

Minutes of the 290th Meeting of the Atomic Energy Control Board held in the Public Hearing Room, AECB Offices, 280 Slater Street, Ottawa, Ontario, Thursday, June 17, 1999, beginning at 8:30 a.m.

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
B. Shaffer, Senior Counsel (for part)
A. Nowack, Senior Counsel (for part)
B. Gerestein, Recording Secretary

Board staff advisers were R. Aubrey, J. Blyth, K. Bragg, R. Cawthorn, F. De Pasquale, M. Duncan, B. Howden, R. Irwin, T. Jenkin, R. Keeffe, I. Malek, R. McCabe, C. McDermott, M. Taylor, P. Thompson 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 99-78) 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 May 19 and 20, 1999, Board Member Documents BMD 99-78 to BMD 99-92 had been distributed to Members. These documents are further detailed in Annex A of these minutes.

Adoption of Agenda

4. The updated agenda, BMD 99-79.1, was adopted as presented.

DECISION

Preliminary List of Agenda Items for the August 12, 1999, Board Meeting

5. Members received for information the updated preliminary list of agenda items for the next meeting of the Board, August 12, 1999; reference BMD 99-80.1.

Minutes of the 289th Meeting of the Board, May 19 and 20, 1999

6. On motion duly moved and seconded, the Board approved the draft minutes of the 289th meeting; reference BMD 99-81.

DECISION

Business Arising

7. The Board received for information the report on business arising from the previous minutes, as itemized in BMD 99-82.

Significant Development Report

8. Members reviewed Significant Development Report No. 1999-6 with staff who provided updates; reference BMD 99-83 and 99-83.1.

Power Reactors: The Chair noted that J. Harvie, Director General of the Reactor Regulation Directorate, will be absent for an extended period and has been replaced in an acting capacity by M. Taylor.

Materials Regulation: Staff provided an update on gauges stolen at the University of Saskatchewan and indicated that the investigation is ongoing.

Status of Legal Issues

9. Members reviewed with Senior Counsel the report on the Status of Legal Issues; reference BMD 99-84.

Next meetings of the Board

10. The next meetings of the Board will be held August 12, 1999, in Ottawa, Ontario, with a July 22 deadline for submissions and October 7, 1999, in Port Hope, Ontario, with a September 16 deadline for submissions.

COGEMA Resources Inc.- McClean Lake

11. Members received a presentation from A. de Bourayne, R. Pollock and J. Rowson on the application of COGEMA Resources Inc., Saskatoon, Saskatchewan, for an amendment to the McClean Lake Project Mining Facility Operating Licence to operate the JEB Mill and the JEB Tailings Management Facility in addition to the currently authorized facilities; reference BMD 99-85.1 and attached overheads. R. Pollock provided recent operational highlights concerning COGEMA's Cluff Lake facility and then provided an update regarding the McClean Lake facility, focussing on activities at the site including construction and commissioning, drain rock placement and testing results. J. Rowson

continued the presentation with a review of year 2000 (Y2K) compliance issues, program approvals, staffing and training. A. de Bourayne continued the presentation with a discussion of the decommissioning plan, financial assurance and management issues. He concluded by requesting an amendment of the McClean Lake Operating Licence to permit operation of the JEB Mill and Tailings Management Facility.

AECB staff gave a presentation on the subject request following BMD 99-85 and attachment. Staff provided an update on the filterdrain construction and reviewed topics including environmental effects monitoring, compliance with the *Canadian Environmental Assessment Act* (CEAA), public comments, Y2K issues, financial assurance and cost recovery.

In response to a Member's question about uncertainties regarding chemicals in the pit and the need for operational experience to evaluate the system, staff indicated that corrective actions could be taken if harmful effects became evident, including the cessation of tailings placement into the facility. Staff added that they have taken a conservative approach to evaluating the issue of possible contamination in the event of an incident; for instance they considered that all such impacts would be to neighbouring Fox Lake, even though exceeding environmental standards would be unlikely.

The Chair noted that some intervenor submissions are dated after the deadline for submissions. The Chair indicated that in future, late submissions will not be considered unless they are received at least five days before the meeting and clearly present new information.

P. Penna, Canadian Uranium Alliance, provided a brief overview of the organization then gave a presentation following BMDs 99-85.2 and 99-85.2A. P. Penna focussed on the issue of credibility and asked the Board to consider which of the participants is most credible: AECB staff, provincial authorities, the applicant or intervenors. He opposed the application for the licence amendment proposed by COGEMA Resources Inc., concluding that the applicant is the least credible.

Members received for consideration the following submissions:

CBMD 99-85.3 from J. Strnad;
CBMDs 99-85.4 and 99-85.4A from W.R. Adamson;
CBMDs 99-85.5 and 99-85.5A from M. Shiel;
CBMD 99-85.6 and 99-85.6A and attachments from M. and J. Penna; and
CBMD 99-85.7 from E. Benoanie, Prince Albert Grand Council.

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.

In reply to a Member's question about apparent differences in arsenic levels contained in Canadian versus Saskatchewan water standards, AECB staff indicated that these values are now different but were the same when the project commenced. The Chair asked AECB staff about a question posed in W.R. Adamson's submission regarding the role of Saskatchewan Environment and Resource Management (SERM). Staff noted that requirements related to conventional health and safety are administered by Human Resources Development Canada but that the Province does carry out investigations in this area. The Chair indicated that the AECB has been working for many years with SERM to reduce regulatory duplication and overlap.

In response to an intervenor's comments regarding the AECB's licensing process, the Chair noted that the Board is under no obligation or pressure to give an operating licence following the granting of a construction licence. The Chair added that the risks associated with a staged licensing process are assumed by the licence applicant.

Regarding the submission of M. Shiell, the Chair asked AECB staff about the effects of alpha radiation on biota. Staff indicated that no specific data is available for fish but experimental data on animals and cells exists. Staff indicated, with information available, that there is no reason to believe that effects on fish would differ from that on other life forms and that effects are very small and difficult to ascertain in the field given the number of intervening factors. Staff added that the effects of polonium have been included in assessments.

Regarding the submission of M. and J. Penna, the Chair asked staff to clarify comments regarding remedial actions which could be undertaken if the filterdrain does not function as planned. Staff indicated that contingencies can be implemented to reduce harmful effects, including stopping the placement of tailings, but it would be difficult to alter the filterdrain system itself.

(Continued in item 19)

McMaster University

12. Members received a presentation from AECB staff on the application of McMaster University, Hamilton, Ontario, for renewal of its Research Reactor Operating Licence; reference BMD 99-86 and attached overheads.

In response to a Member's question on when the last emergency exercise occurred, F. Saunders, representing McMaster University, responded that an exercise last took place in 1996. He indicated that a future exercise has not been planned but that plans are updated routinely. AECB staff indicated that exercises should be more frequent, perhaps on a 2-3 year basis.

(Continued in item 20)

Centre hospitalier régional de Trois-Rivières

13. Staff provided a review of the rationale for requesting a change in the licensing process for medical accelerators whereby such applications would be dealt with in a single meeting. Members agreed with the revised process but noted that construction and operation would continue to be dealt with separately.

Members then received a presentation from AECB staff on the application of the Centre hospitalier régional de Trois-Rivières, Trois-Rivières, Quebec, for a Particle Accelerator Operating Licence; reference BMD 99-87.

(Continued in item 21)

Cancer Care Ontario - Toronto-Sunnybrook Regional Cancer Centre

14. Members received a presentation from AECB staff on the application of Cancer Care Ontario for construction of particle accelerator facility at the Toronto-Sunnybrook Regional Cancer Centre, Toronto, Ontario; reference BMD 99-88. (Continued in item 22)

(The meeting recessed for 15 minutes at 10:00 a.m.)

Ontario Power Generation Inc. - Bruce Nuclear Generating Station B

15. Members received for initial consideration a presentation from B. McTavish accompanied by R. Nixon, M. Burke, C. Jobe and L. Durham, Ontario Power Generation Inc. (OPG), for renewal of the operating licence for the Bruce Nuclear Generating Station B, Township of Bruce, Ontario; reference BMD 99-89.1. B. McTavish reviewed station

performance during the past licensing period including containment and Y2K testing. R. Nixon then discussed the status of work programs at the facility including jumper backlogs, corrective actions, compliance with licence conditions and regulations, public safety events, training, environmental qualification, fire protection and radiation safety. R. Nixon concluded with a request for renewal of the operating licence for the facility for a period of two years.

In response to a Member's question on the licensee's relationship with the community, R. Nixon indicated that Ontario Power Generation staff have regular meetings with local officials and the public and that the company publishes a regular newsletter. He added that tours for the public continue and improvements to the program have been made. R. Nixon also indicated that efforts have been undertaken to meet with local interest groups. Regarding the implementation of the fire protection program, R. Nixon indicated that the full assessment program is due to be completed shortly and a draft exists now. He indicated that the timing for undertaking changes will depend on the assessment results. In response to a question from the Chair about the "predefineds" backlog, R. Nixon outlined the process being followed noting that the "one week's worth of work" referred to on page 7 of the BMD is somewhat misleading and does not indicate that all work will be completed within one week.

AECB staff gave a presentation on the relicensing request following BMDs 99-89 and 99-89.A and attached overheads. Staff reviewed overall station performance and noted that issues concerning public comments on the proposal, the licensing basis, the licensee's performance during the previous licensing period, decommissioning and financial assurances, and applicability of the CEAA are covered in the original BMD. Staff then reviewed the basis for their recommendations and summarized 10 focus areas: maintenance and ageing, configuration management, environmental qualification, performance assurance, licence and regulations non-compliance, radiation safety, environmental monitoring, fire protection, training, and void reactivity error allowance.

In response to a Member's question on safeguards, B. McTavish indicated that the IAEA is responsible for the payment and installation of their equipment and that OPG is providing the information required by the IAEA. In reply to a Member's question about the number of conditionally acceptable items noted in the AECB staff BMD, and the procedures for reducing them, AECB staff indicated that they are consciously looking at the licensing plan for the facility and that if a two-year licence were granted, a mid-term report would be provided focussing on these issues. Members then discussed with AECB staff uncertainties regarding the positive void coefficient discussed on page 80 of the BMD. AECB staff indicated that the uncertainty is in respect to measuring the value and is a

common issue with all CANDU reactors. Staff noted that the options for remediation include derating the facility by lowering the power level at which the reactors may operate.

The Chair posed a number of questions referencing specific sections of the AECB staff BMD, they are summarized as follows: with respect to licensing conditions, noted in the last paragraph of p. 2, which could be put in place staff indicated that they would come forward with detailed information at the November meeting of the Board; regarding section 2.3 relating to First Nations' concerns, OPG indicated that the corporation is working with First Nations groups to address their specific concerns; regarding section 3.3.2 on fuel handing, OPG indicated that it has met its commitment; regarding section 3.3.4 on safety report updates, OPG could not provide a response today on whether they are on track to provide the additional information by the date required; regarding 3.4.1 on shutdown state requirements, staff are satisfied that adequate interim measures are in place; regarding 3.4.3 on a large loss of coolant accident, staff indicated that this issue is linked to the coefficient uncertainty issue discussed earlier; on 3.5.8 regarding research on molten fuel-moderator interaction, AECB staff indicated that funding would be delayed and this is the first time they can recall that a lack of research funding has been used as a reason for delay in safety-related work; on 4.1.2.2 regarding maintenance backlogs, OPG indicated that 100 backlogs per unit as an industry target and that the OPG target is now 300 and is being reduced to 200. Industry targets will not likely be met until 2000 or 2001; on 4.1.4.1 regarding technical surveillance, OPG indicated that this has now been implemented; on 4.1.6.2 regarding PVC cables, staff indicated that the chance of exceeding 120°C for more than one hour is extremely slight; on 4.2.2 on corrective actions, OPG indicated that procedural adherence is the main reason for the rejection of corrective actions and that conducting effective root cause analysis is another important factor; on 4.4.1 regarding failure rate of candidates, OPG indicated that results show an 87% pass rate which is the industry average; on 4.4.3 regarding training and qualification, a redrill has been conducted; on 4.6.1.2 regarding radionuclides in the environment, at the time of writing the BMD cesium results were not available for the last two years but recently reviewed 1998 results do not indicate an increasing trend; on 4.7.1 regarding nuclear security, AECB staff indicated that the current security report is outdated and a new report is due before July 31, 1999; on 4.7.2 regarding security exercises, OPG indicated that an exercise will be conducted this year at Bruce B; on 4.8.3 regarding storage of cobalt, OPG will confirm the long-term storage of cobalt at Bruce B and will provide the design information on long-term storage which would meet IAEA specifications.

Members received for consideration a submission from S. Kleinau, Citizens for Renewable Energy; reference BMDs 99-89.2 and 99-89.2A.

(Continued in item 23)

Staff Annual Report on the Canadian Nuclear Power Industry

16. Members received for information the AECB staff annual report for 1998 on the Canadian nuclear power industry; reference BMD 99-90 and attached overheads. Staff corrected two errors in the report: "Six of the seven..." in the sixth line of page 5 should be "All seven...", and the words "except Gentilly-2" in the second line on page 14 should be deleted.

Staff provided summaries on issues relating to health and safety, security, environment and areas requiring staff follow-up. The Chair noted that correspondence has been received from NB Power indicating that the quality assurance issue, marked with a red dot in the graph on page 32 of the BMD, is being dealt with.

COGEMA Resources Inc. - Cluff Lake Project

17. Members received for information the AECB staff report on Snake Lake contamination incidents that occurred in 1997 and 1998 at the Cluff Lake Project, operated by COGEMA Resources Inc., in northern Saskatchewan; reference BMD 99-91. A Member asked if the persons involved in this incident were still in their same position. A. de Bourayne indicated that mine management and staffing has changed, that procedural changes have been implemented, and that if a similar incident occurred in future it would be handled differently.

Nuclear Gauge Incident

18. Members received for information the AECB staff update report on a March 11, 1999, incident in Labrador City, Newfoundland, where the wrong shutter was used to shield a nuclear gauge; reference BMD 99-92. Staff noted that all gauge radioisotope licensees were informed of the potential hazard and will be provided with a modification kit from the gauge manufacturer.

(The meeting continued in camera at 11:58 a.m.)

COGEMA Resources Inc.- McClean Lake (Continued from item 11)

19. Having received and heard the presentations and submissions of the applicant, AECB staff and intervenors, the Board

1999-06-17

a) accepted the 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,

c) approved the issuance of an amendment to the existing Mining Facility Operating Licence to COGEMA Resources Inc., Saskatoon, Saskatchewan, for the McClean Lake Project in northern Saskatchewan, to include the operation of the JEB Mill and JEB Tailings Management Facility.

DECISION

Members agreed to prepare written reasons for their decision, to be made publicly available at the earliest opportunity.

McMaster University (Continued from item 12)

20. Having received and heard the presentations from the applicant and the AECB staff, the Board approved the issuance of a Non-Power Reactor Operating Licence to McMaster University, Hamilton, Ontario, for the McMaster Nuclear Reactor, for a three-year period to June 30, 2002.

DECISION

Centre Hospitalier régional de Trois-Rivières (Continued from item 13)

21. Having received and heard the presentation of AECB staff, the Board approved the issuance of an Accelerator Operating Licence to the Centre Hospitalier régional de Trois-Rivières, Trois-Rivières, Quebec, for a four-year period to June 17, 2003.

DECISION

Cancer Care Ontario - Toronto-Sunnybrook Regional Cancer Centre (Continued from item 14)

22. Having received and heard the presentation of AECB staff, the Board approved the issuance of an Accelerator Construction Approval to Cancer Care Ontario, for the Toronto-Sunnybrook Regional Cancer Centre, Toronto, Ontario, for a four-year period to June 17, 2003.

DECISION

Ontario Power Generation Inc. - Bruce Nuclear Generating Station B
(Continued from item 15)

23. Having received and heard the presentations from the applicant, AECB staff and intervenors, the Board gave initial consideration to the application of Ontario Power Generation Incorporated, Toronto, Ontario, for a Nuclear Power Reactor Operating Licence for the Bruce Nuclear Generating Station B, Township of Bruce, Ontario.

INITIAL
CONSIDERATION

Next Meeting of the Board

24. The next meeting of the Board will be held August 12, 1999, in Ottawa.

Closing

25. The meeting closed on consensus at 12:20 p.m.

Chair

Recording Secretary

Secretary

1999-06-17

ANNEX A / ANNEXE A

BMD DATE File No / No de dossier

99-78 1999-05-21 (1-3-1-5)

Notice of Meeting
Avis de convocation

99-79 1999-06-01 (1-3-1-5)

Agenda of the 290th Meeting of the Atomic Energy Control Board to be held in the Public Hearing Room, 14th floor, 280 Slater Street, Ottawa, Ontario
Ordre du jour de la 290e 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)

99-79.1 1999-06-15 (1-3-1-5)

Agenda of the 290th Meeting of the Atomic Energy Control Board to be held in the Public Hearing Room, 14th floor, 280 Slater Street, Ottawa, Ontario - Update
Ordre du jour de la 290e 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) - Mise " jour

99-80 1999-06-01 (1-3-1-5)

Preliminary List of Agenda items for the Board meeting of August 12, 1999
Liste provisoire des points " l'ordre du jour de la r1 union de la Commission du 12 ao%t 1999

99-80.1 1999-06-14 (1-3-1-5)

Preliminary List of Agenda items for the Board meeting of August 12, 1999 - Update
Liste provisoire des points " l'ordre du jour de la r1 union de la Commission du 12 ao%t 1999 - Mise
" jour

99-81 1999-05-27 (1-3-1-5)

Minutes of the May 19 & 20, 1999 Board meeting
ProcMs-verbal de la r1 union de la Commission des 19 et 20 mai 1999

99-82 1999-05-28 (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

99-83 1999-05-27 (1-1-5-0)
Significant Development Report No. 1999-6
Rapport des faits saillants n! 1999-6

99-83.1 1999-06-14 (1-1-5-0)
Significant Development Report No. 1999-6 - Update
Rapport des faits saillants n! 1999-6 - Mise " jour

99-84 1999-06-01 (2400-6-2)
Status of Legal Issues
État des questions juridiques

99-85 1999-06-01 (22-C2-123-1)
COGEMA Resources Inc. - McClean Lake Project Amendment to Operating Licence
COGEMA Resources Inc. - Modification du permis d'exploitation de l'installation projet McClean Lake

99-85.1 1999-05-31 (1-3-1-7)
COGEMA Resources Inc. - McClean Lake Project Amendment to 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.

99-85.2 1999-05-28 (1-3-1-7)
COGEMA Resources Inc. - McClean Lake Project Amendment to 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

99-85.2A 1999-06-11 (1-3-1-7)
COGEMA Resources Inc. - McClean Lake Project Amendment to 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

99-85.3 1999-05-28 (1-3-1-7)
COGEMA Resources Inc. - McClean Lake Project Amendment to Operating Licence - Submission from Dr. Jiri Strnad

1999-06-17

COGEMA Resources Inc. - Modification du permis d'exploitation de l'installation projet McClean Lake - M1 moire de monsieur Jiri Strnad

99-85.4 1999-05-28 (1-3-1-7)

COGEMA Resources Inc. - McClean Lake Project Amendment to Operating Licence - Submission from Dr. William R. Adamson

COGEMA Resources Inc. - Modification du permis d'exploitation de l'installation projet McClean Lake - M1 moire de monsieur William R. Adamson

99-85.4A 1999-06-11 (1-3-1-7)

COGEMA Resources Inc. - McClean Lake Project Amendment to Operating Licence - Submission from Dr. William R. Adamson - Update

COGEMA Resources Inc. - Modification du permis d'exploitation de l'installation projet McClean Lake - M1 moire de monsieur William R. Adamson - Mise " jour

99-85.5 1999-05-28 (1-3-1-7)

COGEMA Resources Inc. - McClean Lake Project Amendment to Operating Licence - Submission from Mrs. Maisie Shiell

COGEMA Resources Inc. - Modification du permis d'exploitation de l'installation projet McClean Lake - M1 moire de madame Maisie Shiell

99-85.5A 1999-06-11 (1-3-1-7)

COGEMA Resources Inc. - McClean Lake Project Amendment to Operating Licence - Submission from Mrs. Maisie Shiell - Update

COGEMA Resources Inc. - Modification du permis d'exploitation de l'installation projet McClean Lake - M1 moire de madame Maisie Shiell - Mise " jour

99-85.6 1999-05-28 (1-3-1-7)

COGEMA Resources Inc. - McClean Lake Project Amendment to Operating Licence - Submission from Mrs. Marion and Dr. James Penna

COGEMA Resources Inc. - Modification du permis d'exploitation de l'installation projet McClean Lake - M1 moire de Mme Marion et M. James Penna

99-85.6A 1999-06-11 (1-3-1-7)

COGEMA Resources Inc. - McClean Lake Project Amendment to Operating Licence - Submission from Mrs. Marion and Dr. James Penna - Update

COGEMA Resources Inc. - Modification du permis d'exploitation de l'installation projet McClean Lake - M1 moire de Mme Marion et M. James Penna - Mise " jour

99-85.7 1999-05-28 (1-3-1-7)

COGEMA Resources Inc. - McClean Lake Project Amendment to Operating Licence - Submission from Prince Albert Grand Council

COGEMA Resources Inc. - Modification du permis d'exploitation de l'installation projet McClean Lake - M1 moire de Grand conseil de Prince Albert

99-86 1999-06-01 (26-1-1-1-0)

McMaster University - Renewal of Research Reactor Operating Licence

Universit1 de McMaster - Renouvellement du permis d'exploitation du r1 acteur de recherche

99-87 1999-06-01 (29-1-74-1-0)

Centre hospitalier r1 gional de Trois-RiviMres - Particle Accelerator Nuclear Facility Operating Licence

Centre hospitalier r1 gional de Trois-RiviMres - Permis d'exploitation d'une installation nucl1 aire d'acc111 rateur de particules

99-88 1999-06-01 (29-1-28-13-0)

Cancer Care Ontario, Toronto-Sunnybrook Regional Cancer Centre - Particle Accelerator Nuclear Facility Construction Approval

Action Cancer Ontario - Centre r1 gional de canc1 rologie de Toronto- Sunnybrook - Approbation de construire une installation d'acc111 rateur de particules

99-89 1999-06-01 (26-1-0-0-0)

Ontario Power Generation - Renewal of Bruce Nuclear Generating Station B Operating Licence

Ontario Power Generation - Renouvellement du permis d'exploitation de centrale Bruce B

99-89.A 1999-06-15 (26-1-0-0-0)

Ontario Power Generation - Renewal of Bruce Nuclear Generating Station B Operating Licence - Update

Ontario Power Generation - Renouvellement du permis d'exploitation de centrale Bruce B - Mise " jour

99-89.1 1999-06-01 (1-3-1-7)

Ontario Power Generation - Renewal of Bruce Nuclear Generating Station B Operating Licence- Appearance by Ontario Power Generation

Ontario Power Generation - Renouvellement du permis d'exploitation de centrale Bruce B - Intervention par Ontario Power Generation

1999-06-17

99-89.2 1999-06-01 (1-3-1-7)

Ontario Power Generation - Renewal of Bruce Nuclear Generating Station B Operating Licence - Submission from Citizens for Renewable Energy

Ontario Power Generation - Renouvellement du permis d'exploitation de centrale Bruce B - M1 moire du Citizens for Renewable Energy

99-89.2A 1999-06-11 (1-3-1-7)

Ontario Power Generation - Renewal of Bruce Nuclear Generating Station B Operating Licence - Submission from Citizens for Renewable Energy - Update

Ontario Power Generation - Renouvellement du permis d'exploitation de centrale Bruce B - M1 moire du Citizens for Renewable Energy - Mise " jour

99-90 1999-06-01 (26-1-0-0-0/1-3-1-5)

AECB staff Annual Report for 1998 on the Canadian Nuclear Power Industry

Rapport annuel des agents de la CCEA sur les centrales nucléaires au Canada en 1998

99-91 1999-06-01 (22-C1-123-1)

AECB Staff Report on the Contamination of Snake Lake at COGEMA Resources Inc.'s Cluff Lake Project

Rapport des agents de la CCEA sur la contamination du lac Snake au site de Cluff Lake de COGEMA Resources Inc.

99-92 1999-06-01 (1-1-17-3)

AECB staff update on an incident where the wrong shutter was used to shield a nuclear gauge

Mise " jour, des agents de la CCEA, sur le mauvais obturateur utilisé pour assurer le blindage d'une jauge nucléaire