

Advisory Council to the
Nuclear Waste Management Organization

Record of Discussion: May 27-28, 2013 Meeting

Record of discussion of the meeting of the Advisory Council to the
Nuclear Waste Management Organization (NWMO) /
Société de gestion des déchets nucléaires (sgdn)

Convened at 22 St. Clair Avenue East, Toronto, Ontario,
commencing at 9:00 a.m. EDT On May 27 and 28, 2013

Advisory Council Members Present:

Hon. David Crombie Council Chairman
David Cameron
Marlyn Cook
Wesley Cragg
Fred Gilbert
Eva Ligeti
Derek Lister
Dougal McCreath
Donald Obonsawin
Michel Rhéaume

NWMO Staff Present:

Ken Nash President and CEO
Kathryn Shaver VP, APM Engagement and Site Selection
Gillian Morris Assistant Board Secretary

Contributing Staff:

Mahrez Ben Belfadhel Director, APM Geoscience
Angelo Castellan VP, Environmental Assessment & Corporate Support (Day 2,
Item 5 & 6)
Jo-Ann Facella Director, Social Research & Dialogue
John Fraser Director, Community Engagement (Day 1 only)
Lisa Frizzell Director, Corporate Affairs
Paul Gierszewski Director, Repository Safety (Day 1 only)
Chris Hatton Director, APM Repository Design Development (Day 1, Day 2
Items 5 & 6)
Frank King VP, Chief Engineer OPG DGR Licensing and QA (Day 2, Items 5
& 6)
Mike Krizanc Communications Manager (Day 2 only)
Elena Mantagaris Director, Government & External Relations
Pat Patton Director, Aboriginal Relations
Ron Ross Manager, Used Fuel Transportation (Day 1, Items 1-3)
Sean Russell Director, APM Repository Research and Development
Bob Watts Director, Aboriginal Community Relations
Derek Wilson VP, L&ILW DGR Design & Construction (Day 2, Items 5&6)

Guest

Suzanne Barrett Writer for Advisory Council

ADVISORY COUNCIL BUSINESS

1. Constitution of Meeting / Approval of Agenda

The Chairman called the meeting to order at 9:00 a.m. The agenda was agreed as written.

2. Minutes of Previous Meeting

The Advisory Council reviewed and approved the record of the previous meetings, convened on January 28, 2013 and February 11, 2013 with some editorial changes suggested by Council.

STANDING ITEMS AND UPDATES FROM NWMO

3. Transportation

Further to the Advisory Council's request, a dedicated session to focus on transportation of used fuel was held. Staff reviewed how transportation safety had been considered in the context of the preliminary assessments of communities. Staff also reviewed public outreach to date and spoke about the areas of societal interest associated with transportation.

Council members had a lengthy discussion with NWMO's transportation specialists about transportation safety. Council engaged with staff in discussion of the dialogues to date on transportation, and plans for expanding the dialogue. In reviewing NWMO presentation material, Council suggested refinements and elaboration to provide clarity in public communication of transportation safety. A Council member proposed that it would be helpful to have a single document available for the public that addressed technical safety, regulation and other areas of public interest. Staff reported that a 25-page booklet had been produced for this purpose. The booklet was made available to Council during the meeting. NWMO noted it would be continuing to expand its public material and exhibits on transportation.

A Council member requested further details to support the statement that the NWMO static drop-testing of the transportation canister was in fact a more severe test than the UK test of running a high speed train into a stationary cask.(*)

4. Status Update on Site Selection and Preliminary Assessments

At the request of Council, significant time on Council's agenda was devoted to detailed presentations on the Phase 1 Preliminary Assessments in progress and next steps.

Kathryn Shaver introduced the session, providing Council members with an update on the status of the 21 communities engaged in the APM siting process. She discussed the timeframes for the 2013 completion of the first eight preliminary assessments, the 2014 completion date for the remaining 12-13 assessments, and a preview of plans for field work that would commence in 2014, with communities selected to advance to Phase 2 of Step 3 in the siting process.

Staff provided extensive presentations on the contributing components of the assessments in the areas of:

- Geoscience;
- Community Well Being and Engagement;
- Environment and Safety;
- Engineering and Cost; and
- Transportation

Advisory Council discussion and guidance was invited on NWMO's next steps with preliminary assessments.

Council members discussed NWMO's overall approach to the preliminary assessments. Council believed NWMO adopted the right approach to the assessments and noted the approach is trackable and transparent. Staff were congratulated on their work.

Council advised on communications planning as NWMO prepares to release the first set of assessment findings in Fall 2013. The Council encouraged NWMO to provide direct briefings to the Mayors of each community and encouraged NWMO to then work with the Mayors on communicating the results to the broader community.

Council provided advice on the structure of the assessment reports and contents:

- One Council member proposed that environment sections of the reports should recognize explicitly not only impacts to be mitigated or managed, but also the positive opportunities for the APM project to make real and substantive enhancements to the community's environmental management and sustainability initiatives.
- Council urged that the summary assessment reports include reference to how Aboriginal Traditional Knowledge had been considered and would be considered in future phases. Staff confirmed that this information, presently in background reports, would be carried forward to the summaries.
- Council members urged NWMO to include an executive summary in layman's terms, to precede the more technical streams of assessment reporting. Council urged that the summary be developed in a way that would resonate with the communities involved, and reflect their contribution, the collaboration on the assessments and the full journey that each community has taken since its engagement with NWMO. Council members also emphasized that the results of the assessment are a result of a dialogue with the community and this should be reflected in the report.

Council discussed with NWMO the planned timing for the release of the results of the assessments reports and how communities' views might be included. NWMO reported to Council that an upcoming meeting was planned with community leaders from the eight communities. The meeting agenda was shared with Council. The meeting to be convened in Toronto on June 10th would provide an opportunity for the NWMO President and staff to provide a process update to the community leaders and next steps in bringing their Phase 1 assessments to a conclusion. It was noted that the Advisory Council Chairman and NWMO Board Chairman would be joining the meeting to acknowledge the contributions the communities have made to the Canadian plan for safe, long-term management of used nuclear fuel.

5. Recognizing Community Contributions

Jo-Ann Facella addressed NWMO's desire to appropriately acknowledge and honour communities engaged in the site selection process.

Ms. Facella reviewed some areas under consideration and invited Council input. Council agreed on the importance of recognizing the significant contribution of communities to Canada's site selection process for this important national initiative. This was seen as appropriate and necessary, for NWMO to live up to its values and principles and commitments to community well-being. However, Council members expressed varied opinions on the type and amount of recognition for each community.

Council members offered suggestions to staff as further work continues on the definition of this program. At the request of a Council member, the topic will also be brought forward to discussion of the Municipal Forum, to benefit from the ideas and advice of its members. Staff undertook to bring forward the topic for further discussion with the Advisory Council in September.

6. Path Forward and Communications Planning

Lisa Frizzell reported that a full suite of communications materials will be required to support initial roll out of decisions made based on the Phase 1 Preliminary Assessments for eight communities. A suite of materials would be available as appropriate for different audiences.

Staff reviewed the draft communications plan which set out objectives, draft messages and proposed activities for the June to December period in support of communicating about this important milestone in the siting process. It was reported that, with input of the Advisory Council, Siting Committee of the Board, and community leaders, the communications plan will be refined in advance of the fall rollout activities. The next draft would be provided for the September Advisory Council meeting.

During this preliminary discussion, Council members:

- Requested that NWMO develop a questions and answers package for Council's review and use in responding to any enquiries about the assessment process and its results;
- Sought clarification on how the assessment criteria and process had been discussed with communities. NWMO confirmed that publications and presentations over the last two years have addressed siting criteria and methodology for transparency;
- Sought confirmation from NWMO that social media would be considered as the communications plan is developed; and
- Urged that NWMO be clear and consistent in communicating the key message that the objective is an informed and willing host community, and that this is a community driven process.

7. President's Report (*In camera*)

The Advisory Council received an update from the President covering recent engagement activities and developments in nuclear waste management nationally and internationally.

8. Aboriginal Engagement

The Council was updated on plans for Aboriginal engagement and consideration of Aboriginal Traditional Knowledge which included information on four streams of work: building relationships at the national and provincial level; building relationships with local communities and regional groups; engaging with Traditional Knowledge holders; and engaging with knowledge specialists and practitioners.

Council members encouraged NWMO to develop a framework for long-term future relationships with Aboriginal people. Recognizing that NWMO is years away from identifying the host community, Council suggested that there are a range of models that may be appropriate to consider for future partnerships with communities and Aboriginal people.

9. Planning for Phase 2: Preliminary Thoughts on Capacity Building

Staff discussed a framework for capacity building to support and resource communities engaged in the siting process for Phase 2 assessments. Staff noted that the foundation of the multi-year program of Phase 2 studies in communities will be supporting and resourcing communities to advance their learning about the project and expanding dialogue with surrounding areas and Aboriginal people.

Council members had a lengthy discussion on the topic of capacity building. Council asked questions about the idea of bursaries. Staff confirmed that NWMO is discussing bursaries and scholarships.

Council members were asked by staff for views on the scope, investment and time frames for broadening discussion of the APM project to the surrounding areas and region, to discuss regional impacts of the project:

- A Council member suggested it is important to invest significantly with the siting communities in Phase 2, and encourage their regional cooperation with Municipal and Aboriginal neighbours;
- Council cautioned against building up expectations in different regions of the country, recognizing there would only be one host community; and
- Another Council member noted there is a need for framework development now on the topic of regional planning implications of the APM project.

10. APM Technical Program Update

Council members were provided with an update on the APM technical program. Staff discussed the recent developments including:

- the CNSC review of the 4th Case Study pre-project report in crystalline rock submitted in December 2012;
- repository design development;
- work underway on proof-of-concept plans; and
- the recent submission of the safety case and application to the CNSC for certificate for the used fuel transportation package.

11. Review of NWMO Support to OPG L&ILW DGR

Frank King reviewed the status of work in the regulatory approvals phase of the OPG L&ILW DGR. Mr. King discussed the end of the public review phase and possible

timeframes for a hearing. He reported that staff is working on preparations for the upcoming hearing.

Council members asked questions about the resolution passed by the Michigan senate. Council also asked staff if there was anything unexpected in the information requests received during the public review phase. Staff reported nothing unexpected had occurred.

Derek Wilson updated the Council on the work in the design and construction phase.

12. Letter Response Discussion (In Camera)

The Council met *in camera* to discuss a possible response to a letter received.

13. Council's Work on the Triennial Report (In Camera)

The Council met on May 28th *in camera* to discuss their plans for preparing their comments on the Triennial report due in March 2014.

14. NWMO Transportation Exhibit

Council members were provided with an opportunity to visit the NWMO Used Fuel Transportation Package Trailer which showcases the transportation container that will be used to safely transport used fuel. Council members viewed the impact limiter, lid, and body of package and asked questions of NWMO's transportation team experts. Council members noted their appreciation for the opportunity to tour the mobile transportation exhibit.

Termination of Meeting

The Chairman declared the two-day meeting terminated at 2:00 pm on May 28th, 2013.

Dated the 16th day of September, 2013

Vice President, APM Engagement and Site Selection