Advisory Council: 2010 Advice to NWMO

Recommendations	Ac	tion taken
APM SITE SELECTION PROCESS		
In March, the Council was invited to comment on refinements being made to	•	Comments provided in March were dispositioned
APM site selection process, based on public comment received.		by NWMO in the development of the final APM site selection process document, issued in May 2010.
Comments were as follows:		
Managing foreign waste:		
 The Council suggested adding further clarity and firmness to emphasize that the repository being sited by NWMO will not accept foreign waste. 		
Involvement of regulatory authorities		
Council members discussed the involvement of regulatory authorities and		
 suggested Environment Canada should also be mentioned. Council emphasized that it should be made clear that the regulators are 		
independent and arms length from NWMO.		
Volume of Used Fuel to be managed		
Council members suggested that further clarity is needed in discussing used fuel associated with planned reactor refurbishments. Council members proposed that NWMO be clear that this fuel should be included in the	•	At the meeting, NWMO confirmed that a certain volume of used fuel would be required to be specified at the time of licensing the repository. The regulatory review processes and approvals,
 commitment of the community for management in the repository. Council members suggested that used fuel from new nuclear reactors should 		required by law before the project can proceed, will
only be placed in the repository with the agreement of the community. It was		be based on a specific volume of used fuel and will involve an open and transparent consultation
suggested that used fuel from new reactors should be dealt with when you are negotiating with a host community and not at this time in the siting process as		process.
a decision has not been confirmed to build any new reactors at this time.		
Council members proposed that the specific volumes of used fuel to be		
placed in the repository should be agreed with the host community, after an		

Recommendations	Action taken
open and transparent consultation process involving surrounding communities and others who are interested and potentially affected.	
The definition of the term "community"	
 Council members identified the need for editing of the siting document to provide more clarity on the use of "community". It was noted in some instances the term community was meant as "accountable authority". Council pointed out some inconsistencies in the use of the term. 	
Involvement of Aboriginal communities in the siting process	
 Council asked whether NWMO had considered Aboriginal processes for developing community consensus within the siting process. Council suggested that the editing process for the siting document include review to ensure potential host communities could be either non-Aboriginal or Aboriginal. Council also encourages NWMO to ensure that Aboriginal communities will be involved early in the process when a community steps forward. 	At the meeting, staff confirmed that the siting process as written clearly encourages communities to involve affected Aboriginal peoples early in the process.
On April 9 th the Council convened a conference call to provide input to the	Comments provided in April were dispositioned in
siting process document. Council provided a number of suggestions to the document.	the development of the final APM site selection process document, issued in May 2010.
IMPLEMENTATION OF THE SITE SELECTION PROCESS	
In March, Council suggested NWMO:	
 may also wish to brief professional societies (such as civil engineers) and science and environmental journalists should continue to inform a broad spectrum of Canadians in its work as siting begins, not only the interested communities; and seek to inform editorial boards and environmental reporters on its work. 	NWMO has been briefing a number of professional societies, media and journalists. A particular outreach plan has been developed as part of the program to build awareness around the siting process that was initiated in May 2010. As this work continues, staff may follow up with individual Council members for suggestions on any specific professional associations or publications that NWMO might pursue.
	NWMO concurs with the need to continue to inform

Recommendations	Action taken
	the public at large and invite input of Canadians as APM implementation moves forward. This has been built into NWMO's budget and business plan. The development of a dedicated siting website and investment in development of exhibits and suite of new communication materials are examples of the components of this effort. Briefings of editorial boards continue into 2011.
	NWMO has published articles in municipal association newsletters and Municipal World, industry publications, and continues to give interviews and seek media opportunities to continue to raise awareness. Council was briefed on the updated communications plan in March 2011.
 In May, the Council discussed the implementation of the Siting Process, providing the following comments: Council underscored the importance of NWMO understanding the local and regional landscapes in which communities are expressing interest. Council advised NWMO devote significant resources to developing and maintaining an understanding of regional landscapes in which communities express early interest. Council noted a range of considerations for NWMO before it considers whether/when to establish an NWMO staff/office presence in communities that ask to learn more about the project. It is important that NWMO continue to consider the regional influences and importance of engaging beyond the potentially interested community. 	NWMO's 2011-2015 implementation plan takes into account the importance of building relationships in the local and regional areas in which there is siting activity. NWMO's plans anticipate eventual need for a local/regional NWMO presence. NWMO has not been specific at this point as to when a local office would be set up.
 Noting the APM site selection process enables communities to request peer reviews and engage independent experts, Council asked questions about the process by which communities could engage such experts. Council discussed the importance of preserving quality assurance for integrity of the process. Council members underscored importance of assuring quality and credentials of third party expertise engaged by communities. Council members offered 	 NWMO will take Council's advice under advisemer as future plans are developed. NWMO is presently considering the range of possible approaches to ensure quality and integrity of the process as communities to make independent selections of third party experts.

Recommendations	Action taken
views on possible means of assisting communities in their independent selections. For example, Council suggested some professional societies could be asked to offer advice or maintain a potential roster of qualified experts with whom communities may wish to engage. It was suggested that NWMO may wish to establish some requirements around format and report structure to ensure quality in products. It was noted that consideration should be given to possible sources as a community seeks to engage third parties holding Traditional Aboriginal Knowledge; and Council suggested an important role for earned media as NWMO seeks to build awareness of the APM project. This involves the NWMO working with writers and publications of a provincial and national basis (i.e. Canadian Business) to publish stories. Also involves the NWMO working with sectoral publications (i.e. Municipal World).	As part of the 2010 initiation of the site selection process, NWMO is continuing to seek opportunities to build awareness of APM through media briefings, coverage and publications.
In December:	
 Staff provided the Advisory Council with an update on the APM site selection process. Staff reviewed supporting workplans for 2011. Council expressed general agreement with the plans. 	
 Some Council members stressed the importance of conducting spiritual ceremonies at potential sites and incorporating Aboriginal Traditional Knowledge in the site selection process. 	Comments will be taken into account for future implementation of APM plan.
 Council emphasized the importance of maintaining a strong link between the repository design and the site selection process. 	

COMMUNITY WELL-BEING

In May, the Council discussed the Socio-Economic Benefits of APM, providing the following comments:

- NWMO should emphasize the implications of the very long time frames of the APM project. Unlike many industry projects, APM provides an opportunity for community members to become technically skilled and to stay in the community. The APM project, through its extended timeframes, can assist a community in building its social capacities, economic opportunities.
- In its communications, NWMO should clarify the impact the project would have on a small community over very long time frames – Council suggested that hosting the APM repository would be transformational for a small community. The project would be a powerful instrument of social and economic development of the community;
- NWMO should communicate that the project could be leveraged by a community to achieve its longer term goals. Efforts could be made to develop local labour and opportunity; and
- Council was pleased that NWMO continues to consider the range of possible negative impacts and pressures faced by a host community, and the challenges to be managed if the APM project transforms the community.

- NWMO will take all of these comments into account in the development of future written materials and in its engagement of communities.
- These points are typically part of NWMO's presentations and meetings as staff outline the specific characteristics of APM and the implementation opportunities and challenges. These themes were also communicated in the siting documents published in 2010 as NWMO addresses its commitment to furthering community well-being.
- All are important considerations of APM and all points will be key components of the discussions in future as communities express interest in learning more about APM siting.

In September, Council comments and suggestions were invited on principles and possible approaches to ensuring community well-being and provided suggestions in the following areas:

- Communicating the nature of economic benefits to a community and region, flowing as a result of the project;
- Identifying and communicating the range of downside impacts and pressures on a host community and region that NWMO will need to address. For example, disruption in the community from the influx of

In early briefings with communities, NWMO reviews both the general nature of economic benefits as well as downside pressures to be managed with the APM Project. As communities continue through feasibility study

- workers, strain on resources and infrastructure, responsibilities associated with involvement with NWMO in a partnership agreement;
- NWMO should identify the potential impacts, pressures and costs to the community of participation in the process and the project. As with other large projects, such impacts should be addressed through NWMO's delivery of the project. The APM project is not unique in this regard;
- Transparency and consistent application in NWMO's approach to community well-being and managing community impacts is essential; and
- Council felt a strong point of NWMO's approach was its commitment to transparency and proposed consistent, equitable application of addressing impacts in communities that may be realized in each phase of the project implementation. NWMO should commit to address community-well being, without exception.
- Council encouraged NWMO to consider if scholarships and portable skills training could be included to build capacity in communities engaged in siting process - to enhance their capacities to work on the project, wherever it is ultimately located.

- phases, ongoing discussions around these important considerations will be encouraged. NWMO is encouraging early visioning of communities as context for considering whether the APM project aligns with longer term interests.
- NWMO will continue to assess potential impacts for each phase of siting and take into account Council's advice in addressing community wellbeing in each phase of the siting process.

BUSINESS PLANNING

- On *February 3,* 2010, the Advisory Council convened a conference call to discuss and provide comment on NWMO's *annual report*.
- *In September*, Council reviewed the *draft 2011-2015 NWMO Business Plan* and offered the following comment:
 - A Council member suggested it would be important to maintain engagement of multiple communities;
 - Council emphasized the importance of communicating the selection criteria clearly to communities at the outset of the process, to ensure an understanding of the basis for future site selection and not build up expectations. Council emphasized the importance of having clear communication materials on the selection criteria and considerations that will guide future decision-making;
 - Members discussed the importance of a community demonstrating that it has strong local governance and leadership

- Staff incorporated the Council's comments. The final report was issued March 2010.
- NWMO took the Council's feedback into consideration in the development of the 2011-2015 NWMO Business Plan.

Council discussed the organizational growth planned at NWMO over the five-year planning period:

- Council underscored the importance of planning for senior staff to support community engagement through the site selection process. Members cautioned that although the NWMO is planning new hires to support communities in the siting process, new staff may not have the experience to handle these relationships. NWMO will need to ensure sufficient senior staff involvement;
- Members encouraged NWMO to consider opportunities for hiring of Aboriginal people as new positions become available;
- Council suggested an internship program would be helpful for continuing the recruitment of young people:
- Council noted the long planning timelines for the repository should be utilized to support local skills training, with possible support of scholarships in key areas; and
- Council members also provided some specific editorial feedback on the business plan and implementation plan.

Council provided editorial comments and refinements for the Draft Implementation Plan.

• In **December**, the Council discussed the development of NWMO's triennial report and recommended that NWMO include historical context, including a reference to the Seaborn Panel report.

No action required.

EVOLVING EXTERNAL LANDSCAPE / COMMUNICATIONS

- In *March*, the Council requested time to discuss and review the evolution of its comments on APM in relation to the management of used fuel resulting from new nuclear build. As part of the discussion, Council noted:
 - NWMO has been clear that the Nuclear Fuel Waste Act states that NWMO's responsibility covers all of Canada's used nuclear fuel and does not distinguish between the management of existing used fuel and used fuel from future new nuclear reactors;
 - As NWMO moves forward in the siting process, it must continue to engage those beyond the volunteer host community on the issue of used fuel from new nuclear build;
- NWMO staff confirmed that the organization continues to be clear in documentation and discussions that the *Nuclear Fuel Waste Act* assigns NWMO responsibility for managing all of Canada's used fuel and does not distinguish between the management of existing used fuel and used fuel from future new nuclear reactors. Discussion of new build reactors and resulting fuel were included in public dialogue sessions
- NWMO incorporated the Advisory Council's

 Council provided suggestions for changes to wording in the siting process and expressed a desire to see more clarity on wording related to management of used fuel from new nuclear build. 	proposed wording on this issue in the APM Site Selection Process.		
 In December, in light of recent events related to Bruce Power's transportation of steam generators and in Port Hope, the Council requested NWMO review its external communication strategy. Council suggests NWMO enhance its communications at a national level and maintain communications on the project in the nuclear provinces and at the local level. 	NWMO reviewed its external communications strategy with the Council on March 7, 2011.		
APM TECHNICAL PROGRAM			
 Council received a briefing from NWMO staff on how NWMO had dispositioned comments and recommendations of the Independent Technical Review Group. Council was invited to discuss. No comments noted. 	No action required.		
STATUS OF WASTE MANAGEMENT PROGRAMS			
 In <i>March</i>, a Council member suggested that NWMO invite the US Secretary of Energy or representative from the Blue Ribbon Commission on Nuclear Waste to speak to the Council in 2011 once it has released its interim report. 	NWMO arranged for Tom Isaacs to meet with the Advisory Council on December 1 to update Council on the U.S. program.		
	NWMO will continue to arrange for ongoing updates for Council on the recommendations of the Blue Ribbon Commission and developments in the U.S. program.		
OPG L&ILW DGR			
In <i>March</i> , the Council requested discussion regarding its role in relation to NWMO's work on OPG's Low and Intermediate Level Waste deep geologic repository. The Council agreed that while it does not have an obligation to comment on the work on the OPG L&ILW DGR it is important that Council be kept	Council continues to receive updates on NWMO's work on the OPG L&ILW DGR at each Council meeting.		
informed on both the technical and engagement aspects of the project due to the relevance and possible impacts on APM.	Further to subsequent discussions in 2011, the NWMO and the Advisory Council agreed that NWMO will provide more extensive briefings to the Council on the OPG DGR, to enable the Council to provide comment and advice where it feels there		

		may be impacts on APM.
•	In December , the Council requested further review of its role in relation to commenting on NWMO's work on the OPG L&ILW. Council suggests NWMO clarify in the public communications around the project that the DGR is an OPG project and that the NWMO is limited to technical support.	 Management further discussed this with the Council at the January 4, 2011 meeting regarding the Triennial Report.
NI	IGANI / ELDERS FORUM	
•	In September , Council requested copies of the report under development by the NWMO Elders Forum when complete. Council also requested a copy of the paper written on the topic of aboriginal well-being, through the Learn More program.	 The Elders Forum report was provided for information to the Advisory Council on December 1, 2010. The paper authored on the topic of aboriginal well being was made available to Council on October 4, 2010.
•	In December , the Council offered its assistance in the review of the role of the Elders Forum as NWMO moves further into the siting process.	Council members were provided an opportunity to participate conference call to discuss the future role of the Elders on January 7, 2011.
TE	CHNICAL BRIEFINGS	
•	In <i>March</i> , NWMO invited Council members to identify priority areas for additional technical briefings. At that time, Council confirmed interest in learning more about:	During the course of 2010 the following technical briefings were provided:
	- socio-economic benefits of the APM program	Socio-economic benefits, in May
	- further technical briefing on APM	
	- a presentation by Council member Dr. Derek Lister, on "Closing the Nuclear Fuel Cycle in Canada".	APM repository design, safety case and pre- licensing reviews, in September
	- a presentation by Council member Dr. Derek Lister, on "Closing the Nuclear	
•	- a presentation by Council member Dr. Derek Lister, on "Closing the Nuclear	licensing reviews, in September

COMMENTS FOR NWMO TRIENNIAL REPORT

- During the course of 2010, the Advisory Council devoted significant time to meetings in camera to develop its comments on the NWMO's progress over the last three years, and recommendations for NWMO as it plans for the future.
- Council engaged a writer to support the drafting of its comments in 2010.
- The Advisory Council with recommendations was submitted to the NWMO Board of Directors in early 2011, for inclusion in NWMO's Triennial Report.
- NWMO will disposition the Advisory Council recommendations as it plans its next steps in implementing Adaptive Phased Management.