FERIOD.	
IT IS TO BE UNDERLINED THAT, IN ABOVE PROCESS, U.S. AUTHORITIES DID NOT RECEIVE FROM EURATOM A FORMAL REQUEST FOR RETRANSFER?.	10A15
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MATERIAL NUCLEAR ESPECIAL DE ORIGEM
AMERICANA DA FRANCA PARA O BRASIL. NOTA DO DEPARTAMENTO DE ESTADO.
122 - SEGUNDA-FEIRA - 16:00 HORAS - ADITAMENTO AO TE-
LEGRAMA N. 4994, DE 15 DE DEZEMBRO ULTIMO. TRANSCREVO, A SEGUIR. O TEXTO DA NOTA DO DEPARTAMENTO DE ESTADO DATADA DE 8 DE JANEIRO,
DEZEMBRO DE 1975:
"SIR: 1 HAVE RECEIVED THE AMBASSADOR'S NOTE DATED DECEMBER 5.
1975, CONCERNING THE APPROVAL OF RETRANSFER OF SPECIAL NUCLEAR MATERIAL OF UNITED STATES ORIGIN FROM FRANCE TO BRAZIL.
THE DELEGATION OF THE COMMISSION OF THE EUROPEAN COMMUNITIES
INFORMED THE DEPARTMENT OF STATE OF THE SEQUENCE OF EVENTS WHICH LED TO THE CANCELLATION OF THE MB-10 FORM TRAMSITTED VIA YOUR NOTE. THE DE EGATION CANCELLED THE MB-10 FORM WITHOUT OFFICIALLY
SUBMITTING IT TO THE UNITED STATES GOVERNMENT AFTER IT LEARNED
(A) THAT THE FRENCH ATOMIC ENERGY COMMISSION WOULD NOT BE READY FOR RETRANSFER OF THE MATERIAL UNTIL OCTOBER 1976 AND (B) THROUGH
THE UNITED STATES ENERGY REASEARCH AND DEVELOPMENT ADMINISTRATION THAT THE GOVERMENTS OF BRAZIL AND THE UNITED STATES HAD NOT YET
COMPLETED THE REQUIRED PHYSICAL SECURITY CONSULATIONS. THE CONSULTATIONS REFERRED TO BY THE ENERGY REASEARCH AND
DEVELOPMENT ADMINISTRATION ARE DESIGNED TO PROVIDE BOTH PARTIES TO
OUR AGREEMENTS FOR COOPERATION WITH ASSURANCE THAT SPECIAL NUCLEAR MATERIAL OF STRATEGIC IMPORTANCE, INCLUDING HIGHLY ENRICHED
DURANIUM AND PLUTONIUM, TRANSFERRÉD UNDER OUR AGREEMENTS WILL BE ADEQUATELY PROTECTED AGAINST THEFT, SEIZURE, SABOTAGE OR OTHER
ONAUTHORIZED USE. SUCH CONSULTATIONS ARE BEING HELD, AT MUTUALLY
CONVENTENT TIMES, WITH PARTIES TO ALL OF OUR AGREEMENTS FOR COOPERATION WHO RECEIVE MATERIAL OF THIS TYPE. WE UNDERSTAND THAT THE ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION WILL
BE IN CONTACT WITH THE EMBASSY OF BRAZIL IN THE NEAR FUTURE TO
ORGANIZATION OF THE GOVERNMENT OF BRAZIL.
THE ACTING ASSISTANT SECRETARY FOR OCEANS AND INTERNATIONAL
RICHED URANIUM UNDER OUR AGREEMENT FOR COOPERATION IN THE
PEACEFUL USES OF NUCLEAR ENERGY IS DISCRETIONARY, IN VIEW OF
GOVERNMENT IS PREPARED TO CONSIDER THE EXPORT OF THE MATERIAL REQUESTED BY THE GOVERNMENT OF BRAZIL FOR USE IN THE COBRA
REACTOR AND WILL BE IN COMMISSICATION WITH THE COMPONED OF
BRAZIL ON THIS SUBJECT AFTER OUR REVIEW PROCEEDS SOMEWHAT FURTHER XIII-40A
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Decreto nº 60.417/67 — Classificação alterada para
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por ordem de
2. A NOTA CUJO TEXTO TRANSMITI ACIMA ME EH DIRIGIDA, E FOI ASSINADA, EM NOME DO SECRETARIO DE ESTADO, PELO SENHOR MYRON B. KRATZER, SECRETARIO DE ESTADO ASSISTENTE, INTERINO, PARA ASSUNTOS CIENTIFICOS.
AS INFORMAÇÕES CONSTANTES DA NOTA AMERICANA POUCO ELA- BORAM SOBRE O QUE JAH SE CONHECIA A RESPEITO DO ASSUNTO, E CHE- GAM ATEH A SER CONTRADITORIAS NO TOCANTE AA SEQUENCIA DE ACONTE- CIMENTOS QUANDO COMPARADA COM A CARTA AQUI RECEBIDA DOS REPRESEN- TANTES DA EURATOM EM 15 DE DEZEMBRO (V. TELEGRAMA DE REFERENCIA).
SEGUNDO A CARTA DA EURATOM, EM 31 DE OUTUBRO TERIA HAVIDO UMA "CONVERSA INFORMAL". COM ELEMENTO DA "ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION" (ERDA), E EM 11 DE NOVEMBRO, APOS ESSA "CONVERSA INFORMAL" E COMO RESULTADO DE CONSULTA AO GOVER-
NO FRANCES QUE FORA GERADA PELA CONVERSA INFORMALA, TERTA VINDO O ADIAMENTO, POR UM ANO, DA RETRANSFERENCIA. A NOTA DO DE- PARTAMENTO DE ESTADO, AO CONTRARIO, FAZER GRER QUE O ADIAMENTO TO PELO GOVERNO FRANCES TERTA PREGEDIDO DA CONSULTA TAA FERDADE E
OU INFORMAL, OFICIAL OU NAO-OFICIAL, A NOTA NAO FAZ QUESTAO DE PRECISAR - MAS A ALGUM PROBLEMA INTERNO DO "COMTSSARIAT AA L'ENERGIE ATOMIQUE". EM SUMA. O ONUS PELO ADIAMENTO RECAIRIA
EXCLUSIVAMENTE NO 'COMMISSARIAT'. 4. QUANTO AAS AFIRMACOES DE QUE REPRESENTANTES DA ERDA ENTRARIAM EM CONTATO COM A EMBAIXADA, DEVO ESCLARECER NAO TER SIDO PROCURADA ESTA MISSAO SOBRE O ASSUNTO DESDE JANEIRO DE 1975, AINDA PELA EXTINTA COMISSAO DE ENERGIA ATOMICA DOS ESTA-
FISICA. ESTIMARIA, CONTUDO, PODER CONTAR COM ELEMENTOS DE INFOR- ACAO CASO TAIS CONTATOS VENHAM A CONCRETIZAR-SE EM FUTURO BREVE. DE TODO ESTE EPISODIO. NO ENTANTO. FICOU CLARO OLE A
COOPERACAO NUO EAR INTERNACIONAL COM OS ESTADOS UNIDOS ASSUME PROPORCOES CADA VEZ MAIS RESTRITIVAS, OU NO DIZER DA PROPRIA NOTA DO DEPARTAMENTO DE ESTADO, "DISCRICIONARIAS".
CEL SO DINIZ
NOTA DA DTI: DADO CONHECHIENTO AO SECRETARIO DE PLANTAO. EM 12/1/76
Inp-Nod-421/774

Cable no. 4782 dated 11/28/75 from Ambassador Araújo Castro to the State Secretariat*#, Brasilia

SECRET-URGENT

DPB/DCS/DE-I/DIE

Nuclear energy. Re-transfer of special nuclear material of American origin from France to Brazil. Visit to the State Department.

4782 - Saturday 29, 13:30 hs. Reply to your cable 1754. I requested an appointment at the Department of State to visit M. Myron Kratzer, Acting Assistant Secretary of State for Scientific Affairs, who will receive me in the late afternoon of the coming Monday, December 1. I shall try to obtain from Mr. Kratzer the clarification requested by telegram 1754, that is, official word from the American government about the order for indefinite suspension of the shipment from France to Brazil, through EURATOM, of special nuclear material of American origin.

Ioão Augusto de Araújo Castro

Cable no. 4806 dated 12/1/75 from Ambassador Araújo Castro to the State Secretariat, Brasilia.

SECRET-URGENT

DPB/DCS/DIE/DE-I

Nuclear energy. Re-transfer of special nuclear material of American origin from France to Brazil. Visit to the Department of State.

4806 - Monday 1, 22:00 hs. Suite to cable 4782. I have just come back from the Department of State where I spent about one hour with Myron Kratzer, Acting Assistant Secretary for Scientific Affairs, whom I apprised of the case of the postponement of the shipping from France to Brazil of special strategic nuclear material of American origin. Immediately after I requested official word from the American government about the incident.

- 2. [sic] Kratzer answered preliminarily with the following "correction": the country from where the uranium would be transferred to Brazil was not France, but the United Kingdom. When I confirmed to him that the country was France, Kratzer clarified that although the Department of State had never received any communication on the subject from the French Embassy, nor from the Euratom representative in Washington, it had indeed received a consultation of the kind I indicated from the British Embassy last July, which had been answered in August. The English consultation dealt with the possibility of transfer to Brazil "ten to fifteen kilograms" of highly enriched uranium of American origin, to be used in a research reactor of the fast kind, and the answer given, according to Kratzer, was to the effect that such a transfer would not have much chance of approval by the United States. Kratzer stressed that nothing else was known in the Department of State about this and nothing either about any request for re-transference from France.
- 3. I insisted that the issue at hand was a re-transfer from France to Brazil, through the "Euratom Supply Agency" and the information available to us was that the American government, upon being sounded out by Euratom, had ordered last October the definitive suspension of the shipping of said special nuclear material under the assertion that Brazil had not concluded an agreement with the United States on appropriate norms of physical protection. Kratzer said that the Department of State was not aware of that "evolution" of the case and promised to inquire about what could have happened at the Energy Research and Development Administration and the Nuclear Regulatory Commission and to provide us with the results of this search as soon as he received them. I must say that it seemed difficult for me to admit that the treatment of a matter of such relevance could proceed entirely without the

knowledge of the Department of State, as its highest authority on scientific matters wanted to make me believe. It is even less credible that even post facto Kratzer had not been informed of the decision taken.

- 4. Whatever the case may be, Kratzer gave me the impression that he considered irrelevant and academic the question of determining exactly what had happened, since we were before an American "policy" that would apply in any case. In the first place, the United States would never authorize the re-transfer of highly enriched uranium of American origin without prior understanding about the so-called "physical security measures". Second, the existing agreement on nuclear cooperation between Brazil and the United States might "allow" this kind of transfer, but could never be interpreted in a way that transformed it into "compelling" or "compulsory". Third, Kratzer did not wish to conceal from me that at present very restrictive criteria regarding international nuclear cooperation were in force, particularly concerning the transfer of this kind of special nuclear material, considered as strategic. At no time during our conversation did Kratzer offer any encouraging word about the possibility of an American authorization in this case, while always abstaining from giving any peremptory or final negative reply.
- 5. I believe we should wait for a few days until Myron Kratzer provides me with the promised additional elements of information, but I will not keep from you that the Assistant Secretary of State seemed dubious and evasive to me, and for this reason I would favor sending a signed note to the Department of State, which may come to be inevitable if we want an official word from the American government about an episode that is not entirely clear in my mind. I would like to know your reaction to this course of action as well as, in the case such reaction is affirmative, to receive complementary data and clarification about the details of the issue. Such data and elements would be needed to draft an eventual note to the Department of State.

João Augusto de Araujo Castro

Cable no.1774, dated 12/2/75, from the State Secretariat, Brasilia, to the Brazilian Embassy in Washington.

Nuclear energy. Re-transfer of special nuclear material of American origin from France to Brazil.

SECRET

DPB/DCS/DE-I

Re paragraph 5 of your telegram 4806. You are authorized to prepare the signed note to the Department of State and to hand it over at the time you deem opportune.

Exteriores

Cable 4855, dated 12/3/75, from the Brazilian Embassy in Washington to the State Secretariat, Brasilia

SECRET-EXTREMELY URGENT

DPB/DCS/DIE/DE-I

4855 - Wednesday 3, 19:30 hs. Re your cable 1774. In case I do not receive, within two days, the clarification promised by Myron Kratzer, it is my intention to send a Note to the Department of State, with the following substantive section which I submit to your approval:

"The Brazilian Embassy received from the Delegation of the Commission of the European Communities in Washington a letter dated October 24 1975, transmitting a set of MB-10 forms concerning the approval for retransfer of special nuclear material of United States origin from France to Brazil. The forms had been signed by the Director General of the Euratom Supply Agency, in behalf of the French Atomic Energy Commission, on the date of October 17, 1975.

- 2. The Brazilian Embassy received a second letter from the Delegation of the Commission of the European Communities in Washington, dated November 13, 1975, whereby it is indicated that the said retransfer of special nuclear material had been postponed for a year by the French Atomic Energy Commission, without specifying the reasons for such a delay.
- 3. Subsequently, the Brazilian Embassy in Paris inquired of the French government on the motives that had caused the one-year postponement, and learned from the authorities in France that the Euratom Supply Agency had consulted with the United States government on the matter prior to any retransfer could take place, in the terms of a bilateral Euratom-United States agreement on the control of highly enriched uranium fuels. The response of the United States Government was that the retransfer could not be authorized because Brazil had not complied with all the necessary requirements, i.e., that the Brazilian government had not previously entered into an agreement with the United States government on the control of highly enriched uranium fuels, similar to the one which had been signed with Euratom.
- 4. As to-date, there has been no communication from the United States government to Brazilian authorities relative to this case. It is therefore in the best interest of both the United States and Brazil and the intensification of the nuclear cooperation between the two countries that this matter be properly elucidated and that the Brazilian government receive the official clarifications from the United States government on the action taken with regard to the request by Euratom.
- 5. A copy of the letters from the Delegation of the Commission of the European Communities in Washington are enclosed for purposes of information, as well as a copy of the MB-10 forms.
- 6. Also enclosed is a note on the Cobra critical experiment, for which the special nuclear material is destined, as published in the July-August 1975 issue of the bulletin of the French Atomic Energy Commission".
- 2. The text from the bulletin of the "Commissariat à l'Énergie Atomique" mentioned in the sixth paragraph of the draft note is the following: "Un réacteur expérimental français pour le Brésil. M. Nogueira Batista, Président de la Société Empresas Nucleares Brasileiras S.A. (Nuclebras), organisme publique à vocation industrielle chargé de la mise en oeuvre du programme nucléaire brésilien, et M. Rémy Carle, Président de la Société Technique pour l'Énergie Atomique (Technicatome) ont signé à Paris, le 4 juillet 1975, un contrat pour la réalisation au Brésil d'un réacteur expérimental denommé Cobra. Ce réacteur, dérivé du réacteur français Minerve en fonctionnement au Centre d'Études Nucléaires de Fontenay-aux-Roses est dans la ligne des réacteurs de la filière à nêutrons rapides qui ont conduit en France à Rapsodie puis à Fênix. Le projet Cobra permettra notamment l'étude des coeurs des réacterus suregénérateurs qui constitueront dans un proche avenir la nouvelle génération des centrales nucléaires. Il sera implanté à Rio de Janeiro".
- 3. I await instructions.

Cable no. 1784 dated 12/4/1975 from the State Secretariat to the Brazilian Embassy in Washington

SECRET

DPB/DCS/DE-I

Nuclear energy. Re-transfer of special nuclear material of American origin from France to Brazil.

Re your cable 4855. Agree with the course of action proposed by you.

Exteriores

Cable no. 4890 dated 12/5/75, from the Brazilian Embassy in Washington to the State Secretariat, Brasilia

SECRET

DPB/DCS/DE-I

Nuclear energy. Re-transfer of special nuclear material of American origin from France to Brazil.

Re your cable 1784. The note to the Department of State was delivered to-day, in accordance with your instructions.

João Augusto de Araujo Castro.

Cable no. 4994, dated 12/15/1975 from the Brazilian Embassy in Washington to the State Secretariat

SECRET - URGENT DPB/DCS/DIE/DE-I

Nuclear energy. Re-transfer of special nuclear material of American origin from France to Brazil.

4994 - Monday, 18:30 hs. Suite to cable 4890 and further communications on the matter. The Embassy received to-day, December 15, the following letter from the Delegation of the Commission of European Communities in Washington, dated December 12, on the retransfer from France to Brazil of special nuclear material of American origin:

"Subject: Transfer of 11.42 kg of uranium 93% enriched from France to Brazil (our ref: AG/1096)

With reference to recent telephone conversations you had with Joseph Marchal of this office, we wish to clarify the misunderstanding which occurred in the process of establishing above retransfer documents.

On October 23, 1975, we received from the Euratom Supply Agency a set of MB-10 forms covering above retransfer and indicating that shipment of material involved was scheduled to take place by the end of October 1975. We transmitted these forms to you for countersignature by Brazilian authorities on October 24, 1975.

On October 31, 1975, during an informal conversation we had with an ERDA International Security Affairs official, we learned that presently Brazil does not have

the U.S. ERDA clearance for "physical protection" that all overseas consignees need to have prior to receive relatively important quantities of highly enriched uranium or plutonium of U.S. origin.

We also understood during this conversation that ERDA was not planning its "familiarization visit" to Brazil until he end of current calendar years.

In view of this situation, we informed the CEA (through the Euratom Supply Agency) that transfer to the effect schedules for October 1975 would necessarily have to be postponed.

On November 11, 1975, we received from CEA (through the Euratom Supply Agency) notification to the effect that above shipment would take place in October 1976. It appeared that October 1975 transfer date indicated in the MB-10 form was erroneous.

On November 13, 1975, we informed you of new transfer schedule and suggested that the MB-10 forms be disregarded for the time being since ERDA's approval for retransfer is only valid for a 6-month period.

It is to be underlined that, in the above process, U.S. authorities did not receive from Euratom a formal request for retransfer".

- 2. The letter whose text I transmitted above was addressed to the diplomat responsible for the matter in this Mission and is signed by Mr. C. Heidenreich, Vice-director of the Delegation of the Commission of European Communities. Copies of said letter were sent by Heidenreich to the following officials: F. Oboussier, Director-general of the "Euratom Supply Agency; Michel Chauvin, Assistant to the Attaché at the French Embassy in Washington for nuclear energy affairs; Dixon Hoyle, assistant to Myron Kratzer at the Department of State; James A. Garrett, Jr., Head of the Materials Supply Branch at the Office for Implementation of International Programs of the Energy Research and Development Administration (ERDA): and Vance H. Hudgins, Director of the International Security Affairs Division of ERDA.
- 3. It seems probable to me that the Department of State may have pressured the representatives of Euratom for some "clarification" to be provided to the Brazilian government about the episode of the suspension order applied to the retransfer of special nuclear material of American origin from France to Brazil, without much accuracy about what had happened. In fact, the letter received to-day releases the American government from the onus of the formal decision on the matter, by indicating only that an "informal conversation" might had taken place with an ERDA official at the International Security and Development Division and that said official might have indicated the impossibility of the realization of that transfer in the present conditions. Exclusively on the basis of an "informal conversation", then, the French government, through the EURATOM Supply Agency, would have decided to postpone the retransfer for one year. Or else, as one section of the letter would want us to believe, a mistake would have occurred (albeit without indication of its author) regarding the initial date of October 1975: "It appeared that October 1875 transfer date indicated in the MB-10 form was erroneous."
- 4. It is impossible that the Department of State, which remained silent since the December 1 demarche and the December 5 signed note, would now express itself, at least to refer us to the present letter of the Delegation of the Commission of European Communities in Washington, of which it received a copy. In any case, what seems to me essential, in order to avoid inaccuracies as the one mentioned at the end of third paragraph of this cable, is to ascertain the date originally set by the French government, in cooperation with the Brazilian government, for the retransfer

of the material: either October 1975 or October 1976. As can be seen from your cable 1754, the date of October 1976 would not apply in this case, since the suspension is indefinite until agreement is achieved on the norms of physical protection. I suggest that the contents of this cable be communicated to other Brazilian authorities responsible for this matter.

Celso Diniz

Cable no. 122, dated 1/12/1976, from the Brazilian Embassy in Washington to the State Secretariat

SECRET - EXTREMELY URGENT

DPB/DIE/DCS/DE-I

Nuclear energy. Retransfer of special nuclear material of American origin from France to Brazil. Note from the Department of State.

122 - Monday 16:00 - Suite to my cable 4994, of December 15 last. I transmit below the text of the Note from the Department of State, dated January 8, just received by this Mission, in reply to our Note dated December 5 1975:

"Sir:

I have received the Ambassador's Note dated December 5 1975, concerning the approval of retransfer of special nuclear material of United States origin from France to Brazil.

The Delegation of the Commission of the European Communities informed the Department of State of the sequence of events that led to the cancellation of the MB-10 form transmitted via your Note. The Delegation cancelled the MB-10 form without officially submitting it to the United States Government after it learned (a) that the French Atomic Energy Commission would not be ready for retransfer of the material until October 1976 and (b) through the United States Energy Research and Development Administration, that the Governments of Brazil and the United States had not yet completed the required physical protection consultations.

The consultations referred to by the Energy Research and Development Administration are designed to provide both parties to our agreements for cooperation with assurance that special nuclear material of strategic importance, including highly enriched uranium and plutonium, transferred under our agreements, will be adequately protect against theft, seizure, sabotage or other unauthorized use. Such consultations are being held, at mutually convenient times, with parties to all our agreements for cooperation who receive material of this type. We understand that the Energy Research and Development Administration will be in contact with the Embassy of Brazil in the near future to arrange such consultations with appropriate officials and organization of the Government of Brazil.

As was explained during the Ambassador's recent call on the Assistant Secretary for Oceans and International Environmental and Scientific Affairs, the supply of highly enriched uranium, under our agreement for cooperation in the peaceful uses of nuclear energy is discretionary, in view of the sensitive nature of this material. The United States government is prepared to consider the export of the material requested by the Government of Brazil for use in the Cobra reactor, and will be in communication with the Government of Brazil on this subject after our review proceeds somewhat further.

Accept, Sir, the renewed assurances of my high consideration".

- 2. The note whose text I have transmitted above was addressed to me and was signed, on behalf of the Secretary of State, by Mr. Myron B. Kratzer, Acting Assistant Secretary for Scientific Affairs.
- 3. The information included in the American note does not elaborate much on what was already known about the matter, and is even contradictory regarding the sequence of developments when compared to the letter received here from the representatives of Euratom on December 15 (see cable of reference). According to the Euratom letter, on October 31 an "informal conversation" allegedly took place with a member of the Energy Research and Development Administration (ERDA), and on November 11, after that "informal conversation" and as a result of consultation to the French Government generated by the "informal conversation" the postponement of the retransfer for one year is said to have happened. The note of the Department of State, on the contrary, intends to make us believe that the postponement by the French Government preceded the consultation to ERDA and that such postponement was due not to the negative by ERDA whether formal or informal, official or non official, is something the note does not care to make clear but instead to some internal problem at the "Commissariat à L'Énergie Atomique". In short, the onus for the postponement would be due exclusively to the "Commissariat".
- 4. Regarding the assertions that representatives of ERDA would contact the Embassy, I must clarify that since January 1975 this Mission has not been approached on this matter, even by the now extinct United States Atomic Energy Commission (USAEC), about the general question of physical protection norms. I would like, however, to be able to receive elements of information in case such contacts would be realized in the near future.
- 5. From the whole episode, however, it became clear that the nuclear cooperation with the United States takes an increasing restrictive or "discretionary" character, if I may use the words of the note from the Department of State itself.

Celso Diniz