

Minutes of the 288th Meeting of the Atomic Energy Control Board held in the Public Hearing Room, AECB Offices, 280 Slater Street, Ottawa, Ontario, Thursday, April 22, 1999, beginning at 8:30 a.m.

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Present:

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

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

Absent:

Dr. A.J. Carty

Board staff advisers were A. Alwani, J. Blyth, D. Cochrane, L. Colligan, M. Duncan, P. Flavelle, F. Harrison, R. Irwin, B. Howden, R. Leblanc, R. McCabe, K. Pereira, H. Rabski, M. Taylor, P. Thompson, T. Viglasky, J. Waddington and B. Zgola.

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 99-39) 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. The Secretary noted that since the meeting of March 25, 1999, Board Member Documents BMD 99-39 to BMD 99-59 had been distributed to Members. These documents are further detailed in Annex A of these minutes.

### Adoption of Agenda

5. The updated agenda, BMD 99-40.1, was adopted as presented. The Chair noted two deletions from the original agenda (BMD 99-40): Initial Consideration of the AECL MAPLE 1 and 2 Reactors at Chalk River, BMD 99-48 to 99-48.2, and Initial Consideration of the AECB staff report on Radium Licensing, BMD 99-58. The Chair indicated that the AECL matter was deleted because the applicant did not forward a submission to the AECB by the April 1, 1999 deadline. DECISION

### Preliminary List of Agenda Items for the April 22, 1999, Board Meeting

6. Members received for information the updated preliminary list of agenda items for the next meeting of the Board, May 19 and 20, 1999; reference BMD 99-41.1.

### Minutes of the 287th Meeting of the Board, March 25, 1999

7. On motion duly moved and seconded, the Board approved the draft minutes of the 287th meeting; reference BMD 99-42. DECISION

### Business Arising

8. The Board received for information the report on business arising from the previous minutes, as itemized in BMD 99-43.

### Significant Development Report

9. Members reviewed Significant Development Report No. 1999-4 with staff who provided updates; reference BMDs 99-44 and 99-44.1.

Power Reactors: In response to a Member's question on how the Y2K test at Bruce B nuclear generating station was conducted, staff indicated that clocks were advanced to just before midnight on December 31, 1999, and an assessment was made after the transition to the new year.

### Status of Legal Issues

10. Members reviewed with Acting Senior Counsel the report on the Status of Legal Issues; reference BMD 99-45.

### Next meetings of the Board

11. The next meetings of the Board will be held, May 19 and 20, 1999, in Ottawa, Ontario, with an April 28 deadline for submissions and June 17, 1999, in Ottawa, with a May 27 deadline for submissions.

Denison Mines Limited - Denison and Stanrock Mine Facilities

12. P. Farmer and A. Rickaby, Denison Mines Limited, Toronto, Ontario, gave a presentation following BMDs 99-46.1 and 99-47.1 on the company's request to amend the Mining Facility Decommissioning Licences for the Denison and Stanrock Mines, located near Elliot Lake, Ontario. A. Rickaby gave an overview of the mine sites showing past and present views. He noted that the company is endeavouring to return the areas to a useable state. A. Rickaby outlined the measures taken to decommission the sites and noted that effluent levels are being reduced and radiation levels have been reduced to acceptable levels. He stated that the company has expended approximately \$52M since reclamation of the site began and believes that the programs put in place will protect the environment in the long term. In conclusion, A. Rickaby indicated that results of the decommissioning work to date are generally as predicted, that the water cover over the tailings effectively controls acid generation, that radioactivity in effluents is as predicted and that seepages from the Stanrock dams are as expected or better. A. Rickaby concluded by requesting amendments to the Mining Facility Decommissioning Licences for the two facilities.

AECB staff gave a presentation on the subject requests following BMDs 99-46 and 99-47. With respect to Denison Mine, staff outlined the major changes proposed in the licence and noted that the Stanrock Mine licence is also to be revised, but not as extensively.

In response to a Member's question about the reclamation trust which has been established, P. Farmer indicated that the fund will be about \$2M adding that Denison has insurance for \$100M to cover the cost of repairing damage in the event of a dam break. P. Farmer added that Denison has a legal obligation to maintain the dams and would not expect to turn the property back to the Ontario provincial government earlier than 20-30 years from now. Such a transfer, when it occurs, would remove further responsibility by Denison.

B. Lloyd, Northwatch, gave a presentation on the subject requests following BMDs 99-46.2 and 99-47.1. B. Lloyd remarked that decisions are being made in a piecemeal fashion and she is concerned about the process being taken. B. Lloyd reviewed some of the conclusions in the FEARO Panel report including satisfactory success criteria, climatic change and collection of data, establishment of a comprehensive monitoring program, the need for financial assurances, and the need for emergency preparedness plans. B. Lloyd expressed concern about some comments in BMD 99-46 regarding outstanding issues and noted that there are some differences in the current BMD to what was proposed at the time of initial consideration. B. Lloyd also commented on the proposed changes to the

boundary covered in the licence and remarked that the company should develop options to deal with gamma levels. B. Lloyd concluded by noting that she does not object to the licence amendments *per se* but believes that the planned work should be done before the licences are amended, and she indicated that she would like the Board to engage area residents in the decision-making process to a greater extent.

In response to a Member's question about the proposed boundary changes, A. Rickaby indicated that the changes result from spills which occurred in the late 1950s and 1960s which resulted in some contamination to wetland areas. The company plans to leave the contaminated area undisturbed since its removal would likely cause more environmental damage than leaving it. Staff indicated that decisions have not been finalized and the issue is under review, adding that the options suggested by B. Lloyd are being reviewed by staff in conjunction with other agencies.

B. Lloyd indicated that the licensing process should incorporate public views to a greater extent and asked that proposals be brought forward to the public prior to decision-making. P. Farmer stated that Denison has held a public open house and that the company also made a presentation to city council. He remarked that he does not feel that public concern is such that more needs to be done to involve the public. In response to a Member's question on site monitoring, A. Rickaby indicated that monitoring would be done annually, with fish samples taken every five years, and would continue until the company can show that the Serpent River watershed is fully protected. With respect to insurance and the availability of long-term financial resources in the event of damage, AECEB staff indicated that Denison came to an arrangement with the federal and provincial governments and Denison's creditors on financial arrangements. P. Farmer indicated that \$100M insurance (renewed annually) is carried, which was negotiated between Denison and the governments.

Regarding climate change and other issues raised by B. Lloyd, staff indicated that these will be investigated further and considered when the company requests permission to abandon the sites.

(Continued in items 23 and 24)

### McMaster University

13. Members received for initial consideration the presentation of F. Saunders, McMaster University, Hamilton, Ontario, for renewal of the University's Research Reactor Operating Licence; reference BMD 99-49.1. F. Saunders reviewed the facility's products and services, objectives to support long term operation, future viability and priority issues.

AECB staff gave a presentation, following BMD 99-49 and attached overheads, on the subject request. Staff concluded that overall performance has been acceptable, risk to the public and workers is low and that future risk is also predicted to be low.

(continued in item 25)

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

## TRIUMF

14. The Chair stated that Dr. Barnes has indicated to her a possible perceived conflict of interest due to the connection between the applicant and the University of Victoria and that he will not participate in the discussion or deliberation of this item or item 15.

Members received for initial consideration a presentation from AECB staff on the request of TRIUMF, Vancouver, British Columbia, for approval of an amendment to its Commissioning Licence to permit the licensee to proceed to Phase IV of the commissioning process for the Isotope Separator and Accelerator (ISAC) facility; reference BMD 99-50 and attached overheads.

A Member asked about possible licence conditions to deal with outstanding issues. Staff indicated that some issues, such as training, will require additional time on the part of the applicant and staff are not, therefore, proposing additional licence conditions.

(Continued in item 26)

## British Columbia Cancer Agency - Proton Therapy Facility

15. Members received for initial consideration a presentation from AECB staff on the request 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 99-51.

(Continued in item 27)

## British Columbia Cancer Agency - Vancouver Island Cancer Centre

16. Members received for initial consideration a report from AECB staff on the request 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 99-52.

(Continued in item 28)

COGEMA Resources Inc. - McClean Lake Project

17. Members received for initial consideration a presentation from A. de Bourayne, R. Pollock and J. Rowson, COGEMA Resources Inc., Saskatoon, Saskatchewan, on the company's request for an amendment to its McLean Lake Project Mining Facility Operating Licence to permit operation of the JEB Mill and JEB Tailings Management Facility located in northern Saskatchewan; reference BMD 99-53.1 and attached overheads. A. de Bourayne outlined his personal commitment and that of the company to operate in a manner that will ensure that measures are in place to protect the public, workers and the environment. He then outlined the presentation to be given by his staff. J. Rowson reviewed the facility description and operational readiness, the organization chart for McClean Lake operations, and staff training. R. Pollock then discussed radiation protection issues; dose limits and targets; environmental protection and other environment, health, and safety programs; decommissioning and financial assurances. A. de Bourayne continued with a discussion on the management of COGEMA Resources, including the implementation of management change, the management review process, and regulatory interface.

AECB staff then gave a presentation on the subject request following BMD 99-53. Staff discussed background issues, the project description, radiation protection, environmental issues, tailings management, regulatory monitoring and compliance, and reviewed significant changes proposed to the facility licence.

Members discussed with staff and the applicant issues including reporting requirements to the Board, placement of the mine tailings, organizational and management issues, filtration and discharge of contaminated water, decommissioning costs and financing, and filter drain testing.

P. Penna, Canadian Uranium Alliance, gave a presentation on the request following BMDs 99-53.2 and 99-53.2A. P. Penna commented on the inappropriateness of the AECB granting a licence before testing is completed and before requirements set by the AECB have been met. He also questioned whether COGEMA should be allowed to proceed with the project given its past record and if so, why on such a fast track. He stated that the Alliance wishes to gain assurance that the project is safe and is concerned with AECB staff's statement that the project must operate in order for it to be adequately tested.

Members received for consideration a submission from J. Hyshka, Saskatoon Regional Development Authority, in support of the subject request; reference BMD 99-53.3.

(Continued in item 29)

#### Ontario Power Generation Incorporated

18. Members received for information a progress report from AECEB staff on the development of licence conditions to address improvements in the areas of fire protection, quality assurance, maintenance, configuration management and training at its nuclear power stations; reference BMD 99-54. Staff indicated discussions on these issues will also be sought with NB Power and Hydro-Québec.

Members discussed with staff the issue of setting standards for improvement, as opposed to setting time limits.

(The meeting adjourned for lunch from 12:28 p.m. to 1 pm.)

#### Ontario Hydro Nuclear

19. Members received a presentation from R. Osborne and G.C. Andognini, Ontario Power Generation Incorporated (OPG), on the Report of the Independent Review Panel (IRP) on Ontario Hydro (as it was when the review was conducted), and the AECEB staff's review of the Report. R. Osborne introduced OPG staff present at the meeting and gave a presentation following BMD 99-55.1.A. G.C. Andognini continued the presentation by reviewing the key conclusions outlined in the BMD. R. Osborne then summarized the OPG presentation with a reaffirmation of the corporate commitment to working with all employees, the corporation's focus on managing its evolution in response to market and regulatory forces, and the commitment to maintaining a focus on the objectives of safe, reliable and cost-effective operations.

J. Murphy, Power Workers' Union, provided the Union's response to the Report of the IRP; reference BMD 99-55.1. J. Murphy indicated that a monitoring system needs to be implemented to evaluate overall progress and noted that the Union is working with OPG on this matter. He indicated that this is independent of collective bargaining issues and is focussed on safety objectives. J. Murphy concluded that the Power Workers' Union fully endorses the presentation given by OPG and is striving to improve workplace relations and safety.

Members received a presentation from J. Wilson, representing the Society of Ontario Hydro Professional and Administrative Employees, on the report of the Independent Review Panel; reference BMD 99-55.2. J. Wilson indicated that the Society supports the IRP findings and will work with management and the unions to develop solutions. He indicated that employee health, especially stress, is a major factor and outlined joint

health recommendations proposed by the Society. He stated that the Society would like to provide ongoing input to the AECB on issues raised at today's meeting.

Members received for information a written submission from the Canadian Nuclear Workers' Council on the subject report; reference BMD 99-55.3.

Members received a presentation from AECB staff on their review of the IRP report; reference BMD 99-55 and attached overheads. Staff covered topics including the methods used by the IRP, the staff process used in reviewing the report, and provided a summary of the report and conclusions.

Members commented on the thoroughness of the IRP report and asked about changes in approach which are needed by both management and workers in order to achieve IRP recommendations. J. Murphy indicated that the Union's initial response was to resolve issues through the traditional union-management approaches but that it is now apparent that both groups must work closer and new approaches are needed. J. Wilson indicated that the Society must also change in order to foster safety while at the same time working with management on the transition to a new market. A Member asked about the management-employee relationship and indicated that he had expected a more precise response than that presented today. R. Osborne indicated that problems being addressed today began decades ago and provided a brief summary of events. R. Osborne stated that it is difficult to measure progress and cultural change and noted that a whole human resources strategy is needed, not just a management-labour strategy. The Chair remarked that there appears to be acceptance within the company of the need for change and that there is agreement between the regulator, licensee and OPG employees on the Panel's report.

#### Point Lepreau Generating Station - New Brunswick Power

20. The Chair noted that Mr. Graham had indicated to her that he would not participate in the discussion of this matter for reasons previously given pertaining to possible perceived conflict of interest.

Members received for information an update report from R. White and W. Pilkington, New Brunswick Power, on the status of the Performance Improvement Program (PIP) at the Point Lepreau Generating Station, Lepreau, New Brunswick; reference BMD 99-56 and attached overheads. W. Pilkington provided background information and discussed topics including implementation strategy, the effectiveness of the PIP, station performance measures, important achievements, root causes for events, outstanding corrective actions, staffing levels, and operating and maintenance budgets. W. Pilkington noted that the level of reportable

1999-04-22

events and licence non-compliance is still too high but that the number of safety significant events has been reduced. He concluded by noting that NB Power remains committed to continuous improvement and that the organization is optimistic its new organizational initiatives will be effective.

AECB staff provided a commentary on the NB Power update report. Staff reviewed management and supervisory issues at Point Lepreau and discussed the sustainability of results.

Members discussed with the NB Power representatives issues including employee hiring and labour-management relations at the station.

#### Advisory Committees and Group of Medical Advisers

21. Members received for information a status report on the activities of the Advisory Committee on Nuclear Safety, the Advisory Committee on Radiological Protection, and the Group of Medical Advisers to the AECB; reference BMD 99-57.

#### Radiography Incident near Dryden, Ontario

22. Members received for information staff's follow-up report of a radiography incident which occurred near Dryden, Ontario, in June 1997; reference BMD 99-59. Staff described their understanding of the incident, presented a relevant photograph, and noted that the investigation is ongoing. In response to a request from the Chair, staff indicated that a further follow-up report to the Board will be prepared.

ACTION:  
M. DUNCAN

(The meeting continued in camera at 3:15 p.m.)

#### Denison Mines Limited - Denison Mine (Continued from item 12)

23. Having received and heard the presentations and submissions from the applicant, AECB staff and intervenor, the Board approved the issuance of an amendment to the existing Mining Facility Decommissioning Licence to Denison Mines Limited, Toronto, for the Denison Mine near Elliot Lake, Ontario.

DECISION

#### Denison Mines Limited - Stanrock Mine Site (Continued from item 12)

24. Having received and heard the presentations and submissions from the applicant, AECB staff and intervenor, the Board approved the issuance of an amendment to the existing Mining Facility Decommissioning Licence to Denison Mines Limited, Toronto, for the Stanrock Mine near Elliot Lake, Ontario.

DECISION

McMaster University (Continued from item 13)

25. Having received and heard the presentations from the applicant and the AECB staff, the Board gave initial consideration to the application of McMaster University, Hamilton, Ontario, for a Non-Power Reactor Operating Licence for the McMaster Nuclear Reactor, Hamilton, Ontario.

INITIAL  
CONSIDERATION

TRIUMF (Continued from item 14)

26. Having received and heard the presentation of AECB staff, the Board gave initial consideration to the application of TRIUMF, Vancouver, British Columbia, for an amendment to the existing Accelerator Operating Licence for the Isotope Separator and Accelerator Facility (ISAC), Vancouver, B.C.

INITIAL  
CONSIDERATION

British Columbia Cancer Agency (Continued from item 15)

27. Having received and heard the presentation of AECB staff, the Board gave initial consideration to the application of British Columbia Cancer Agency, Vancouver, British Columbia, for an Accelerator Operating Licence for the Proton Therapy Facility at TRIUMF, Vancouver, B.C.

INITIAL  
CONSIDERATION

British Columbia Cancer Agency (Continued from item 16)

28. Having received and heard the presentation of AECB staff, the Board gave initial consideration to the application of British Columbia Cancer Agency, Vancouver, British Columbia, for an Accelerator Operating Licence for the Vancouver Island Centre, Victoria, B.C.

INITIAL  
CONSIDERATION

Cogema Resources Inc. - McClean Lake (Continued from item 17)

29. Having received and heard the presentation and submission from the applicant, AECB staff and intervenor, 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 staff's finding that although the *Canadian Environmental Assessment Act* does not clearly speak to the question of a project that has been the subject of a Panel report, implementation of the government response to the Panel's assessment and recommendations concerning this mining facility are considered to meet the intent of the Act and to reflect the principles of "one project - one assessment" and avoidance of duplication in environmental assessment matters; and,

1999-04-22

- c) gave initial consideration to the amended Mining Facility Operating Licence for the McClean Lake Project to include the operation of the JEB Mill and JEB TMF.

INITIAL  
CONSIDERATION

Closing

30. The meeting closed on consensus at 3:30 p.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

99-39 1999-03-29 (1-3-1-5)

Notice of Meeting  
Avis de convocation

99-40 1999-04-09 (1-3-1-5)

Agenda for the Board Meeting beginning at 8:30 a.m., on Thursday, April 22, 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 jeudi 22 avril 1999 " 8 h 30, dans la salle des audiences publiques, au 14e 1 tage du 280, rue Slater, " Ottawa (Ontario)

99-40.1 1999-04-21 (1-3-1-5)

Agenda for the Board Meeting beginning at 8:30 a.m., on Thursday, April 22, 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 jeudi 22 avril 1999 " 8 h 30, dans la salle des audiences publiques, au 14e 1 tage du 280, rue Slater, " Ottawa (Ontario) - Mise " jour

99-41 1999-04-06 (1-3-1-5)

Preliminary List of Agenda items for the Board meeting of May 19 and 20, 1999

Liste provisoire des points " l'ordre du jour de la r1 union de la Commission des 19 et 20 mai 1999

99-41.1 1999-04-20 (1-3-1-5)

Preliminary List of Agenda items for the Board meeting of May 19 and 20, 1999 - Update

Liste provisoire des points " l'ordre du jour de la r1 union de la Commission des 19 et 20 mai 1999 - Mise " jour

99-42 1999-03-29 (1-3-1-5)

Minutes of the March 25, 1999 Board meeting

ProcMs-verbal de la r1 union de la Commission du 25 mars 1999

99-43 1999-04-06 (1-3-1-5)

Business Arising from Atomic Energy Control Board

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

1999-04-22

99-44 1999-04-06 (1-1-5-0)  
Significant Development Report No. 1999-4  
Rapport des faits saillants n! 1999-4

99-44.1 1999-04-20 (1-1-5-0)  
Significant Development Report No. 1999-4 - Update  
Rapport des faits saillants n! 1999-4 - Mise " jour

99-45 1999-04-06 (2400-6-2)  
Status of Legal Issues  
État des questions juridiques

99-46 1999-04-06 (37-20-8-1)  
Denison Mines Limited, Denison Mine Site Amendment of Mining Facility Decommissioning Licence  
Modification du permis de d1 classement de l'installation miniMre du site Denison de Denison Mines  
Limited

99-46.1 1999-04-06 (1-3-1-7)  
Denison Mines Limited, Denison Mine Site Amendment of Mining Facility Decommissioning Licence  
- Appearance by Denison Mines Limited  
Modification du permis de d1 classement de l'installation miniMre du site Denison de Denison Mines  
Limited - Intervention par Denison Mines Limited

99-46.2 1999-04-06 (1-3-1-7)  
Denison Mines Limited, Denison Mine Site Amendment of Mining Facility Decommissioning Licence  
- Appearance by Northwatch  
Modification du permis de d1 classement de l'installation miniMre du site Denison de Denison Mines  
Limited - Intervention par Northwatch

99-47 1999-04-06 (37-20-8-0)  
Denison Mines Limited, Stanrock Mine Site Mining Facility Decommissioning Licence  
Permis de d1 classement de l'installation miniMre du site Stanrock de Denison Mines Limited

99-47.1 1999-04-16 (1-3-1-7)  
Denison Mines Limited, Stanrock Mine Site Mining Facility Decommissioning Licence - Submission  
from Northwatch  
Permis de d1 classement de l'installation miniMre du site Stanrock de Denison Mines Limited -  
M1 moire de Northwatch

99-48 1999-04-06 (26-1-62-0-0)

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

Énergie atomique du Canada limitée - Permis d'exploitation pour les réacteurs MAPLE 1 et 2 aux laboratoires de Chalk River

99-48.1 1999-04-06 (1-3-1-7)

Atomic Energy of Canada Limited - Operating Licence for the MAPLE 1 and 2 Reactors at the Chalk River Laboratories - 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 - Intervention par l'énergie atomique du Canada limitée

99-48.2 1999-04-06 (1-3-1-7)

Atomic Energy of Canada Limited - Operating Licence for the MAPLE 1 and 2 Reactors at the Chalk River Laboratories - 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 - Intervention par Concerned Citizens of Renfrew County and Area

99-49 1999-04-06 (26-1-1-1-0)

McMaster University - Renewal of Research Reactor Operating Licence

Université de McMaster - Renouvellement du permis d'exploitation du réacteur de recherche

99-49.1 1999-04-06 (1-3-1-7)

McMaster University - Renewal of Research Reactor Operating Licence - Appearance by McMaster University

Université de McMaster - Renouvellement du permis d'exploitation du réacteur de recherche - Intervention par l'Université McMaster

99-50 1999-04-06 (29-1-1-5-0 / 29-1-1-0-0)

TRIUMF - Approval of Phase IV of 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)

99-51 1999-04-06 (29-1-1-0-0)

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'accélérateur protonique pour l'installation de thérapie de proton " TRIUMF

1999-04-22

99-52 1999-04-06 (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

99-53 1999-04-08 (22-C2-123-1)

COGEMA Resources Inc. - McClean Lake Project Amendment of Operating Licence

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

99-53.1 1999-04-06 (1-3-1-7)

COGEMA Resources Inc. - McClean Lake Project Amendment of Operating Licence - Appearance by COGEMA Resources Inc.

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

99-53.2 1999-04-06 (1-3-1-7)

COGEMA Resources Inc. - McClean Lake Project Amendment of Operating Licence - Appearance by Canadian Uranium Alliance

COGEMA Resources Inc. - Modification du permis d'exploitation de l'installation projet McClean Lake - Intervention par Canadian Uranium Alliance

99-53.2A 1999-04-19 (1-3-1-7)

COGEMA Resources Inc. - McClean Lake Project Amendment of Operating Licence - Appearance by Canadian Uranium Alliance - Update

COGEMA Resources Inc. - Modification du permis d'exploitation de l'installation projet McClean Lake - Intervention par Canadian Uranium Alliance - Mise " jour

99-53.3 1999-04-06 (1-3-1-7)

COGEMA Resources Inc. - McClean Lake Project Amendment of Operating Licence - Submission from Saskatoon Regional Economic Development Authority

COGEMA Resources Inc. - Modification du permis d'exploitation de l'installation projet McClean Lake - M1moire de Saskatoon Regional Economic Development Authority

99-54 1999-04-06 (26-7-0-0-0)

AECB Staff Report on Proposed Licence Conditions for Ontario Power Generation Incorporated Power Reactors Based on NAOP/ Integrated Improvement Program Milestones

Rapport des agents de la CCEA sur les conditions de permis proposées pour les centrales nucléaires d'Ontario Power Generation Incorporated d'après le NAOP

99-55 1999-04-06 (26-1-0-0-0)

AECB Staff Review of the Report of the Independent Review Panel on Ontario Hydro Nuclear  
AECB Staff Review of the Report of the Independent Review Panel on Ontario Hydro Nuclear

99-55.1 1999-04-06 (1-3-1-7)

AECB Staff Review of the Report of the Independent Review Panel on Ontario Hydro Nuclear -  
Appearance by Ontario Power Generation Inc. and Power Workers' Union  
AECB Staff Review of the Report of the Independent Review Panel on Ontario Hydro Nuclear -  
Intervention par Ontario Power Generation Inc. et le Syndicat des travailleurs et travailleuses du  
secteur 1 nerg1 tique

99-55.1A 1999-04-21 (1-3-1-7)

AECB Staff Review of the Report of the Independent Review Panel on Ontario Hydro Nuclear -  
Submission from Canadian Nuclear Workers' Council - Updated submission  
AECB Staff Review of the Report of the Independent Review Panel on Ontario Hydro Nuclear -  
M1 moire du Conseil canadien des travailleurs du nucl1 aire - M1 moire " jour

99-55.2 1999-04-06 (1-3-1-7)

AECB Staff Review of the Report of the Independent Review Panel on Ontario Hydro Nuclear -  
Appearance by The Society of Ontario Hydro Professional and Administrative Employees  
AECB Staff Review of the Report of the Independent Review Panel on Ontario Hydro Nuclear -  
Intervention par The Society of Ontario Hydro Professional and Administrative Employees

99-55.3 1999-04-06 (1-3-1-7)

AECB Staff Review of the Report of the Independent Review Panel on Ontario Hydro Nuclear -  
Submission from Canadian Nuclear Workers' Council  
AECB Staff Review of the Report of the Independent Review Panel on Ontario Hydro Nuclear -  
M1 moire du Conseil canadien des travailleurs du nucl1 aire

99-56 1999-04-06 (1-3-1-7)

Status of Performance Improvement Program at Point Lepreau Generating Station  
État d'avancement du programme d'am1 lioration de la centrale Point Lepreau

99-57 1999-04-06 (13-1-28-0; 13-1-29-0; 20-1-9-0)

Report on Activities of the Advisory Committees and of the Medical Advisers  
Rapport d'activit1 s des comit1 s consultatifs et des conseillers m1 dicaux

99-58 1999-04-06 (15-200-28-0-0)

1999-04-22

Radium Licensing  
Processus de permis - radium

99-59 1999-04-06 (1-1-17-0 ; 15-1-11324)

Possible Radiation Injury to a Worker near Dryden, Ontario

Possibilit1 de blessure radiologique pour un travailleur prMs de Dryden (Ontario)