

JUN 18 1986

License No. 54-00300-13
Docket No. 030-14815
Control No. 105509

Atomic Energy of Canada Limited
ATTN: J. Stirling
Quality Assurance/Regulatory Affairs
413 March Road
P.O. Box 13500
Kanata, Ontario, Canada K2K 1X8

Gentlemen:

Please find enclosed an amendment to your NRC Material License.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the Region I Material Licensing Section, (215) 337-5239, so that we can provide appropriate corrections and answers.

Please be advised that you must conduct your program involving licensed radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, please note the items in the enclosed, "Requirements for Materials Licensees."

Since serious consequences to employees and the public can result from failure to comply with NRC requirements, the NRC expects licensees to pay meticulous attention to detail and to achieve the high standard of compliance which the NRC expects of its licensees.

You will be periodically inspected by NRC. A fee may be charged for inspections in accordance with 10 CFR Part 170. Failure to conduct your program safely and in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in prompt and vigorous enforcement action against you. This could include issuance of a notice of violation, or in case of serious violations, an imposition of a civil penalty or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

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REG1 LIC30
54-00300-13 PDR

OFFICIAL RECORD COPY

ML 54-00300-13/LTR - 0001.0.0
06/09/86

ML10

We wish you success in operating a safe and effective licensed program.

Sincerely,

Original Signed By:

John D. Kinneman

Jack Davis

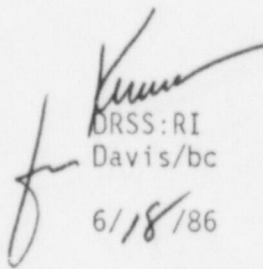
Nuclear Materials Safety Section A

Division of Radiation Safety

and Safeguards

Enclosures:

1. Amendment No. 06
2. Requirements for Materials Licensees


ORSS:RI
Davis/bc

6/18/86

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ML 54-00300-13/LTR - 0002.0.0
06/09/86



Atomic Energy
Of Canada Limited

L'Énergie Atomique
du Canada, Limitée

Radiochemical Company

Société radiochimique

413 March Road,
P.O. Box 13500
Kanata, Ontario,
Canada,
K2K 1X8

413 Chemin March,
C.P. 13500
Kanata, Ontario,
Canada,
K2K 1X8

Tel. (613) 592-2790
Telex 053-4162

1986 May 5

File Ref: E-57

Jenny M. Johansen, M.S.
Nuclear Materials Safety Section "B"
Division of Radiation Safety and Safeguards
United States Nuclear Regulatory Commission
Region 1. 631 Park Avenue
King Of Prussia, Pennsylvania, 19406
U.S.A.

Dear Ms. Johansen:

SUBJECT: Request For Amendment To Radioactive
Materials Licenses USNRC 54-00300-09
USNRC 54-00300-12 And USNRC 54-00300-13

Please consider this letter our formal application for amendment to the subject licenses.

We respectfully request, subject to regulatory approval the following amendments to the licenses.

1. USNRC 54-00300-09 - CONDITION 12
 - (A) Delete the names of W.C. Doherty, N.C. Black, A. Varaklis, L.G. Leeson and B.J. Jackson.
 - (B) Insert the name of V. Eskibashian.
 - (C) Delete the name of B.J. Jackson as Radiation Safety Officer.
 - (D) Insert the name of A. Shewchenko as Radiation Safety Officer.
2. USNRC 54-00300-12 - CONDITION 13
 - (A) Delete the names of Leonard Garry Leeson and Barrie John Jackson
 - (B) Insert the name of Vahan Eskibashian
 - (C) Delete the name of Barrie John Jackson as Radiation Safety Officer

Log *May 15*
Remitter
Check No. *2012170 (8360)*
Amount *\$120*
Fee Category *(3N) 3P*
Type of Fee *Amendment*
Date Check Rec'd. *5/22/86*
Date Completed *5/29/86*
By: *Kimberly*

U.S. N.R.C.
12. FEE NIGHT BRANCH
MAY 27 1986

RECEIVED-REGION 1

"OFFICIAL RECORD COPY"

105509

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MAY 19 1986

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- (D) Insert the name of Alexander Shewchenko as Radiation Safety Officer.

3. USNRC 54-00300-13 - CONDITION 13

- (A) Delete the names of B.J. Jackson, L.G. Leeson and N.C. Black.
- (B) Insert the name of V. Eskibashian.
- (C) Delete the name of B.J. Jackson as Radiation Safety Officer.
- (D) Insert the name of Alexander Shewchenko as Radiation Safety Officer.

To support this request, we attach copies of letters of Authorization and Certification for Mr. Eskibashian and Mr. Shewchenko enabling them to act on behalf of the company in all work areas associated with field operations as specified on the license. In addition, we have attached copies of Messrs. Eskibashian and Schewchenko's resumés outlining, Academic, Professional, and Service Qualifications and Experience.

We enclose an AECL cheque for the sum of \$360.00 (U.S. Funds) in favour of the commission to cover the requested amendments as specified in Section 170.31 (3L) of 10 CFR 170.

I trust this information will prove satisfactory.

Incidentally, I thoroughly enjoyed our telephone conversation of the 24th enabling us to re-establish our old and productive contact.

Yours sincerely,

J. Stirling
J. Stirling,

Quality Assurance/Regulatory Affairs
Industrial Irradiation Division

J.S./mb.

Attachments



Atomic Energy
Of Canada Limited

L'Énergie Atomique
du Canada, Limitée

Radiochemical Company

Société radiochimique

413 March Road,
P.O. Box 13500
Kanata, Ontario,
Canada.
K2K 1X8

413 Chemin March,
C.P. 13500
Kanata, Ontario,
Canada.
K2K 1X8

Tel (613) 592-2790
Telex 053-4162

LETTER OF AUTHORIZATION & CERTIFICATION

TO WHOM IT MAY CONCERN

Atomic Energy of Canada Limited, Radiochemical Company, (AECL-RCC), a Crown Corporation being for all its purposes an agent of Her Majesty the Queen in Right of Canada, hereby designates V. Eskibashian as an accredited Technician acting on behalf of the Corporation in all work areas associated with field operations on AECL-RCC standard products. V. Eskibashian is qualified to cope with the following specialized tasks:

- (a) installation of equipment(s) and its radioactive contents,
- (b) removal of equipment(s) and its radioactive contents,
- (c) servicing equipment(s) and manipulation of its radioactive contents,
- (d) refurbishing and testing radiation equipment(s),
- (e) transfer of radioactive materials,
- (f) replenishment and removal of radioactive materials,
- (g) contamination detection and decontamination procedures,
- (h) radiation surveys with approved instrumentation,
- (i) emergency procedures to be adopted in the event of an incident, and
- (j) preparation of equipment(s) and radioactive source(s) for ongoing shipment.

This is to certify that V. Eskibashian has received in-house training in applied:

- (k) principles and practices of radiation protection,
- (l) radioactivity measurement standardization and monitoring techniques and instruments,
- (m) mathematics and calculations basic to the use and measurement of radioactivity, and
- (n) biological effects of radiation.

FOR: Atomic Energy of Canada Limited
Radiochemical Company

BY: *R.G. McKinnon*
.....
R.G. McKinnon

BY: *A. Shewchenko*
.....
A. Shewchenko

TITLE: General Manager
Industrial Engineering,
Installation & Service

TITLE: Radiation Safety Officer

DATE: 1986 April 17...

DATE: 1986 April 17.



Atomic Energy
Of Canada Limited

L'Énergie Atomique
du Canada, Limitée

Radiochemical Company

Société radiochimique

413 March Road,
P.O. Box 13500
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Canada,
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Tel (613) 592-2790
Telex 053-4162

LETTER OF AUTHORIZATION & CERTIFICATION

TO WHOM IT MAY CONCERN

Atomic Energy of Canada Limited, Radiochemical Company, (AECL-RCC), a Crown Corporation being for all its purposes an agent of Her Majesty the Queen in Right of Canada, hereby designates A. Shewchenko as an accredited Technician acting on behalf of the Corporation in all work areas associated with field operations on AECL-RCC standard products. A. Shewchenko is qualified to cope with the following specialized tasks:

- (a) installation of equipment(s) and its radioactive contents,
- (b) removal of equipment(s) and its radioactive contents,
- (c) servicing equipment(s) and manipulation of its radioactive contents,
- (d) refurbishing and testing radiation equipment(s),
- (e) transfer of radioactive materials,
- (f) replenishment and removal of radioactive materials,
- (g) contamination detection and decontamination procedures,
- (h) radiation surveys with approved instrumentation,
- (i) emergency procedures to be adopted in the event of an incident, and
- (j) preparation of equipment(s) and radioactive source(s) for ongoing shipment.

This is to certify that A. Shewchenko has received in-house training in applied:

- (k) principles and practices of radiation protection,
- (l) radioactivity measurement standardization and monitoring techniques and instruments,
- (m) mathematics and calculations basic to the use and measurement of radioactivity, and
- (n) biological effects of radiation.

FOR: Atomic Energy of Canada Limited
Radiochemical Company

BY: *R.G. McKinnon*
R.G. McKinnon

TITLE: General Manager
Industrial Engineering,
Installation & Service

DATE: 1986 April 17...

BY: *A. Shewchenko*
A. Shewchenko

TITLE: Radiation Safety Officer

DATE: 1986 April 17.

QUALIFICATIONS + EXPERIENCE

MANAGER, QUALITY ASSURANCE
AND REGULATORY AFFAIRS.

RESEARCH AND INDUSTRIAL IRRADIATOR

FULL NAME. ALEXANDER SHEWCHENKO

ACADEMIC QUALIFICATIONS.

- a) High School of Montreal.
Jr. Matriculation
- b) McGill University, Montreal.
Degree B. Eng, Mechanical

Employment with AECL: 28 years.

TRAINING: On-the-job training and courses in

- a) Principles and practices of
radiation protection
- b) Medical applications in radiation-
teletherapy
- c) Design of facilities using
radioactivity; products and
process facilities

PROFESSIONAL QUALIFICATIONS

- a) Designed isotope process cells, ^{beam therapy units,} research irradiators, ^{and exam shipping containers}
- b) Head of Medical Products Engineering branch - 10 yrs.
- c) Manager, Product Integrity - product safety assessments, ~~etc~~ quality programs, etc 8 yrs.
- d) Presently, Manager Quality Assurance and Regulatory Affairs
- e) Currently, Secretary of the Nuclear Safety Committee and member of the Occupational Safety Committee

FIELD INSTALLATION, SERVICING AND SOURCE REPLENISHMENT EXPERIENCE:

- a) Assisted licensed installers in on and repair the installation of cobalt teletherapy units and source replenishments.
- b) Assisted in the performance of Radiation surveys, in-plant and on site for Medical Therapy Equipment (Theratrone. B, C, F, 60, 80, ~~6, 8~~ 765, 780 + Eldorado G, Super-G, 6, 8, 78) - maximum content approx. 13,000 curies.

c). Assisted in the performance of
Radiation surveys on m. Research
Irradiators (G.C. - 220, 200, GB
650, #100) .

Apr. 1 16 86.

AECL
RCC 11 D.

R E S U M E

NAME

Vahan Eskibashian

Date of Birth

August 30, 1937 - Beirut, Lebanon

Position

Service Representative - Industrial Engineering
and Services

Academic Qualifications

- Armenian Central High School - Equivalent Grade 12
1955
- Haigazian College - 1956 - 57
Obtained Electrical Licence

Employment

Maison Empere 1958 - 59

- Rewinding Electrical Motors & Transformers
- 1960 Training in Italy for Electrical and
Mechanical installation and Service
- 1961 - 74 Gas Orient S.A.L.
Mechanical & Electrical installation of
Propane Bottling Plants in Middle East.

Canada 1975

- 1975 - 80 Elliott Trailers Sales
Electrical & mechanical Service Maintenance

1980 - Present

Atomic Energy of Canada Limited,
Commercial Products, Ottawa, Ontario

Experience

On the Job training

- principles and practices of radiation protection
- radioactivity measurements standardization and
monitoring techniques and instruments
- mathematics and calculations basic to the use and
measurement of radioactivity
- in-house courses on biological effects of radiation
- Building & wiring more than 30 industrial
radiators
- building & wiring 220 Gammacells
- building & wiring 40 GC
- building & wiring 1000 GC
- wiring & troubleshooting Theratron 780
- assisted in source replenishment.

- Isomatic	- New Jersey	700.00 curies
Isomtic	- Boston	750.00 curies

BEETEN: William O. Miller, Chief
License Fee Management Branch
Office of Administration

John E. Glenn, Chief
Nuclear Materials Section B
Division of Engineering and
Technical Programs

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03520
12/89

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: Atomic Energy of Canada Limited

Application Dated: 5/5/86

Control No.: 105509

License No.: 54-00300-13

2. FEE ATTACHED

Amount: \$ 360.00

Check No.: 2012170

3. COMMENTS

check is to cover control
No's. 05507; 05508 and
05509

Signed Brenda Platchek

Date 5/20/86

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount: 3773P \$120

2. Correct Fee Paid. Application may be processed for:

Amendment

Renewal

License

Signed A. Kimberley

Date 5/29/86