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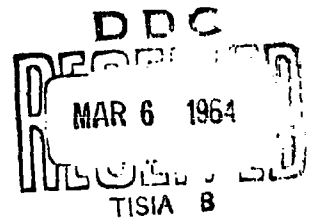
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CONSOLIDATED TRANSLATION SURVEY

Number 73

For January 1964



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CONSOLIDATED TRANSLATION SURVEY

FOR JANUARY 1964

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CONSOLIDATED TRANSLATION SURVEY

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This survey is prepared monthly by Foreign Documents Division, CIA, from lists received through cooperation of US government agencies and includes translations of such agencies, private industry, universities, research institutions, and commercial translation organizations. It is a compilation of foreign documentary projects, completed or started during the month preceding this publication.

Translations are listed by area and subject category. Scientific projects are grouped as a section regardless of geographic area. Title in English, author, foreign language title of source of material, date and data of publication, and publication identification of the completed project are given when available.

Some of the above details may be unavailable on projects listed "in process." New projects in process will be listed only once, their subsequent listing being made when they are reported completed. Projects in process, i.e., not completed as of the date of this survey, are noted with an asterisk (*), and when available, a project-control or "in-process" number is noted in parentheses following the title.

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Department of Army
Assistant Chief of Staff, Intelligence
Intelligence Documents Branch
Washington 25, D.C.

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Washington 25, D.C.

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Admiralty Center for Scientific Information and Liaison
Queen Anne's Mansions
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London, SW 1, England

AEC - Atomic Energy Commission (see Department of Commerce)

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The Librarian
AERE, Ministry of Supply
Harwell, Didcot, Birks
England

AF

Department of Air Force
Collection and Dissemination
Assistant Chief of Staff, Intelligence
ATTN: AFCIN 1B3
Washington 25, D.C.

AGU

American Geophysical Union
1515 Massachusetts Avenue, NW
Washington 5, D.C.

AIBS

American Institute of Biological Sciences
2000 P Street, NW
Washington 6, D.C.

AID - Aerospace Information Division (see OTS)

AIP

American Institute of Physics
335 East 45th Street
New York 17, New York

Amer Math Soc

American Mathematical Society
190 Hope Street
Providence 6, Rhode Island

APL - Applied Physics Laboratory (see Navy)

Army Map Service - (see ACSI)

ATS

Associated Technical Services
PO Box 271
East Orange, New Jersey

BSI

British Iron and Steel Institute
4 Grosvenor Gardens
London, SW 1, England

BuShips - Bureau of Ships (see Navy)

CB

Consultants Bureau, Incorporated
227 West 17th Street
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CTT

Columbia Technical Translations
5 Vermont Avenue
White Plains, New York

DDC

Defense Documentation Center
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Arlington Hall Station
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Department of Commerce
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Emmanuel College Research Language Center
The Fenway
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FTD - Foreign Technology Division (see AF)

HB

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Altadena, California

Hill & Wang

Hill & Wang Incorporated
104 Fifth Avenue
New York 11, New York

HO - Hydrographics Office (see Navy)

ID - Intelligence Document (see ACSI)

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Instrument Society of America
313 Sixth Avenue
Pittsburgh 22, Pennsylvania

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Office of Technical Services
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New York 36, New York

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National Aeronautics and Space Administration
1512 H Street, NW
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Navy

Department of Navy
Office of Naval Intelligence
Washington 25, D.C.

NMS - Navy Medical School (see Navy)

NRC/C

National Research Council, Canada
The Library
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Ottawa 2, Canada

NRL - Naval Research Laboratories (see Navy)

ONI - Office of Naval Intelligence (see Navy)

OT

Ministry of Aviation,
TIL.1 (a),
First Avenue House,
High Holborn,
London, W.C.1., England

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Office of Technical Services
Department of Commerce
Washington 25, D.C.
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Field Offices)

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Scientific Library
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Washington, D.C.

PS

Primary Sources
11 Bleecker Street
New York 12, New York

Scripta Technica, Inc.

Scripta Technica Incorporated
1000 Vermont Avenue, NW
Washington 5, D.C.

SIAM

Society for Industrial and Applied Mathematics
Box 7541
Philadelphia 1, Pennsylvania

Sigma Press

Sigma Press of Medical & Technical Summaries Incorporated
2140 K Street, NW
Washington, D.C.

SLA

SLA Translations Center
The John Crerar Library
86 East Randolph Street
Chicago 1, Illinois

TIL - Technical Information Library

Ministry of Aviation
TIL, 1(b)
Leysdown Road
Nottingham
London SE9, England

UCRL - (see AEC)

Univ of Oklahoma Press

University of Oklahoma Press
Norman
Oklahoma

USDA

Department of Agriculture
Foreign Agricultural Service
Room 5086
14th and Independence Avenue, NW
Washington 25, D.C.

319th MI Bn - 319th Military Intelligence Battalion
(see ACSI)

519th MI Bn - 519th Military Intelligence Battalion
(see ACSI)

525th MI Gp - 525th Military Intelligence Group
(see ACSI)

P R O J E C T S R E P O R T E D
F O R J A N U A R Y 1 9 6 4

USSR

Economic

Conservation of Natural Resources and Establishment of Reserves in the USSR, 108 pp. RUSSIAN, bk, Moscow, 1960.	Dept of Interior ACS E57 No 22 PL-480
Lomako's Report on the USSR State Plan for 1964-1965, by P. F. Lomako, 7 pp. RUSSIAN, rpt, 16 Dec 1963.	JPRS 22502
Hydroelectric Power Plants and the Main Trends in Their Development, by T. L. Zolotarev, Y. O. Shteyngauz, 8pp. RUSSIAN, bk, <u>Energetika i Elektrifikatsiya SSSR v Semiletke, po Mater'yalam XXI S'ezda KPSS</u> , Chap XIV, 1960, pp 145-154. 9216502	OTS 63-11156 PL-480
The Planning and Construction of Populated Places in the Northern Regions, by T. V. Rinskaya-Korsakova. RUSSIAN, bk, <u>Razmeshcheniye Zhilishchnogo Stroitel'stva v Gorodakh</u> , 1960, pp 131-148.	*ACSI I-3908 ID 2253818
The USSR State Budget for 1964-1965 by V. F. Garbuzov; The Budget Commission of the Council of Nationalities, by M. A. Yasnov, 6 pp. RUSSIAN, rpt, <u>The Soviet Economic System: Structure and Policy</u> , 16 Dec 1963.	JPRS 22502
Water Supply and Sewerage Reference Book, by N. F. Fedorov, 15 pp. RUSSIAN, bk, <u>Spravochnik po Vodosnabzheniyu i Kanalizatsii</u> , 1960, pp 7-9; 11-13; 62; 63; 176; 177; 201; 205-207; 227; 228; 231; 232; 254; 255; 259; 319.	ACSI I-2995 ID 2240831
Modern Fork and Electric Lift Trucks, by I. Batishchev, 8 pp. RUSSIAN, per, <u>Avtomobil Transport</u> , No 10, 1963, pp 37-40.	JPRS 22742
Sulfuric Acid Production at Kiraz, by A. Kafarov, Z. Yelizarov, et al, 6 pp. RUSSIAN, np, <u>Bakin Rabochiy</u> , 16 Nov 1963, p 2.	JPRS 22675
Activities of the Kirovabad Aluminum Plant, by G. Labutin, 5 pp. RUSSIAN, np, <u>Bakin Rabochiy</u> , 23 Nov 1963, p 1.	JPRS 22676

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Instructions for Maintaining Work Record Books at Enterprises, Institutions, and Organizations, 12 pp. RUSSIAN, per, Byulleten', No 9, 1963, pp 13-20. JPRS 22459

Metal Saving in Machine-Building Plants of Moscow City Sovnarkhoz, by V. D. Razin, 8 pp. RUSSIAN, per, Byul Tekh-Ekon Informatsii, No 11, 1963, pp 78-81. JPRS 22503

The Experience of Enterprises of the Moscow Sovnarkhoz in Improving the Reliability and Lengthening the Service Life of Machine Tools, by I. V. Gellert, 9 pp. RUSSIAN, per, Byul Tekh-Ekon Informatsii, No 11, 1963, pp 81-84. JPRS 22503

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No 41, 12 Oct 1963, p 15. Establishment of Work Norms for Servicing Production, by B. Mil'ner, 6 pp. JPRS 22459

No 42, 19 Oct 1963. Problems of Mineral Fertilizer Plant Design, by P. Kazakov, 5 pp, (pp 8,9). JPRS 22455

Economic Problems of Basic Chemistry, 6 pp, (p 10). JPRS 22455

Irresponsible Attitude by Designers Affects Chemical Industry Projects, by N. Lodygin, 5 pp, (p 11). JPRS 22455

Public Catering Policies Reviewed, 7 pp, (pp 29, 30). JPRS 22562

Promotion of Work Safety, by M. Cheptsova, 5 pp, (p 40). JPRS 22459

No 43, 26 Oct 1963. Plant Directors Must Further Implement Economy Measures, by A. Putrya, 5 pp, (p 5). JPRS 22461

Plans for Highway and Construction Machinery, by Ye. Novoselov, 6 pp, (p 6). JPRS 22549

Sulfuric Acid the Backbone of Chemistry, by A. Molchanov, 5 pp, (p 12). JPRS 22671

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No 43, 26 Oct 1963. Twenty Million Tons of Fertilizers To Be Produced in 1963, 5 pp, (p 14).	JPRS 22671
A Progress Report on the Clothing Industry, 8 pp, (pp 40, 41).	JPRS 22562
No 44, 2 Nov 1963. Industrial Development of the Ukrainian SSR, by P. Shelest, 12 pp, (pp 7-9).	JPRS 22461
Achievements of the Dnepropetrovsk Pipe Rolling Plant, by P. Savkin, 5 pp, (p 12).	JPRS 22695
No 45, 9 Nov 1963. Activities of the Communist Party Organizations in the Chemical Industry of Gor'kovskaya Oblast, by V. Tikhomirov, 6 pp,	JPRS 22710
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The Application of Economics at the Voskresensk Chemical Combine, by A. Borokhovich, 6 pp.	JPRS 22710
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Base for the Mineral Fertilizer Industry, by
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The Role and Status of the Chemical Industry as
a Supplier of Raw Materials to Light Industry, by
N. Tarasov, 5 pp. JPRS 22710

The Status of Chemical Machine Building in the
Ukraine, by F. Golovchenko, 6 pp. JPRS 22710

The Status of the Use of By-Product and Natural
Gas in the Chemical Industry, by M. Sidorenko, 5 pp. JPRS 22710

Synthetic Instead of Food Raw Material, by
I. Tovbin, G. Belan, 5 pp. JPRS 22710

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P. Baranov, D. Koren'kov, 5 pp. JPRS 22710

Unsatisfactory Administration of Chemical Machine
Building Plants of the Volgo Vyatskiy Sovnarkhoz, by
K. Pogodin, N. Kozlov, et al, 6 pp. JPRS 22710

Soviet Bloc Chemical Industry, by V. Shirmir,
7 pp, (pp 18, 19). JPRS 22854

No 46, 16 Nov 1963, pp 30, 31.
Soviet Bloc Pricing Policies, by A. Alekseyev,
A. Belyayev, et al, 9 pp. JPRS 22854

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The Role of Party Organizations in Leningrad's
Chemical Equipment Plants, (p 4). JPRS 22543

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On Certain Problems of development of Machine-Tool
Building Plants, by V. Zaytsev, A. Musifulin, 5 pp,
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Ya. Kolotyarkin, 6 pp, (p 5). JPRS 22503

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Planning and the Chemical Industry, 7 pp, (p 2). JPRS 22679

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Industry, 19 pp, (pp 3-5). JPRS 22679

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Specialization and Integration in Western Siberia,
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Lagging Production at the Bryansk Phosphorite
Plant, by V. Vasenkov, M. Garin, 5 pp.
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- Increasing Output in the Ukrainian Chemical Industry, by P. Borisov, 8 pp.
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- The Development of Heavy Chemistry, 5 pp.
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- Preliminary Research in the Study of the Effects of Ionizing Rays on the Storage Life of Fresh Tangerines, by Koval'skaya, Silayeva, 9 pp.
RUSSIAN, per, Konservnaya i Ovoshchesushil Prom, No 9, 1963, pp 26-30. ACSI I-3784
ID 2253796
- The Aktyubinsk and Alga Chemical Projects, by M. Prodan, I. Oparenko, et al, 6 pp.
RUSSIAN, np, Lenin Smena, 28 Nov, 1963, pp 1, 2. JPRS 22679
- Shortage of Equipment for Mineral Fertilizer Construction Projects, by P. Denezhkin, Ye. Shlain, et al, 5 pp.
RUSSIAN, np, Lenin Znamya, 9 Oct 1963, p 1. JPRS 22458
- Khrapun Tool Plant Masters Production of Six Types of Cutting Tools, by Ya. Kuznetsov, 5 pp.
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- Equipment Utilization in Machine-Building Plants, by
V. Spirkin, 6 pp.
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- Complex Mechanization -- The Basis of Agricultural
Development, by N. N. Levykin, 14 pp.
RUSSIAN, per, Mekh i Elek Sotsialistich Sel'skogo Khoz
SSSR, No 5, 1963, pp 1-6. JPRS 22738
- Planned Type Size of Tractors and Its Analysis, by
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- Machines for Combatting Water and Wind Erosion, by
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Iron Ores, by A. A. Kovshulya, 7 pp.
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- Decisive Conditions for Increased Agricultural Output,
by N. Mal'kov, 6 pp.
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- Ways of Turning Internal Production Reserves of Ports
to Good Use, by O. Tomas, 5 pp.
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- Moscow Plants Use Computers in Production Control,
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- Economic Management on the Central Asiatic Railroad,
5 pp.
RUSSIAN, per, Narod Khoz Uzbek, No 11, 1963, pp 65, 66. JPRS 22833
- The Oil and Gas Industry of the USSR on the Eve of the
46th Anniversary of the October Revolution, by
P. P. Galonskiy, 7 pp.
RUSSIAN, per, Neft Khoz, Vol XLI, No 11, 1963, pp 1-5. JPRS 22642

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Chemical Workers and the Struggle for Technical Progress, by I. Goloperov, 6 pp.
RUSSIAN, per, Partiynaya Zhizn, No 22, 22 Nov 1963, pp 18-22. JPRS 22761

Activities of the Novomoskovskiy Chemical Combine, by V. Fedinin, D. Nikitin, et al, 7 pp.
RUSSIAN, per, Partiynaya Zhizn, No 22, 22 Nov 1963, pp 22-26. JPRS 22761

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Certain Questions on the Development of Machine Building in Kazakhstan, by T. Ashimbayev, 10 pp.
RUSSIAN, per, Partiynaya Zhizn' Kazakh, No 8, 1963, pp 61-67. JPRS 22447

Selected Articles From the Russian Periodical Planovoye Khoz.

No 10, 1963.
A Better System of Awards in Socialist Competition, by L. Kovalev, 7 pp, (pp 15-19). JPRS 22459

Improved Planning for Technical Progress, by A. Konson, 11 pp, (pp 20-26). JPRS 22720

Fund for Utilization of Prices for New Equipment, by A. Gogoberidze, G. Ivanov, 11 pp, (pp 26-32). JPRS 22720

No 11, 1963.
For Improved Planning of the National Economy, by Ya. Chadayev, 12 pp, (pp 1-9). JPRS 22512

The Efficiency of Capital Investments in Nonferrous Metallurgy, by M. Golynskiy, 9 pp, (pp 21-27). JPRS 22582

Computer Computations, by I. Zinger, N. Lapshin, 6 pp, (pp 28-31). JPRS 22512

Preset Control as a Reserve in Increasing Output of Heavy Machine Tool Building, by I. Borisov, 8 pp. (pp 59-63). JPRS 22636

USSR

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Pianovoye Khoz. (Contd)

- No 11, 1963.
Novosibirsk Conference on Industrial Efficiency, 7 pp,
(pp 91-94). JPRS 22512
- No 12, 1963, pp 1-11.
Soviet Bloc Economic Planning, by G. Sorokin,
14 pp. JPRS 22854
- Problems of Expansion of the Chelyabinsk Metallurgical
Plant, by E. Fokan, 5 pp.
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Cash Front, by D. Filimonov, 6 pp.
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- The Search for Reserves at the Rubezhnoye
Chemical Combine, by I. Roldugin, 5 pp.
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- The Kazakhstan Geological Service in the Fight for
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pp 1-6. JPRS 22447
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8 pp.
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pp 6-11. JPRS 22447
- The Problem of Eliminating the Lag in the Cargo Turnover
of River Transport, 8 pp.
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USSR

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AVIATION ENGINEERING

No 2, 1963

- USSR -

[Following is a complete translation of the Russian-language journal Izvestiya Visshikh Uchebnykh Zavedeniy MViSSO SSSR, Seriya "Aviatsionnaya Tekhnika," No 2, 1963 (English version above), Kazan', pages 3-141.]

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AVIATION ENGINEERING

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- USSR -

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INSTRUMENT BUILDING

Vol VI, No 3, 1963

[Following is the translation of the Russian-language publication Izvestiya Vysshikh Uchebnykh Zavedeniy, Pri-
borostroyeniye (English version above) edited by S. I. Zilitinkevich, Leningrad, Vol 6, No 3, 1963, pp 1-163.]

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RADIOPHYSICS SERIES

Vol VI, No 3, 1963

[Following is a translation of the Russian-language journal Izvestiya Vysshikh Uchebnykh Zavedeniy MVISSO SSSR, Radiofizika, Vol VI, No 3, 1963, (English version above), May-June issue, Gor'kiy, pp 431-647.]

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Washington, DC 20505

7 September 2004

Ms. Roberta Schoen
Deputy Director for Operations
Defense Technical Information Center
7725 John J. Kingman Road
Suite 0944
Ft. Belvoir, VA 22060

Dear Ms. Schoen:

In February of this year, DTIC provided the CIA Declassification Center with a referral list of CIA documents held in the DTIC library. This referral was a follow on to the list of National Intelligence Surveys provided earlier in the year.

We have completed a declassification review of the "Non-NIS" referral list and include the results of that review as Enclosure 1. Of the 220 documents identified in our declassification database, only three are classified. These three are in the Release in Part category and may be released to the public once specified portions of the documents are removed. Sanitization instructions for these documents are included with Enclosure 1.

In addition to the documents addressed in Enclosure 1, 14 other documents were unable to be identified. DTIC then provided the CDC with hard copies of these documents in April 2004 for declassification review. The results of this review are provided as Enclosure 2.

We at CIA greatly appreciate your cooperation in this matter. Should you have any questions concerning this letter and for coordination of any further developments, please contact Donald Black of this office at (703) 613-1415.

Sincerely,

A handwritten signature in dark ink, appearing to read "Sergio N. Alcivar".

Sergio N. Alcivar
Chief, CIA Declassification Center,
Declassification Review and Referral
Branch

Enclosures:

1. Declassification Review of CIA Documents at DTIC (with sanitization instructions for 3 documents)
2. Declassification Status of CIA Documents (hard copy) Referred by DTIC (with review processing sheets for each document)



Processing of OGA-Held CIA Documents

The following CIA documents located at DTIC were reviewed
by CIA and declassification guidance has been provided.

OGA Doc ID	Job Num	Box	Fldr	Doc	Doc ID	Document Title	Pub Date	Pages	Decision	Proc Date
AD0834364	78-03109A	52	1	6	62	Consolidated Translation Survey For February 1963	2/1/1963	232	Approved For Release	3/25/2004
AD0402915	78-03109A	52	1	7	63	Consolidated Translation Survey For March 1963	3/1/1963	314	Approved For Release	3/25/2004
AD0405169	78-03109A	52	1	8	64	Consolidated Translation Survey For April 1963	4/1/1963	278	Approved For Release	3/25/2004
AD0409473	78-03109A	52	1	9	65	Consolidated Translation Survey For May 1963	5/1/1963	358	Approved For Release	3/25/2004
AD0413153	78-03109A	53	1	1	66	Consolidated Translation Survey For June 1963	6/1/1963	361	Approved For Release	3/25/2004
AD0414818	78-03109A	53	1	2	67	Consolidated Translation Survey For July 1963	7/1/1963	249	Approved For Release	3/25/2004
AD0418328	78-03109A	53	1	3	68	Consolidated Translation Survey For August 1963	8/1/1963	324	Approved For Release	3/25/2004
AD0834365	78-03109A	53	1	4	69	Consolidated Translation Survey For September 1963	9/1/1963	193	Approved For Release	3/25/2004
AD0423936	78-03109A	53	1	5	70	Consolidated Translation Survey For October 1963	10/1/1963	232	Approved For Release	3/25/2004
AD0426736	78-03109A	53	1	6	71	Consolidated Translation Survey For November 1963	11/1/1963	298	Approved For Release	3/25/2004
AD0428566	78-03109A	53	1	7	72	Consolidated Translation Survey For December 1963	12/1/1963	298	Approved For Release	3/25/2004
AD0431011	78-03109A	53	1	8	73	Consolidated Translation Survey For January 1964	1/1/1964	273	Approved For Release	3/25/2004
AD0433215	78-03109A	53	1	9	74	Consolidated Translation Survey For February 1964	2/1/1964	200	Approved For Release	3/25/2004
AD0437984	78-03109A	54	1	1	75	Consolidated Translation Survey For March 1964	3/1/1964	305	Approved For Release	3/25/2004
AD0440831	78-03109A	54	1	2	76	Consolidated Translation Survey For April 1964	4/1/1964	155	Approved For Release	3/25/2004
AD0442174	78-03109A	54	1	3	77	Consolidated Translation Survey For May 1964	5/1/1964	249	Approved For Release	3/25/2004
AD0443106	78-03109A	54	1	4	78	Consolidated Translation Survey For June 1964	6/1/1964	191	Approved For Release	3/25/2004
AD0444756	78-03109A	54	1	5	79	Consolidated Translation Survey For July 1964	7/1/1964	169	Approved For Release	3/25/2004
AD0447557	78-03109A	54	1	6	80	Consolidated Translation Survey For August 1964	8/1/1964	153	Approved For Release	3/25/2004
AD0450482	78-03109A	54	1	7	81	Consolidated Translation Survey For September 1964	9/1/1964	141	Approved For Release	3/25/2004
AD0451428	78-03109A	54	1	8	82	Consolidated Translation Survey For October 1964	10/1/1964	149	Approved For Release	3/25/2004
AD0453181	78-03109A	54	1	9	83	Consolidated Translation Survey For November 1964	11/1/1964	157	Approved For Release	3/25/2004
AD0455133	78-03109A	54	1	10	84	Consolidated Translation Survey For December 1964	12/1/1964	121	Approved For Release	3/25/2004
AD0456859	78-03109A	54	1	11	85	Consolidated Translation Survey For January 1965	1/1/1965	179	Approved For Release	3/25/2004
AD0458780	78-03109A	54	1	12	86	Consolidated Translation Survey For February 1965	2/1/1965	161	Approved For Release	3/25/2004
AD0461501	78-03109A	55	1	1	87	Consolidated Translation Survey For March 1965	3/1/1965	301	Approved For Release	3/25/2004