

Minutes of the 289th Meeting of the Atomic Energy Control Board held in the Public Hearing Room, AECB Offices, 280 Slater Street, Ottawa, Ontario, Wednesday, May 19 and Thursday, May 20, 1999, beginning at 8:30 a.m., May 19.

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Present:

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

Absent:

Dr. A.J. Carty  
Dr. C.R. Barnes

P. Marchildon, Secretary  
A. Nowack, Senior Counsel  
B. Gerestein, Recording Secretary

Board staff advisers were A. Alwani, A. Aly, J. Blyth, R. Cawthorn, R. Chamberlain, R. Chatterjee, M. Duncan, P. Eyre, D. Howard, K. Kirkhope, R. Leblanc, R. McCabe, A. Mclay, B. Pearson, K. Pereira, J. Power, M. Santini, D. Sykes, M. Taylor, P. Thompson, T. Viglasky, 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.

Introduction of Members

2. The Chair introduced the Members of the Board and welcomed the audience to the meeting.

Constitution

3. Notice of meeting having been properly given (BMD 99-60) 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.
4. Since the meeting of April 22, 1999, Board Member Documents BMD 99-60 to BMD 99-77 had been distributed to Members. These documents are further detailed in Annex A of these minutes.

Adoption of Agenda

5. The updated agenda, BMD 99-61.1, was adopted as presented.

DECISION

Preliminary List of Agenda Items for the June 17, 1999, Board Meeting

6. Members received for information the updated preliminary list of agenda items for the next meeting of the Board, June 17, 1999; reference BMD 99-62.1. The Chair noted the addition of two items: applications from the Centre hospitalier régional de Trois-Rivières and Cancer Care Ontario.

Minutes of the 288th Meeting of the Board, April 22, 1999

7. On motion duly moved and seconded, the Board approved the draft minutes of the 288th meeting; reference BMD 99-63.

DECISION

Correction to Minutes of the January 28, 1999, Meeting

8. On motion duly moved and seconded, the Board approved an amendment to the minutes of the January 28, 1999, meeting. The last sentence of the second last paragraph of Section 16 should read: "In reply to a question on decommissioning and funding, R. Osborne indicated that a segregated fund will be established for decommissioning."

DECISION

Business Arising

9. The Board received for information the report on business arising from the previous minutes, as itemized in BMDs 99-64 and 99-64.1.

Significant Development Report

10. Members reviewed Significant Development Report No. 1999-5 with staff who provided updates; reference BMDs 99-65 and 99-65.1.

Status of Legal Issues

11. Members reviewed with Senior Counsel the report on the Status of Legal Issues; reference BMD 99-66.

Next meetings of the Board

12. The next meetings of the Board will be held June 17, 1999, in Ottawa, Ontario, with a May 27 deadline for submissions and August 12, 1999, in Ottawa, with a July 22 deadline for submissions.

## TRIUMF

13. Members received a presentation from AECEB staff on the application of TRIUMF, Vancouver, British Columbia, for approval of an amendment to its Commissioning Licence to permit proceeding to Phase IV of the commissioning process for the Isotope Separator and Accelerator (ISAC) facility; reference BMD 99-67.

Members discussed with staff topics including radioactive incidents from target failures, past performance of the licensee and AECEB staff involvement in correcting deficiencies. On the latter point, staff indicated that a review by the licensee is due in September 1999 and that AECEB staff is devoting more attention to the facility.

(Continued in item 22)

## British Columbia Cancer Agency - Proton Therapy Facility

14. Members received a presentation from AECEB staff on the application of the British Columbia Cancer Agency, Vancouver, British Columbia, for renewal of its Operating Licence for the Proton Therapy Facility located at the TRIUMF facility; reference BMD 99-68.

(Continued in item 23)

## British Columbia Cancer Agency - Vancouver Island Cancer Centre

15. Members received a presentation from AECEB staff on the application of the British Columbia Cancer Agency, Vancouver, British Columbia, for approval to construct a Particle Accelerator Nuclear Facility at the Vancouver Island Cancer Centre, Victoria, British Columbia; reference BMD 99-69.

(Continued in item 24)

## Atomic Energy of Canada Limited - MAPLE 1 and 2 Reactors

16. Members received for initial consideration a presentation from J.-P. Labrie, V. Langman and D. Taylor, Atomic Energy of Canada Limited (AECL), Chalk River, Ontario, on the request of AECL for an Operating Licence for the MAPLE 1 and 2 Reactors located at the Chalk River Laboratories; reference BMD 98-70.1. J.-P. Labrie provided an overview of the project and V. Langman provided a review of the technical aspects of the project, following the BMD and attached overheads. V. Langman provided a description of the MAPLE reactors, outlined MAPLE reactor improvements, and reviewed the status of construction,

safety issues, the quality assurance program, commissioning and operations, waste treatment, and decommissioning. D. Taylor reviewed the operational readiness of the MAPLE reactors including employee training, staffing, certification, maintenance planning, documentation and operations management. D. Taylor requested an operating licence for both the MAPLE 1 and 2 reactors.

AECB staff gave a presentation on the subject request following BMD 99-70 and attached overheads. Staff covered technical and licensing issues, and prerequisites for licensing. AECB staff concluded that AECL's compliance with the construction licence has been acceptable except for a violation regarding quality assurance. Staff outlined proposed licensing conditions and recommended that an operating licence for the MAPLE 1 reactor be given initial consideration but that the request for the MAPLE 2 reactor be considered at a later date.

Members discussed with staff and the AECL representatives topics including validation data and computer codes, licensing prerequisites, quality assurance, and project schedules.

The Chair asked if O. Hendrickson, Concerned Citizens of Renfrew County, was present to give a presentation on the subject request. There being no response, the Board received for consideration the submission of O. Hendrickson; reference BMD 99-70.2.

(Continued in item 25)

(The meeting recessed for 15 minutes at 10:05 a.m.)

#### Atomic Energy of Canada Limited - New Processing Facility

17. Members received for initial consideration a presentation from J.-P. Labrie, V. Langman and R. Singh, Atomic Energy of Canada Limited (AECL), Chalk River, Ontario, on the request of AECL for an Operating Licence for the New Processing Facility at Chalk River, which is part of the MDS Nordion Medical Isotope Reactors (MMIR) Project; reference BMD 99-71.1 and attached overheads. J.-P. Labrie provided an overview of the facility and discussed radioactive material handling. V. Langman then provided a presentation on technical aspects of the project including design improvements and safety issues. R. Singh reviewed waste management issues, canister construction and security.

AECB staff gave a presentation on the subject request following BMD 99-71 and attached overheads. Staff provided an overview of the project and discussed prerequisites to completion as well as proposed licence conditions.

The Chair noted that O. Hendrickson, in BMD 99-70.2, had asked if waste in the fissile solution storage tank (FISST) would be processed at the New Processing Facility. Staff indicated that it would not.

(Continued in item 26)

### Cameco Corporation - McArthur River Project

18. Members received for initial consideration a presentation from S. Frost, accompanied by B. Steen, Cameco Corporation, Saskatoon, Saskatchewan, on the request for a Mining Facility Operating Licence for the McArthur River Project in northern Saskatchewan; reference BMD 99-72.1 and attached overheads. B. Steen provided an overview of the project and discussed ownership, reserves and resources, mining methodology, construction and the project schedule. S. Frost reviewed worker safety, radiological protection, northern hiring, and future plans. He concluded with a request for initial consideration of an operating licence for the McArthur River Project.

AECB staff gave a presentation on the subject request following BMD 99-72 and attachment. Staff provided a project description, information on the current status of the facility, ore transport, and staff's assessment of the measures planned or in place for the protection of workers, the public and the environment.

In response to a Member's question about transportation and the worst case accident scenario, staff indicated that this is still being developed. S. Frost indicated that he does not foresee a large release in the event of an accident given the nature of the transport packaging. Members also discussed with AECB staff and S. Frost issues including possible contamination into nearby Lucy Lake, material handling and the projected operating life of the facility, which is expected to be twenty years.

The Board received for consideration the following submissions relating to the subject request:

BMD 99-72.2 from M. Shieff,  
BMD 99-72.3 from the Canadian Uranium Alliance ( P. Penna), and  
BMDs 99-72.4 and 99-72.4A from M. Penna.

Members discussed with AECB staff M. Penna's concern that approvals are given without an overall evaluation and assessment having been completed. Staff confirmed that decommissioning and waste management handling issues have not yet been fully resolved.

(Continued in item 27)

### Ontario Power Generation

19. Members received for initial consideration a presentation from B. MacTavish and R. Nixon, accompanied by G. Evans, Ontario Power Generation, Toronto, Ontario, for renewal of the Bruce Nuclear Power Development Central Maintenance Facility Waste Facility Operating Licence, located in the County of Bruce, Ontario; reference BMD 99-73.1. R. Nixon's presentation covered facility operations, performance, improvements in managed systems and future expansion plans. R. Nixon summarized by noting that the facility has had a good performance and safety record and is essential for the continued operation of the Bruce Nuclear Generating Stations. He concluded with a request for a licence renewal for a period of two years.

AECB staff gave a presentation on the subject request following BMDs 99-73 and 99-73A. Staff reviewed facility performance, contamination control, work management, monitoring, results of compliance inspections, licensing issues, consultation with other agencies, public interest, cost recovery, and application of the *Canadian Environmental Assessment Act*.

Members discussed with the Ontario Power Generation delegation issues including reportable incidents and the corporate training policy.

Members received for consideration a submission on the subject request from K. Brothers; reference BMD 99-73.2.

In response to a Member's question relating to K. Brothers' submission, AECB staff indicated that the levels of radioactivity noted have not been verified, but assuming the levels cited by the intervenor are accurate, they are very, very low. Assuming the value of 112 Bq/kg was correct, the dose from organically bound tritium resulting from ingesting 1 kg of fish would be 0.005 microsieverts(F Sv). The dose from ingesting a 0.25 kg apple containing 978 Bq/kg of organically bound tritium is 0.01F Sv. R. Nixon indicated that the utility has taken samples and their findings are that 84 Bq/l is the highest level recorded for fish, and for apples it is 101 Bq/l. He added that the entire Bruce site emits 2.7F Sv per year, compared with an annual background level of about 3000F Sv.

(Continued in item 28)

### Update on Smoke Detectors in Winnipeg Landfill Site

20. Members received for information an update from AECB staff regarding radioactive smoke detectors found at a Winnipeg landfill site; reference BMD 99-74. Staff noted that the smoke detectors have now been safely disposed of, adding that investigation of the source of the

1999-05-19/20

smoke detectors is still ongoing. In response to a question from the Chair, staff will enquire if the waste site accepts waste from outside the province of Manitoba.

ACTION:  
M. Duncan

Ontario Power Generation - Integrated Improvement Program

21. Members received for information an update from AECB staff on their November 1998 presentation regarding the status of Ontario Hydro's (now Ontario Power Generation) Integrated Improvement Program; reference BMD 99-75 and attached overheads. A further update will be presented at the November 1999 meeting.

(The meeting continued in camera at 12:20 p.m.)

TRIUMF (Continued from item 13)

22. Having received and heard the presentation of AECB staff, the Board approved the issuance of an amendment to the existing Accelerator Operating Licence, to proceed with the next stage of commissioning, to TRIUMF, Vancouver, British Columbia, for the Isotope Separator and Accelerator Facility (ISAC).

DECISION

British Columbia Cancer Agency - Proton Therapy Facility (Continued from item 14)

23. Having received and heard the presentation of AECB staff, the Board approved the issuance of an Accelerator Operating Licence to the British Columbia Cancer Agency, Vancouver, British Columbia, for the Proton Therapy Facility at TRIUMF, Vancouver, for an indefinite period.

DECISION

British Columbia Cancer Agency - Vancouver Island Cancer Centre (Continued from item 15)

24. Having received and heard the presentation of AECB staff, the Board approved the issuance of an Accelerator Construction Approval to the British Columbia Cancer Agency, Vancouver, British Columbia, for the Vancouver Island Cancer Centre, Victoria, British Columbia, for a four-year period to May 31, 2003.

DECISION

Atomic Energy of Canada Limited - MAPLE 1 & 2 Reactors (Continued from item 16)

25. Having received and heard presentations and submissions from the applicant, AECB staff and intervenor, the Board gave initial consideration to the application of Atomic Energy of Canada Limited, Mississauga,

Ontario, for a Non-Power Reactor Operating Licence for the MAPLE 1 Nuclear Reactor, Chalk River Laboratories, Chalk River, Ontario.

INITIAL  
CONSIDERATION

Atomic Energy of Canada Limited - New Processing Facility (Continued from item 17)

26. Having received and heard presentations and submissions from the applicant and AECB staff, the Board gave initial consideration to the application of Atomic Energy of Canada Limited, Mississauga, Ontario, for a Nuclear Substances Processing Facility Operating Licence, Chalk River Laboratories, Chalk River, Ontario.

INITIAL  
CONSIDERATION

Cameco Corporation - McArthur River Project (Continued from item 18)

27. Having received and heard presentations and submissions from the applicant, AECB staff and intervenors, 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 CEEA *Exclusion List Regulations* and therefore an environmental assessment of the project is not required according to section 7(1)(a) of the CEEA; and
- c) gave initial consideration to the application of Cameco Corporation, Saskatoon, Saskatchewan, for a Mining Facility Operating Licence for the McArthur River Project in northern Saskatchewan.

INITIAL  
CONSIDERATION

Ontario Power Generation (Continued from item 19)

28. Having received and heard presentations and submissions from the applicant, AECB staff and intervenors, the Board gave initial consideration to the application of Ontario Power Generation Inc. for a Waste Management Facility Operating Licence for the Bruce Nuclear Power Development Central Maintenance Facility, County of Bruce, Ontario.

INITIAL  
CONSIDERATION

Adjournment

29. The meeting adjourned at 12:35 p.m. until 8:30 a.m., Thursday, May 20, 1999.

### Constitution and Introduction - May 20, 1999

30. There being a quorum of Members present, the Chair continued the meeting which had been adjourned from the previous day.

The Chair welcomed the Members of the Advisory Committees and the AECB Medical Liaison Officer on behalf of the Group of Medical Advisers, and expressed the Board's appreciation for the work undertaken by the Committees over the past year. The Chair noted that she will be meeting with the Committee chairpersons and the Medical Liaison Officer following the Board meeting to discuss in further detail proposed changes to the operations of the Committees, based on the report submitted by Dr. Y. Giroux.

### Meeting with the Advisory Committee on Radiological Protection (ACRP)

31. Dr. A. Marko gave a presentation on the work of the Committee during the past year following the Background Notes in BMD 99-77-B.

Dr. R.J. Woods provided an overview of the "Radiation Officer's Handbook", following the attached overheads. He noted that further revisions are still required.

Dr. N. Gentner discussed the ACRP research project entitled "Molecular Markers of Radiation Sensitivity in Childhood Leukemia", following the attached overheads. He discussed the possible expansion of the project as well as the need for \$60k additional funding.

Dr. B.L. Tracy provided a commentary on the AECB Report entitled "Assessment of Releases of Radionuclides from Nuclear Facilities (Impacts on Non-Human Species)". AECB staff then gave a presentation on the subject including the broader topic of environmental protection. Staff noted that an AECB policy on the environment is under development and consultation with provincial counterparts will commence shortly.

Dr. J. B. Sutherland provided a presentation entitled "Beyond ACRP" in which he discussed jurisdictional issues relating to radiation protection. Dr. Sutherland suggested that a working group be established to set up a model for dealing with these issues. The Chair indicated that the AECB will notify the Committee shortly of its future involvement in this matter.

Dr. Marko provided concluding remarks and indicated that he will soon be retiring from the Committee. He expressed his gratitude for having been able to serve on the Committee and contribute to many important projects.

Meeting with the Advisory Committee on Nuclear Safety (ACNS)

32. Dr. A. Biron reviewed developments during the past year following the outline in BMD 99-77-C. He noted that the Scientific Secretary, R. Atchison, will be retiring shortly and on behalf of the Committee thanked him for his dedication over the years.

Meeting with the Group of Medical Advisers (GMA)

33. Dr. S. Vlahovich gave a presentation of GMA activities during the past year, following BMD 99-77-D.

Dr. J.F. Lafortune reviewed progress on the report entitled “Guidelines on Hospital Emergency Plans for the Management of Minor Radiation Accidents” following the attached overheads.

Dr. Vlahovich reviewed progress on the report entitled “Guide to Ionizing Radiation Exposures for the Occupational Physician”.

Joint Meeting with the ACRP, ACNS and GMA

34. Dr. Vlahovich provided an overview of the joint activities following BMD 99-77-E.

Ms. P. McGrath presented a review of the ACRP/GMA research project entitled “Patient and Family Member Perspectives on Radioactive Iodine Treatment”, following the attached overheads.

Dr. Sutherland provided a status report on “Principles of the Management of Radionuclide Therapies” following the attached overheads.

Dr. Sutherland indicated that the report recommendations will soon be distributed for peer review. Members discussed the report with Dr. Sutherland noting that licensees must develop appropriate programs to ensure that patients who have undergone radionuclide therapies are discharged in a manner which ensures protection of persons close to them.

(The meeting adjourned at 11:00 a.m. for 15 minutes)

P. O’Brien gave a presentation on the draft report AC-10, entitled “A Strategy to Develop and Implement Canadian Standards for Quality Assurance in Radiation Therapy”, following the attached overheads. P. O’Brien suggested that the development of standards be under the aegis of the AECB and that a budget of \$100k would be required over a period of two years. During discussion, the Chair indicated that AECB staff will review the document and that the AECB will consider the requests for participation in the project and funding. The Chair added that the AECB

ACTION:  
M. Duncan

must keep within its mandate and not become involved in patient care but that the AECB could perhaps provide valuable input and assist in facilitating the project.

### Conclusion

35. The Chair thanked the Committees for their informative presentations and indicated that the Board values their work and looks forward to working more closely with the Committees in future.

### Closing

36. The meeting closed on consensus at 11:45 a.m.

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Chair

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Recording Secretary

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Secretary

ANNEX A / ANNEXE A

BMD DATE File No / No de dossier

99-60 1999-05-03 (1-3-1-5)

Notice of Meeting  
Avis de convocation

99-61 1999-05-05 (1-3-1-5)

Agenda of the 289th Meeting of the Atomic Energy Control Board to be held in the Public Hearing Room, 14th floor, 280 Slater Street, Ottawa, Ontario, Wednesday May 19 and Thursday May 20, 1999 beginning at 8:30 a.m May 19.

Ordre du jour de la 289e r1 union de la Commission de contr! le de l'1 nergie atomique qui se tiendra dans la salle des audiences publiques, au 14e 1 tage du 280, rue Slater, " Ottawa (Ontario), le mercredi 19 mai et le jeudi 20 mai 1999, " compter de 8 h 30 le 19 mai.

99-61.1 1999-05-18 (1-3-1-5)

Agenda of the 289th Meeting of the Atomic Energy Control Board to be held in the Public Hearing Room, 14th floor, 280 Slater Street, Ottawa, Ontario, Wednesday May 19 and Thursday May 20, 1999 beginning at 8:30 a.m May 19. - Update

Ordre du jour de la 289e r1 union de la Commission de contr! le de l'1 nergie atomique qui se tiendra dans la salle des audiences publiques, au 14e 1 tage du 280, rue Slater, " Ottawa (Ontario), le mercredi 19 mai et le jeudi 20 mai 1999, " compter de 8 h 30 le 19 mai. - Mise " jour

99-62 1999-05-03 (1-3-1-5)

Preliminary List of Agenda items for the Board meeting of June 17, 1999

Liste provisoire des points " l'ordre du jour de la r1 union de la Commission du 17 juin 1999

99-62.1 1999-05-18 (1-3-1-5)

Preliminary List of Agenda items for the Board meeting of June 17, 1999 - Update

Liste provisoire des points " l'ordre du jour de la r1 union de la Commission du 17 juin 1999 -  
Mise  
" jour

99-63 1999-05-03 (1-3-1-5)

Minutes of the April 22, 1999 Board meeting

ProcMs-verbal de la r1 union de la Commission du 22 avril 1999

99-64 1999-04-30 (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

99-64.1 1999-05-10 (1-3-1-5)

Business Arising from Atomic Energy Control Board Meetings - Update  
Suivis des r1 unions de la Commission de contr! le de l'1 nergie atomique - Mise " jour

99-65 1999-04-30 (1-1-5-0)

Significant Development Report No. 1999-5  
Rapport des faits saillants n! 1999-5

99-65.1 1999-05-18 (1-1-5-0)

Significant Development Report No. 1999-5 - Update  
Rapport des faits saillants n! 1999-5 - Mise " jour

99-66 1999-05-04 (2400-6-2)

Status of Legal Issues  
État des questions juridiques

99-67 1999-05-04 (29-1-1-5-0/29-1-1-0-0)

TRIUMF - Approval of Phase IV of the Commissioning the Isotope Separator and ACcelerator (ISAC) Facility  
TRIUMF - Approbation de la phase IV de la mise en service de l'installation Isotope Separator and ACcelerator (ISAC)

99-68 1999-05-04 (29-1-1-0)

British Columbia Cancer Agency - Particle Accelerator Operating Licence Renewal for the Proton Therapy Facility at TRIUMF  
L'Agence de cancer de la Colombie-Britannique - Renouvellement du permis d'exploitation d'acc111 rateur m1 dical pour l'installation de th1 rapie de Proton " TRIUMF

99-69 1999-05-04 (29-1-48-3-0)

British Columbia Cancer Agency, Vancouver Island Cancer Centre - Particle Accelerator Nuclear Facility Construction Approval

L'Agence de cancer de la Colombie-Britannique, Vancouver Island Cancer Centre - Approbation pour construire une installation nucléaire d'accélérateur de particules

99-70 1999-05-04 (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 limitée - Permis d'exploitation pour les réacteurs MAPLE 1 et 2 aux laboratoires de Chalk River, le projet MMIR

99-70.1 1999-04-28 (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

99-70.2 1999-04-29 (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 Concerned Citizens of Renfrew County and Area

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 Concerned Citizens of Renfrew County and Area

99-71 1999-05-04 (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

99-71.1 1999-04-29 (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 limite

99-72 1999-05-04 (22-C5-126-1)

Cameco Corporation - Mining Facility Operating Licence for the McArthur River Project  
Cameco Corporation - Permis d'exploitation de l'installation minière du projet McArthur River

99-72.1 1999-04-28 (1-3-1-7)

Cameco Corporation - Mining Facility Operating Licence for the McArthur River Project -  
Appearance by Cameco Corporation  
Cameco Corporation - Permis d'exploitation de l'installation minière du projet McArthur River -  
Intervention par Cameco Corporation

99-72.2 1999-04-28 (1-3-1-7)

Cameco Corporation - Mining Facility Operating Licence for the McArthur River Project -  
Submission from Mrs. Maisie Shiell  
Cameco Corporation - Permis d'exploitation de l'installation minière du projet McArthur River -  
M1 mère de madame Maisie Shiell

99-72.3 1999-04-29 (1-3-1-7)

Cameco Corporation - Mining Facility Operating Licence for the McArthur River Project -  
Submission from Canadian Uranium Alliance  
Cameco Corporation - Permis d'exploitation de l'installation minière du projet McArthur River -  
M1 mère de Canadian Uranium Alliance

99-72.4 1999-04-29 (1-3-1-7)

Cameco Corporation - Mining Facility Operating Licence for the McArthur River Project -  
Submission from Mrs. Marion Penna  
Cameco Corporation - Permis d'exploitation de l'installation minière du projet McArthur River -  
M1 mère de madame Marion Penna

99-72.4A 1999-05-13 (1-3-1-7)

Cameco Corporation - Mining Facility Operating Licence for the McArthur River Project -  
Updated submission from Mrs. Marion Penna  
Cameco Corporation - Permis d'exploitation de l'installation minière du projet McArthur River -  
Mise à jour du M1 mère de madame Marion Penna

99-73 1999-05-04 (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 déchets  
radioactifs pour l'installation centrale de maintenance du complexe nucléaire de Bruce

99-73.A 1999-05-11 (1-3-1-7)

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

Ontario Power Generation - Renouvellement du permis d'exploitation de gestion de déchets  
radioactifs pour l'installation centrale de maintenance du complexe nucléaire de Bruce - Mise à  
jour

99-73.1 1999-04-28 (1-3-1-7)

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

Ontario Power Generation - Renouvellement du permis d'exploitation de gestion de déchets  
radioactifs pour l'installation centrale de maintenance du complexe nucléaire de Bruce -  
Intervention par Ontario Power Generation

99-73.2 1999-04-28 (1-3-1-7)

Ontario Power Generation - Bruce Nuclear Power Development, Central Maintenance Facility -  
Renewal of Waste Management Facility Operating licence - Submission from Mrs. Karin Brothers

Ontario Power Generation - Renouvellement du permis d'exploitation de gestion de déchets  
radioactifs pour l'installation centrale de maintenance du complexe nucléaire de Bruce - Mémoire  
de madame Karin Brothers

99-74 1999-05-04 (28-3-0-0)

AECB staff update on the discovery of radioactive smoke detectors at a Winnipeg landfill site

Mise à jour, des agents de la CCEA, sur la découverte de détecteurs radioactifs de fumée dans  
une

décharge à Winnipeg

99-75 1999-05-04 (26-7-0-0-0)

AECB staff Report on the Status of Ontario Power Generation's NAOP Based - Integrated  
Improvement Program

Rapport des agents de la CCEA sur l'état des programmes d'amélioration des centrales d'Ontario  
Power Generation d'après le NAOP

99-76 1999-04-29 (1-3-1-3)

Correction to the Minutes of the January 28, 1999 Board Meeting

Correction au procMs-verbal de la r1 union de la Commission du 28 janvier 1999

99-77 1999-05-04 (13-1-28-0; 13-1-29-0; 20-1-9-0)

Meetings with the Advisory Committees

R1 unions avec les comit1 s consultatifs