

Minutes of the 291st Meeting of the Atomic Energy Control Board held in the Public Hearing Room, AECB Offices, 280 Slater Street, Ottawa, Ontario, Thursday, August 12, 1999, beginning at 8:30 a.m.

Present:

Dr. A.J. Bishop, Chair  
Dr. C.R. Barnes  
Dr. A.J. Carty  
Dr. Y.M. Giroux  
Mr. A.R. Graham

P. Marchildon, Secretary  
B. Shaffer, Senior Counsel  
B. Gerestein, Recording Secretary

Board staff advisers were A. Aly, N. Anani, M. Duncan, R. Ferch, D. Howard, R. Irwin, K. Kirkhope, J. Majola, R. McCabe, D. Metcalfe, B. Pearson, K. Pereira, J. Power, J. Riznic, M. Santini, G. Schwarz, T. Schaubel, M. Taylor, P. Thompson, G. Turcotte, J. Waddington and P. Wigfull.

Chair and Secretary

1. The President took the chair and the Secretary of the Board acted as Secretary of the meeting with the Manager, Board Services Group acting as recording secretary.

Constitution

2. Notice of meeting having been properly given (BMD 99-93) and a quorum of Members being present, the meeting was declared to be properly constituted for the transaction of any business that might be brought before it.

3. Since the meeting of June 17, 1999, Board Member Documents BMD 99-93 to BMD 99-113 had been distributed to Members. These documents are further detailed in Annex A of these minutes.

Adoption of Agenda

4. The updated agenda, BMD 99-94.1, was adopted as presented. **DECISION**

Preliminary List of Agenda Items for the October 7, 1999, Board Meeting

5. Members received for information the updated preliminary list of agenda items for the next meeting of the Board, October 7, 1999; reference BMD 99-95.

Minutes of the 290th Meeting of the Board, June 17, 1999

6. The Chair requested an amendment in section 11 of the draft minutes. The seventh paragraph in the section should read “The Chair stated that AECB staff are prepared to justify their conclusions, but noted that W.R. Adamson’s submission included, in addition to issues of substance, some unsubstantiated statements and unwarranted remarks on the personal integrity of some AECB staff.” On motion duly moved and seconded, the Board approved the draft minutes of the 290th meeting as amended; reference BMD 99-96. DECISION

#### Business Arising

7. The Board received for information the report on business arising from the previous minutes, as itemized in BMD 99-97.

#### Significant Development Report

8. Members reviewed Significant Development Report No. 1999-7 with staff who provided updates; reference BMDs 99-98 and 99-98.1.

Power Reactors: Regarding the Bruce B NGS, staff indicated that “steam generator” in section 1.4.2 of the BMD should read “main electrical generator”. With respect to Pickering Nuclear Generating Station B, AECB staff noted that Ontario Power Generation (OPG) has written to the AECB outlining steps they are taking to improve safety culture and compliance. A further report is to be forwarded by OPG on this subject by September 17, 1999. OPG representatives indicated that recent incidents at Pickering NGS B are being investigated and that a root cause team has been established to investigate all aspects, including human error. AECB Staff will provide an update on the Pickering B incidents at the October 7, 1999, Board meeting and will specifically report on more general operational aspects of OPG’s progress under the staff report on NAOP, scheduled for the November 4, 1999, meeting. ACTION: M. Taylor

Materials Regulation: AECB staff provided an update on the May 26 plutonium update incident at the AECL Chalk River Laboratories. An AECB team has been formed to investigate and inquiries will begin on site next week. AECB staff added that their initial information gathering began within days of being notified of the incident. AECL representatives stated that their investigation is ongoing and a preliminary report will be provided to the AECB by the end of August with a final report to be completed by October 8, 1999.

Staff also provided updates on the incidents noted in BMD 99-98.1, as follows:

- Prince Albert, Saskatchewan incident. Investigation ongoing.
- Dorset, Ontario incident. The stolen gauge has not yet been recovered.
- Montreal, Quebec incident. The stolen gauge has not yet been recovered.
- New Waterford, Nova Scotia incident. The investigation is continuing and an alert to users of this type of device is being distributed.

Staff added that the word “news” in the first line of the summary in BMD 99-98.1 should be

“new”.

The Chair noted that many recent incidents involved gauges and requested that staff prepare a summary report on such incidents over the past 2-3 years. ACTION: M. Duncan

#### Status of Legal Issues

9. Members reviewed with Senior Counsel the report on the Status of Legal Issues; reference BMD 99-99.

#### Next meetings of the Board

10. The next meetings of the Board will be held October 7, 1999, in Port Hope, Ontario, with a September 16 deadline for submissions and November 4, 1999, in Ottawa, Ontario, with an October 14 deadline for submissions.

#### Ontario Power Generation

11. Members received a presentation from AECB staff on the application of Ontario Power Generation, Toronto, Ontario, for renewal of the operating licence for the Bruce Nuclear Power Development Central Maintenance Facility, County of Bruce, Ontario; reference BMD 99-100.

(Continued in item 24)

#### Atomic Energy of Canada Limited (AECL) - MAPLE 1 Reactor

12. Members received a presentation from J.-P. Labrie and V. Langman, AECL, requesting an operating licence for the MAPLE 1 Reactor located at the Chalk River Laboratories, Chalk River, Ontario; reference BMD 99-101.1.

AECB staff then gave a presentation on the licensing request following BMD 99-101 and attached overheads. Staff reviewed the proposal in detail including: licensing issues, update on prerequisites to licensing, proposed changes to licence conditions, and a summary of public comments.

Members discussed with AECB staff the issues of code reconciliation reports and prerequisites to licensing. AECB staff indicated that some issues are not required for a licence but are still important and will receive follow-up. Discussion continued on the use of high versus low enriched uranium, transportation issues, staffing, and safety parameters. With respect to facility staffing, the licensee confirmed that two staff would always be present.

Members received for consideration the following submissions related to the subject proposal:

- J. Ellard, Emergency Measures Ontario (EMO) BMD 99-101.2

C. Kowalyk, EMO, responded to a Member's question on emergency measures indicating that no

direct talks have yet been held with AECL regarding changes to off-site emergency preparedness as a result of the MAPLE reactors. AECL representatives indicated that formal correspondence will be conveyed to EMO stating that the MAPLE facilities will be included in emergency planning and risk calculations for the Chalk River site.

- K. Ostling, Campaign for Nuclear Phaseout BMD 99-101.3
- G. Edwards, Canadian Coalition for Nuclear BMD 99-101.4 Responsibility
- I. Kock, Nuclear Awareness Project BMD 99-101.5
- O. Hendrickson, Concerned Citizens of Renfrew BMD 99-101.6  
County

(Continued in item 25)

(The meeting recessed at 10:10 a.m. for 15 minutes)

#### Atomic Energy of Canada Limited (AECL) - New Processing Facility

13. Members received a presentation from J.-P. Labrie and V. Langman, AECL, requesting an operating licence for the New Processing Facility located at the Chalk River Laboratories, Chalk River, Ontario; BMD 99-102.1.

Members received a presentation from AECB staff on the subject request following BMD 99-102 and attached overheads.

Members discussed with AECB staff and the AECL representatives issues including the name of the facility, national standards for reactors of the MAPLE type, waste treatment, the active drain system and commissioning.

Members received for consideration a submission from J. Ellard, Emergency Measures Ontario, BMD 99-102.2.

(Continued in item 26)

#### Manitoba Cancer Treatment and Research Foundation

14. Members received a presentation from AECB staff on the request of the Manitoba Cancer Treatment and Research Foundation, Winnipeg, Manitoba, for a Particle Accelerator Nuclear Facility Construction Approval; reference BMD 99-103. (Continued in item 27)

#### Cancer Care Ontario - London Regional Cancer Centre

15. Members received a presentation from AECB staff on the request of Cancer Care Ontario, Toronto, Ontario, for a Particle Accelerator Operating Licence for the London Regional Cancer Centre, London, Ontario; reference BMD 99-104. (Continued in item 28)

## Cancer Care Ontario - Toronto-Sunnybrook Regional Cancer Centre

16. Members received a presentation from AECB staff on the request of Cancer Care Ontario, Toronto, Ontario, for a Particle Accelerator Operating Licence for the Toronto-Sunnybrook Regional Cancer Centre, Toronto, Ontario; reference BMD 99-105. (Continued in item 29)

### Introduction of Five-Year Limit on AECB Authorizations for Operations Personnel at Nuclear Power Plants - Opportunity to be Heard

17. B. MacTavish, accompanied by P. Tremblay and C. Jobe, Ontario Power Generation, gave a presentation on behalf of Ontario Power Generation, Hydro-Québec and New Brunswick Power on the proposal of the Director General of the Directorate of Environmental and Human Performance Assessment to amend all authorizations issued by the AECB to Nuclear Power Plant (NPP) Shift Supervisors, Shift Operating Supervisors and Control Room Operators by adding an expiry date of February 29, 2004, and for all authorizations issued since March 1, 1999, by adding an expiry date of five years from the date of issue. In his presentation, B. MacTavish reviewed the history of the issue, industry concerns relating to process, guidance documentation, and transition. He commented that operators are well trained and qualified to operate the nuclear power plants safely and requested, on behalf of the nuclear utilities, that the five-year authorizations not begin until further consultations had been held and until all AECB documentation was complete. B. MacTavish also indicated that the utility had no substantial objection to a five year authorization. Reference BMD 99-106.1

Members received a presentation on the implementation of the new authorizations from AECB staff; reference BMD 99-106 and attached overheads. Staff reviewed past practices and the current situation, the need for periodic requalification, and objections raised by licensees.

Members asked licensees to comment on the list of incidents noted in Appendix 1 of the AECB staff BMD. B. MacTavish indicated that some incidents had training implications, some were related to the experience of staff and some were due to a lack of knowledge, and others involved equipment failure. In response to a Member's question on OPG's view of the proposal, notwithstanding the timing of implementation, B. MacTavish indicated that staff must be continually trained but utilities are concerned about the requirement for requalification without having the standards established beforehand.

M. Doyon and R. Pageau, Hydro-Québec, gave a presentation on the requirement for requalification. They agreed with the principle of periodic confirmation of competence and indicated that the AECB should evaluate the programs currently in place and determine their effectiveness. They added that their staff spend about one sixth of their time in training.

R. Johnson, NB Power, indicated that some events at the Point Lepreau nuclear generating station may have been related to training. He added that NB Power recognizes the importance of continuing training and is not opposed to a training program that has an examination component and recognized that one tool to do this is periodic recertification, but the utility is concerned about the recertification program itself.

The Chair asked the utility representatives if these issues had been discussed with their staff. They replied that, generally, staff are knowledgeable of the issue and concerned about the requirement that they must pass a regular exam in order to maintain their employment. AECB staff reviewed their discussions with utility staff and noted that utility staff provided no negative feedback and some was positive. However, some utility staff indicated that some training programs were not delivered in a timely manner. The discussion continued on the potential cost to the utilities. AECB staff indicated that continuous training should always have been in place and that only incremental costs for recertification every five

years are needed. B. MacTavish indicated that costs would depend on the nature of the exams and the training needed, and may be substantial.

(Continued in item 30)

#### Cameco Corporation - Key Lake Mining Facility

18. Members received for initial consideration a presentation from S. Frost, Cameco Corporation, Saskatoon, Saskatchewan, requesting renewal of the operating licence for the Key Lake uranium mining facility located in northern Saskatchewan; reference BMD 99-107.1 and attached overheads. S. Frost reviewed the site, ownership, history, mining/milling processes, waste management, transportation, site changes, safety, environmental performance and radiation protection, and community involvement.

Members received a presentation from AECB staff on the subject application; reference BMD 99-107 and attachment. Staff reviewed topics including the Key Lake site, radiation and environmental protection, and waste management.

(Continued in item 31)

(The meeting adjourned for lunch from 12:35 p.m. to 1:15 p.m.)

#### COGEMA Resources Inc. - McClean Lake Project

19. Members received for initial consideration a presentation from A. de Bourayne, R. Pollock and J. Corman, COGEMA Resources Inc., Saskatoon, Saskatchewan, to amend the current operating licence for the McClean Lake Project, located in northern Saskatchewan, to permit operation of the SUE open pits and to operate the associated facilities; reference BMD 99-108.1 and attached overheads. The presentation covered the facility description and operation; health, safety and environmental protection; decommissioning and financial assurances; and long term performance of the site.

AECB staff gave a presentation on the proposal following BMD 99-108 and attachment.

(Continued in item 32)

Report AC-10, "A Strategy to Develop and Implement Canadian Standards for Quality Assurance in Radiation Therapy"

20. Members received for information a presentation from AECEB staff on their response to the report of the Joint Working Group (Advisory Committee on Radiological Protection and Group of Medical Advisers: JWG-11) entitled AC-10, "A Strategy to Develop and Implement Canadian Standards for Quality Assurance in Radiation Therapy"; reference BMD 99-109. The Chair suggested that the proposal be further discussed with the Advisory Committee to clarify financial issues and project responsibility.

Smoke Detectors

21. Members received for information a follow-up report from AECEB staff on the discovery of radioactive smoke detectors discovered at a Winnipeg landfill site in February 1999; reference BMD 99-110.

Year 2000 Preparedness

22. Members received for information a status report from AECEB staff on the status of and strategy for addressing the Y2K problem in Canada's nuclear industry; reference BMD 99-112 and attached overheads. Staff reviewed methodology for their strategy, the status of licensees' preparedness, national and international cooperation, and contingency planning.

Members discussed with staff verifications which have been undertaken to ensure licensees are Y2K ready. With respect to medical facilities, D. Roy, Medical Devices Bureau, Health Canada, indicated that Health Canada has also contacted users of radiation therapy units and other health-related facilities informing them of their Y2K requirements.

Research and Support Program for Fiscal Year 1999/2000

23. Members received for information a presentation from AECEB staff on the Research and Support Program for fiscal year 1999/2000; reference BMD 99-113.

(The meeting continued in camera at 2:20 p.m.)

Ontario Power Generation Inc. (Continued from item 11)

24. Having received and heard presentations and submissions from the applicant and AECB staff, the Board approved the issuance of a Waste Facility Operating Licence to Ontario Power Generation Inc., Toronto, Ontario, for the Bruce Nuclear Power Development Central Maintenance Facility, County of Bruce, Ontario, for a two-year period to August 31, 2001. DECISION

Atomic Energy of Canada Limited (AECL) - MAPLE 1 Reactor (Continued from item 12)

25. Having received and heard presentations and submissions from the applicant, AECB staff and intervenors, the Board approved the issuance of a Non-Power Reactor Operating Licence, including the licence conditions set out in Section 7 of Board Member Document BMD 99-101, to Atomic Energy of Canada Limited, Mississauga, Ontario, for the MAPLE 1 Nuclear Reactor, at Chalk River Laboratories, Chalk River, Ontario, for a 14 month-period to October 31, 2000. DECISION

Atomic Energy of Canada Limited (AECL) - New Processing Facility (Continued from item 13)

26. Having received and heard presentations and submissions from the applicant, AECB staff and intervenors, the Board approved the issuance of a Nuclear Substances Processing Facility Operating Licence, including the licence conditions set out in Section 7 of Board Member Document BMD 99-102, to Atomic Energy of Canada Limited, Mississauga, Ontario, for the New Processing Facility at Chalk River Laboratories, Chalk River, Ontario, for a 14 month-period to October 31, 2000. DECISION

Manitoba Cancer Treatment and Research Foundation (Continued from item 14)

27. Having received and heard the presentation of AECB staff, the Board approved the issuance of an Accelerator Construction Approval to The Manitoba Cancer Treatment and Research Foundation, Winnipeg, Manitoba, for a four-year period to August 12, 2003. DECISION



Cancer Care Ontario - London Regional Cancer Centre (Continued from item 15)

28. Having received and heard the presentation of AECB staff, the Board approved the issuance of an Accelerator Operating Licence to Cancer Care Ontario, Toronto, Ontario for the London Regional Cancer Centre, London, Ontario for a four-year period to August 12, 2003. DECISION

Cancer Care Ontario - Toronto-Sunnybrook Regional Cancer Centre (Continued from item 16)

29. Having received and heard the presentation of AECB staff, the Board approved the issuance of an Accelerator Operating Licence to Cancer Care Ontario, Toronto, Ontario, for the Toronto-Sunnybrook Regional Cancer Centre, Toronto, Ontario for a four-year period to August 12, 2003. DECISION

Introduction of Five-Year Limit on AECB Authorizations for Operations Personnel at Nuclear Power Plants - Opportunity to be Heard (Continued from item 17)

30. Having received and heard the presentations by Ontario Power Generation Inc. (OPG), Hydro-Québec, NB Power and AECB staff, Members agreed that individual NPP Shift Supervisors, Shift Operating Supervisors and Control Room Operators should also have the opportunity to be heard. The Board directed that this be communicated and indicated that no decision would be taken at this time and that the matter would be further considered at the November 4, 1999, meeting of the Board. ACTION: P. Marchildon

Cameco Corporation - Key Lake (Continued in item 18)

31. Having received and heard presentations and submissions from the applicant and AECB staff, the Board

a) accepted Board staff's assessment that the proponent will have the programs in place to provide for adequate protection of workers, the public and the environment;

b) accepted the Board staff's conclusion that the project is covered by section 2 of Schedule I, Part I of the CEAA Exclusion List Regulations and therefore a further environmental assessment of the project is not required according to section 7(1)(a) of the CEAA; and

c) gave initial consideration to the application of Cameco Corporation, Saskatoon, Saskatchewan, for a Mining Facility Operating Licence for the Key Lake Facility in northern Saskatchewan.  
INITIAL CONSIDERATION

COGEMA Resources Inc. - McClean Lake (Continued from item 19)

32. Having received and heard presentations and submissions from the applicant and AECB staff, the Board

a)accepted Board staff's assessment that the proponent will have the programs in place to provide for adequate protection of workers, the public and the environment;

b)accepted the Board staff's conclusion that the project is covered by section 2 of Schedule I, Part I of the CEAA Exclusion List Regulations and therefore a further environmental assessment of the project is not required according to section 7(1)(a) of the CEAA; and

c)gave initial consideration to the application of COGEMA Resources Inc (CRI), Saskatoon, Saskatchewan, to amend Mining Facility Operating Licence AECB-MFOL-170-0.5 to authorize CRI to mine the SUE open pits and to operate the associated ore and waste management and effluent treatment system at the McClean Lake Project in northern Saskatchewan. INITIAL CONSIDERATION

Closing

33. The meeting concluded on consensus at 3:15 p.m.

ANNEX A / ANNEXE A

BMD DATE File No / No de dossier

99-93 1999-06-21 (1-3-1-5)

Notice of Meeting  
Avis de convocation

99-94 1999-07-27 (1-3-1-5)

Agenda for the Board Meeting beginning at 8:30 on Wednesday, August 12, 1999, in the Public Hearing Room, 14th floor, 280 Slater Street, Ottawa, Ontario

Ordre du jour de la r1 union de la Commission qui s'ouvrira le mercredi 12 ao%t 1999 " 8 h 30, dans la salle des audiences publiques, au 14e 1 tage du 280, rue Slater, " Ottawa (Ontario)

99-94.1 1999-08-11 (1-3-1-5)

Agenda for the Board Meeting beginning at 8:30 on Wednesday, August 12, 1999, in the Public Hearing Room, 14th floor, 280 Slater Street, Ottawa, Ontario - Update

Ordre du jour de la r1 union de la Commission qui s'ouvrira le mercredi 12 ao%t 1999 " 8 h 30, dans la salle des audiences publiques, au 14e 1 tage du 280, rue Slater, " Ottawa (Ontario) - Mise " jour

99-95 1999-07-27 (1-3-1-5)

Preliminary List of Agenda items for the Board meeting of October 7, 1999  
Liste provisoire des points " l'ordre du jour de la r1 union du 7 octobre 1999 de la Commission

99-96 1999-07-25 (1-3-1-5)

Minutes of the June 17, 1999 Board meeting

ProcMs-verbal de la r1 union de la Commission du 17 juin 1999

99-97 1999-07-27 (1-3-1-5)

Business arising from Atomic Energy Control Board Meetings

Suivis des r1 unions de la Commission de contr! le de l'1 nergie atomique

99-98 1999-07-27 (1-1-5-0)

Significant Development Report No. 1999-7

Rapport des faits saillants n! 1999-7

99-98.1 1999-08-10 (1-1-5-0)

Significant Development Report No. 1999-7 - Update

Rapport des faits saillants n! 1999-7 - Mise " jour

99-99 1999-07-27 (2400-6-2)

Status of Legal Issues

État des questions juridiques

99-100 1999-07-27 (37-2-3-0)

Ontario Power Generation - Bruce Nuclear Power Development, Central Maintenance Facility -  
Renewal of Waste Management Facility Operating licence

Ontario Power Generation - Renouvellement du permis d'exploitation de gestion de d1 chets  
radioactifs pour l'installation centrale de maintenance du complexe nucl1 aire de Bruce

99-101 1999-07-27 (26-1-62-0-0)

Atomic Energy of Canada Limited - Operating Licence for the MAPLE 1 and 2 Reactors at the  
Chalk River Laboratories, MMIR Project

Énergie atomique du Canada limit1 e - Permis d'exploitation pour les r1 acteurs MAPLE 1 et 2 aux  
laboratoires de Chalk River, le projet MMIR

99-101.1 1999-07-22 (1-3-1-7)

Atomic Energy of Canada Limited - Operating Licence for the MAPLE 1 and 2 Reactors at the

Chalk River Laboratories, MMIR Project - Appearance by Atomic Energy of Canada Limited  
Énergie atomique du Canada limitée - Permis d'exploitation pour les réacteurs MAPLE 1 et 2 aux  
laboratoires de Chalk River, le projet MMIR - Intervention par Énergie atomique du Canada  
limitée

99-101.2 1999-07-22 (1-3-1-7)

Atomic Energy of Canada Limited - Operating Licence for the MAPLE 1 and 2 Reactors at the  
Chalk River Laboratories, MMIR Project - Submission from Emergency Measures Ontario  
Énergie atomique du Canada limitée - Permis d'exploitation pour les réacteurs MAPLE 1 et 2 aux  
laboratoires de Chalk River, le projet MMIR - Mémoire de Mesures d'urgence Ontario

99-101.3 1999-07-22 (1-3-1-7)

Atomic Energy of Canada Limited - Operating Licence for the MAPLE 1 and 2 Reactors at the  
Chalk River Laboratories, MMIR Project - Submission from Campaign for Nuclear Phaseout  
Énergie atomique du Canada limitée - Permis d'exploitation pour les réacteurs MAPLE 1 et 2 aux  
laboratoires de Chalk River, le projet MMIR - Mémoire de Campagne contre l'expansion du  
nucléaire

99-101.4 1999-07-22 (1-3-1-7)

Atomic Energy of Canada Limited - Operating Licence for the MAPLE 1 and 2 Reactors at the  
Chalk River Laboratories, MMIR Project - Submission from Canadian Coalition for Nuclear  
Responsibility  
Énergie atomique du Canada limitée - Permis d'exploitation pour les réacteurs MAPLE 1 et 2 aux  
laboratoires de Chalk River, le projet MMIR - Mémoire du Regroupement pour la surveillance  
nucléaire

99-101.5 1999-07-23 (1-3-1-7)

Atomic Energy of Canada Limited - Operating Licence for the MAPLE 1 and 2 Reactors at the  
Chalk River Laboratories, MMIR Project - Submission from Nuclear Awareness Project  
Énergie atomique du Canada limitée - Permis d'exploitation pour les réacteurs MAPLE 1 et 2 aux  
laboratoires de Chalk River, le projet MMIR - Mémoire du Nuclear Awareness Project

99-101.6 1999-07-23 (1-3-1-7)

Atomic Energy of Canada Limited - Operating Licence for the MAPLE 1 and 2 Reactors at the  
Chalk River Laboratories, MMIR Project - Submission from Concerned Citizens of Renfrew  
County and District  
Énergie atomique du Canada limitée - Permis d'exploitation pour les réacteurs MAPLE 1 et 2 aux  
laboratoires de Chalk River, le projet MMIR - Mémoire de Concerned Citizens of Renfrew  
County and District

99-102 1999-07-27 (24-1-3-0)

Atomic Energy of Canada Limited - Operating Licence for the New Processing Facility at the Chalk River Laboratories, MMIR Project

Énergie atomique du Canada limitée - Permis d'exploitation pour la nouvelle installation de traitement aux laboratoires de Chalk River, le projet MMIR

99-102.1 1999-07-22 (1-3-1-7)

Atomic Energy of Canada Limited - Operating Licence for the New Processing Facility at the Chalk River Laboratories, MMIR Project - Appearance by Atomic Energy of Canada Limited

Énergie atomique du Canada limitée - Permis d'exploitation pour la nouvelle installation de traitement aux laboratoires de Chalk River, le projet MMIR - Intervention par Énergie atomique du Canada limitée

99-102.2 1999-07-22 (1-3-1-7)

Atomic Energy of Canada Limited - Operating Licence for the New Processing Facility at the Chalk River Laboratories, MMIR Project - Submission from Emergency Measures Ontario

Énergie atomique du Canada limitée - Permis d'exploitation pour la nouvelle installation de traitement aux laboratoires de Chalk River, le projet MMIR - Mise en œuvre de Mesures d'urgence Ontario

99-103 1999-07-27 (29-1-26-5-0)

The Manitoba Cancer Treatment and Research Foundation - Particle Accelerator Nuclear Facility Construction Approval

La fondation Manitobaine de traitement du cancer de recherche en oncologie - Approbation de construire une installation d'accélérateur de particules

99-104 1999-07-27 (29-1-28-9-0)

Cancer Care Ontario (London Regional Cancer Centre) Particle Accelerator Nuclear Facility Operating Licence

Action Cancer Ontario (Centre régional de oncologie de London) Permis d'exploitation d'une installation d'accélérateur de particules

99-105 1999-07-27 (29-1-28-13-0)

Cancer Care Ontario, (Toronto-Sunnybrook Regional Cancer Centre) Particle Accelerator Nuclear Facility Operating Licence

Action Cancer Ontario (Centre régional de oncologie de Toronto- Sunnybrook) Permis d'exploitation d'une installation d'accélérateur de particules

99-106 1999-07-27 (13-1-2-3-0)

Introduction of a Limit of Five Years on AECB Authorizations for Operations Personnel at Nuclear Power Plants

Introduction d'une limite de cinq ans pour les autorisations délivrées par la CCEA au personnel exploitant des centrales nucléaires

99-106.1 1999-07-23 (1-3-1-7)

Introduction of a Limit of Five Years on AECB Authorizations for Operations Personnel at Nuclear Power Plants - Appearance by Ontario Power Generation

Introduction d'une limite de cinq ans pour les autorisations délivrées par la CCEA au personnel exploitant des centrales nucléaires - Intervention par Ontario Power Generation

99-107 1999-07-27 (22-C4-126-1)

Cameco Corporation - Mining Facility Operating Licence for Key Lake Operation

Cameco Corporation - Permis pour l'exploitation de l'installation minière Key Lake

99-107.1 1999-07-23 (1-3-1-7)

Cameco Corporation - Mining Facility Operating Licence for Key Lake Operation - Appearance by Cameco Corporation

Cameco Corporation - Permis pour l'exploitation de l'installation minière Key Lake - Intervention par Cameco Corporation

99-108 1999-07-27 (22-C2-123-1)

COGEMA Resources Inc. - Amendment to McClean Lake Project Operating Licence for the mining of the Sue Pit

COGEMA Resources Inc. - Modification du permis d'exploitation de l'installation projet McClean Lake pour l'exploitation du gisement Sue

99-108.1 1999-07-23 (1-3-1-7)

COGEMA Resources Inc. - Amendment to McClean Lake Project Operating Licence for the mining of the Sue Pit - Appearance by COGEMA Resources Inc.

COGEMA Resources Inc. - Modification du permis d'exploitation de l'installation projet McClean Lake pour l'exploitation du gisement Sue - Intervention par COGEMA Resources Inc.

99-109 1999-07-27 (29-1-29-7-0)

AECB staff comments on document AC-10, A Strategy to develop and implement Canadian

standards for quality assurance in radiation therapy

Observations des agents de la CCEA sur le document CC-10 intitulé Stratégie de laboration et de mise en oeuvre des normes canadiennes d'assurance de la qualité en radiothérapie

99-110          1999-07-27    (28-3-0-0)

Update on the discovery of radioactive smoke detectors at a Winnipeg landfill site

Mise à jour sur la découverte de détecteurs radioactifs de fumée dans une décharge à Winnipeg

99-111          ()

This BMD number is not listed on the Agenda

Ce numéro de BMD n'est pas à l'ordre du jour

99-112          1999-07-26    (13-1-32-0)

Year 2000 Preparedness (Licensees)

Préparation à l'an 2000 (Détenant de permis)

99-113          1999-07-27    (34-0-0-0)

Research and Support Program for Fiscal Year 1999/2000

Programme de recherche et de soutien pour l'exercice 1999-2000