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DOCUMENT INFORMATION

ORIGINATOR : DIA
FROM : KIRTLAND AFB, NEW MEXICO
TO :
TITLE : INTELLIGENCE INFORMATION REPORT: BIOLOGICAL EFFECTS OF
NEUTRON IRRADIATION/ALSO SEVEN (7) STATE DEPARTMENT
DOCUMENTS
DATE : 10/18/63
PAGES : 23 24
SUBJECTS : MOSKALEV, YURIY

DOCUMENT TYPE : PAPER, TEXTUAL DOCUMENT
CLASSIFICATION : SECRET
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[R] - ITEM IS RESTRICTED

602547 BR

DEPARTMENT OF DEFENSE INTELLIGENCE INFORMATION REPORT

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(Classification and Control Markings)

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1. COUNTRY: USSR
2. SUBJECT: (U) biological Effects of Neutron Irradiation
3. ISC NUMBER:
4. DATE OF INFORMATION: 7-11 Oct 63
5. PLACE AND DATE OF ACQ: Upton, L.I., N.Y., USA, 7-11 Oct 63
6. EVALUATION: SOURCE B INFORMATION 2
7. SOURCE: AFWB-63007
8. REPORT NUMBER: 1 569 0007 63
9. DATE OF REPORT: 18 October 1963
10. NO OF PAGES: Two
11. REFERENCES: FTD-5462-N, CIA-41357, AEC-23
1 569 0006 63
1 569 0008 63
12. ORIGINATOR: FTD, AFWL, Kirtland AFB, NMex
13. PREPARED BY: William R. Cowherd, 2ndLt, USAF
Carl E. Trexler
14. APPROVING AUTHORITY: CARL E. TREXLER, LtCol, USAF

15. SUMMARY:
General comments by the source on the interests and competence of two Soviet scientists. Source is a radiation biologist with an extensive background in applied research in the field of effects of neutron irradiation on a biological specimen. Source felt that the Soviet contributions did not present any new approaches to the problems of radiation biology but that the contributions did reveal a high level of Soviet competence in the field. (C)

1. The two Soviet scientists who made contributions at the Symposium on Biological Effects of Neutron Irradiations were V. I. IVANOV, Institute of Engineers and Physical Scientists, Moscow, and YU. I. MOSKALEV, Institute of Biophysics, Academy of Medical Science, Moscow. (U)
2. V. I. IVANOV, in my opinion, would be described as a health-physicist with particular interest in neutron dosimetry. He appeared to be quite competent in his field. At the completion of a presentation which I made, Ivanov asked if I had indeed used a pulse-type reactor without a moderator as my neutron environment source. I answered his question affirmatively and he appeared to be quite astounded. Ivanov was a man of small stature, slender (140 lbs.), black hair,

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17. DOWNGRADING DATA:
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18. ATTACHMENT DATA:

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DEPARTMENT OF DEFENSE INTELLIGENCE INFORMATION REPORT

CONTINUATION SHEET

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REPORT NO. 1 569 0007 63
PAGE 2 OF 2 PAGES
ORIGINATOR FTD, AFWL, Kirt-
land AFB, Mex

(Leave Blank)

very stern faced, and I would estimate his age to be approximately 35 years. He dressed in a typical Russian style, pin-striped suit, broad lapels and padded shoulders. He understood English very well but had difficulty speaking the language. (S)

3. YU. I. MOSKALEV would be described as a radiation biologist. He appeared to have a broad background in biology with lesser emphasis on physics. He was of medium stature, 175-185 lbs., and probably in his early 50's. As best I could determine, he neither spoke nor understood English. He, too, dressed in typical Russian style. (S)

4. Both of these Soviets impressed me as being very competent scientists. The work they presented was not anything new, but they were very well versed on its content. They answered questions graciously and fully and did not make an attempt to avoid questions on their work. They were very alert during the various sessions, took a copious amount of notes and asked questions of many of the contributors. (C)

5. From the work which the Soviets presented, it appeared that they were not involved in basic "ivory tower" type research, but rather in what we would call applied research. From the number of co-authors which appeared on their papers one would tend to think that a rather large effort was being made in this field. (C)

6. Repeatedly, the Soviets asked questions about the effects and measurement of intermediate-range (epi-thermal) neutrons (which have energies in the range of 100 EV to 0.50 MEV). They indicated a great deal more interest in the intermediate range neutrons than did their U.S. counterparts. (S)

7. I heard through unofficial channels that the AEC was going to invite both Moskalev and Ivanov back to Brookhaven for one of their health-physics meetings sometime within the near future. I believe this would be an excellent chance for exploitation due to their willingness to discuss work in their field. (C)

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DEPARTMENT OF DEFENSE

1. DOD Information Report - ~~SECRET~~
Report # 1 569 0007 63, dated 18 October 1963
Subj: Biological Effects of Neutron Irradiation

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18. ATTACHMENT DATA:

REPLACES DA FORM 1048, 1 AUG 60;
OPNAV FORM 3820 (Rev 10-61),
AF FORM 112, JUL 61, WHICH MAY BE
USED UNTIL 1 JAN 63.

DEPARTMENT OF DEFENSE INTELLIGENCE INFORMATION REPORT

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HAS BEEN OBSOLETE SINCE 1963

STATE DEPARTMENT DOCUMENTS

1. From Dept. of State to AmEmbassy Moscow - Unclassified
No. A-4168, dated 12 May 1973
Subj: Invitation to Soviet Scientist to
Participate in U.S. Symposium
2. To Dept. of State Wash., D.C. from Amembassy Moscow - Secret
No. A-969, dated 24 August 1971
Subj: A Murky Business Involving Exchange Scientist
Dr. Patrick J. Sutherland
3. Notes Source: Collected from files, U.S. Embassy ,Moscow - Conf

Dated May 1970
4. Dept. of State Incoming Telegram
Control # 2744, dated 3 October 1963, Limited Official Use
States "Reproduction from this copy is prohibited unless
unclassified"
5. Dept. of State Incoming Telegram
Control # 22050, dated 28 September 1963, Limited Official
States "Reproduction from this copy is prohibited unless
unclassified"
6. Dept. of State Incoming Telegram
Control # 21910, dated 28 September 1963, Limited Official
States "Reproduction from this copy is prohibited unless
unclassified"
7. Dept. of State Airgram to Dept. of State from Amembassy Moscow
Dated 10 September 1963,
Subj: Visas: Nonimmigrants IVANOV, V. I. et al

INCOMING TELEGRAM

Department of State

6002547

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ACTION DEPARTMENT 782, INFORMATION MOSCOW 29

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RMR

Yel. Moskalev will present survey paper at Brookhaven Symposium.
Date and place birth not available Vienna.

RIDDLEBERGER

SYT-19

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