

NWMO Citizen Panels Report, Phase I: Panel Five

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Navigator Ltd.

nwmo

NUCLEAR WASTE
MANAGEMENT
ORGANIZATION

SOCIÉTÉ DE GESTION
DES DÉCHETS
NUCLÉAIRES



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Nuclear Waste Management Organization

The Nuclear Waste Management Organization (NWMO) was established in 2002 by Ontario Power Generation Inc., Hydro- Québec and New Brunswick Power Corporation in accordance with the *Nuclear Fuel Waste Act (NFWA)* to assume responsibility for the long-term management of Canada's used nuclear fuel.

NWMO's first mandate was to study options for the long-term management of used nuclear fuel. On June 14, 2007, the Government of Canada selected the NWMO's recommendation for Adaptive Phased Management (APM). The NWMO now has the mandate to implement the Government's decision.

Technically, Adaptive Phased Management (APM) has as its end-point the isolation and containment of used nuclear fuel in a deep repository constructed in a suitable rock formation. Collaboration, continuous learning and adaptability will underpin our implementation of the plan which will unfold over many decades, subject to extensive oversight and regulatory approvals.

NWMO Social Research

The objective of the social research program is to assist the NWMO, and interested citizens and organizations, in exploring and understanding the social issues and concerns associated with the implementation of Adaptive Phased Management. The program is also intended to support the adoption of appropriate processes and techniques to engage potentially affected citizens in decision-making.

The social research program is intended to be a support to NWMO's ongoing dialogue and collaboration activities, including work to engage potentially affected citizens in near term visioning of the implementation process going forward, long term visioning and the development of decision-making processes to be used into the future. The program includes work to learn from the experience of others through examination of case studies and conversation with those involved in similar processes both in Canada and abroad. NWMO's social research is expected to engage a wide variety of specialists and explore a variety of perspectives on key issues of concern. The nature and conduct of this work is expected to change over time, as best practices evolve and as interested citizens and organizations identify the issues of most interest and concern throughout the implementation of Adaptive Phased Management.

Disclaimer:

This report does not necessarily reflect the views or position of the Nuclear Waste Management Organization, its directors, officers, employees and agents (the "NWMO") and unless otherwise specifically stated, is made available to the public by the NWMO for information only. The contents of this report reflect the views of the author(s) who are solely responsible for the text and its conclusions as well as the accuracy of any data used in its creation. The NWMO does not make any warranty, express or implied, or assume any legal liability or responsibility for the accuracy, completeness, or usefulness of any information disclosed, or represent that the use of any information would not infringe privately owned rights. Any reference to a specific commercial product, process or service by trade name, trademark, manufacturer, or otherwise, does not constitute or imply its endorsement, recommendation, or preference by NWMO.



NAVIGATOR

NWMO Citizen Panel Report Sault Ste. Marie, Ontario

NUCLEAR WASTE MANAGEMENT ORGANIZATION
SAULT STE. MARIE, ONTARIO CITIZEN PANEL REPORT
DECEMBER 2007

WHAT ARE CITIZEN PANELS?

Building on previous qualitative research studies, the NWMO contracted Navigator to initiate Citizen Panels in 8 cities across Canada. The goal of the Citizen Panel project was to further explore the feelings, attitudes and perceptions of Canadians toward the long-term storage of Canada's spent nuclear fuel.

The Citizen Panel project is markedly different than the qualitative research projects that have preceded it. The intent of the Citizen Panel format used in this project is to allow for the discussion to be formed and driven by the views of the individual Panelists. These Panelists have had a brief introduction to the NWMO and are aware of rudimentary facts surrounding Canada's used nuclear fuel such that an informed discussion can occur.

Phase One of the Citizen Panel project occurred in Sault Ste. Marie, Ontario in late fall 2007.

WHAT IS NAVIGATOR?

Navigator is a research-based public affairs firm that works with companies, organizations and governments involved in the public policy field.

Navigator has grown to become a diverse firm with consultants from a variety of backgrounds who have excelled in the fields of journalism, public opinion research, politics, marketing and law.

Our strategic approach can be summed up as: *"Research. Strategy. Results."*

PANEL REPORT OUTLINE

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1. NWMO CITIZEN PANEL BACKGROUND

a. Citizen Panel

The Sault Ste. Marie, Ontario Phase One Citizen Panel was held on November 15, 2007 at the Holiday Inn Sault Ste. Marie Waterfront, a neutral third party facility in Sault Ste. Marie's downtown core.

The Panel was held over three hours from 6PM to 9PM with 11 Panelists in attendance. Chad Rogers, a Navigator research professional, acted as discussion leader.

A general outline of discussion objectives, as well as discussion materials intended to guide the work of the Panel were prepared in advance of the Citizen Panel. Reproductions of all materials shown to the Panel can be found at the end of this report as appendices.












b. Panelist Profile

In order to ensure that Panelists speak openly and freely over the course of this research, the individual identities of Panelists will remain protected and not revealed to the NWMO at any point of the project. Contact with Panelists is managed exclusively by a dedicated Panel manager and each Panelist has been given an identifier code to ensure anonymity in all accessible Panel documents. All personal information and contact reports are stored separately and controlled by the Panel manager.

While verbatim comments are used through this report, the identification will be only by Panel or by unique Panelist identifier code, but never by name.

Panelists have agreed to offer additional information, including their gender and one additional fact about their lives to make the Panel reporting richer for the reader.

Below are the profiles of the Sault Ste. Marie Panelists by Panelist identifier code:

 Panelist: SSM-1A	City: Sault Ste Marie Age: 35-44 Gender: Male Occupation: Employed full-time at Algoma Steel	 Panelist: SSM-7A	City: Sault Ste Marie Age: 45-54 Gender: Female Occupation: Employed full-time, instructor with community living
 Panelist: SSM-2A	City: Sault Ste Marie Age: 45-54 Gender: Female Occupation: 2 Part-time jobs, cook and homecare	 Panelist: SSM-8A	City: Sault Ste Marie Age: 65+ Gender: Male Occupation: Self employed, chief executive
 Panelist: SSM-3A	City: Sault Ste Marie Age: 45-54 Gender: Female Occupation: Part-time cook	 Panelist: SSM-9A	City: Sault Ste Marie Age: 25-34 Gender: Male Occupation: Employed full-time, operations manager at machine shop
 Panelist: SSM-4A	City: Sault Ste Marie Age: 55-64 Gender: Female Occupation: Homemaker, considers herself retired	 Panelist: SSM-10A	City: Sault Ste Marie Age: 25-34 Gender: Male Occupation: Unemployed (former chef)
 Panelist: SSM-5A	City: Sault Ste Marie Age: 35-44 Gender: Female Occupation: Employed full-time, pharmacy technician	 Panelist: SSM-11A	City: Sault Ste Marie Age: 35-44 Gender: Female Occupation: Employed full-time, finance manager
 Panelist: SSM-6A	City: Sault Ste Marie Age: 25-34 Gender: Female Occupation: Call Centre employee (on maternity leave)		

c. Panel Methodology

These Citizen Panels have been designed, as much as possible, as collaborative discussions facilitated by a Discussion Leader. They are separate and apart from focus groups in that they empower individual Panelists to raise questions and introduce new topics. The role of the Discussion Leader, in this format, is merely to introduce new topics of discussion and lead the Panel through a number of discussion exercises.

As well, additional measures were incorporated into this Citizen Panel format to empower individual Panelists. Each Panelist was made aware of their independence and responsibilities to both contribute to, and lead, the Panel discussion. A transcriber, traditionally taking contemporaneous notes behind one-way glass or in another room, was, in this case, placed inside the discussion room. Panelists were empowered to direct him or her to take special note of elements of the Panel discussion they felt were important, or ask him or her to recap any part of the discussion upon request. A commitment was made by the Discussion Leader that the notes taken would be sent to Panelists for review, possible revision and approval, to help Panelists have faith they are in control of the proceedings and ensure their contribution is reflected accurately.

Potential Panelists were originally selected through random digit dialling among a general population sample in the wide area in which each Panel was held. Individuals called underwent a standard research screening survey in which they indicated that they were interested and able to participate in a discussion about a general public policy issue with no advance notice of the specific topic. Individuals were screened to include community-engaged opinion leaders in at least one of these topics: community, environment, and/or public/social issues. Those that passed the screening process were asked to participate in a traditional focus group on the perceived trust and credibility of the NWMO, which allowed an introduction to the topic of used nuclear fuel and topics such as Adaptive Phased Management. The discussions were neutral in tone and did not pre-suppose any outcome on issues such as nuclear power generation and siting for used nuclear fuel.

At the end of this research study, participants were asked if they would be willing to continue in discussions on the topic of used nuclear fuel. Those that expressed interest were placed on a “short list” of potential Panelists for the four-phased Citizen Panel project. Research professionals at Navigator subsequently used this pool to select Panelists that would ensure a diversity of age, gender and experience in the Panels. Only participants who demonstrated both a willingness and ability to contribute to group discussion and complete exercises were included in the pool. The content of each participant’s contribution in the focus groups was not reviewed by Navigator professionals. Rather, the only qualifiers were that individuals could speak clearly and were able to grasp concepts introduced to them at a basic level.

A target Panel population of 18 was determined for each location in the interest of ensuring the long-term viability of each Panel over the course of four discussions.

This Panel report is, to the best of Navigator's abilities, a faithful rendering of the discussion held in Sault Ste. Marie and stands alone as a record of the Citizen Panel discussion on November 15, 2007. A larger aggregate report on this wave of Panel discussions, including the Panels in Saskatoon, Toronto, Saint John, Scarborough, Montreal, Regina, and Kingston has also been submitted to the NWMO.

2. GENERAL IMPRESSIONS

As discussion began, Panelists in Sault Ste. Marie relayed discussions with family members and friends following previous focus groups discussing NWMO issues. Panelists generally indicated that their spouses and family didn't even believe they had been asked to come talk about nuclear waste, as it was, as put by one Panelist, a "scary and unsettling" topic. Family members were both surprised at the advanced nature of the proposals and left with a lingering concern about the environmental impact. Children in particular seemed interested as opposed to anxious about the prospect of storing the waste.

Old examples of environmental problems, like used tires, were raised to indicate society often had chosen the wrong disposal solution, particularly in situations concerning putting anything into the earth.

Some Panelists throughout the discussion could not reconcile themselves to any proposal that involved "burying" the waste or underground storage. Many could not conceive of retrievability and feared this was too short-term a solution, using only the knowledge we have at hand today, which may in fact not be adequate.

Concern about the perceived lax nature of security at nuclear facilities was raised. One Panelist mentioned some film examples and the fact that, since 9-11, there was a higher priority put on securing waste and nuclear materials so that they could not be compromised.

In a discussion on strategic objectives, many Panelists indicated that they would like to know how the organization will run, how its executive team and governance will work as they did not feel the current explanation was enough. There seemed to be agreement that this should never be a for-profit organization. The fear of a large multinational did seem connected to many discussions of dominant heavy industry employers in the city with which many Panelists had personal experience.

A number of Panelists were cynical about the federal government, about the NWMO, and large companies. There was support for the NWMO working with environmental and not-for-profit groups.

When discussing transparency, most Panelists wanted strong assurances there would not be profit motivations or impropriety. They were fine with the proposed transparency policy, so long as it was externally enforced and monitored. When security is in question, Panelists agreed that confidentiality and secrecy should be allowed, so long as public safety is a paramount consideration.

Panelists had many specific questions for which they would like answers. In fact this was the largest contribution of "Parking Lot" questions of any Panel in the project thus far.

3. PANEL NOTES

a) Disclaimer

The attached are contemporaneous notes taken by a transcriber positioned in the room with the Panelists. The transcriber was taking direction from the Citizen Panel on specific points of interest. The following is not an official transcript, but a best effort to capture the sense of discussion with some granularity.

Panel notes will be reviewed by all Panelists, with each having an opportunity to revise (add or subtract) their individual contributions such that it the notes then stand as a clearer rendering of the Panel discussion.

The transcriber for this panel was Courtney Glen, a Navigator research professional.

b) Panel Notes

Report of the Sault Ste. Marie NWMO Citizen Panel
First Meeting
15 November 2007

General Discussion

[Discussion Leader]: **After the last group, did you think anymore about the NWMO? Talk to any of your friends? See anything/read anything in the media?**

- SSM-6A: It was long time ago and I don't remember, but I know I did talk about it.
- SSM-1A: I said to my wife that I couldn't believe we sat around and talked about nuclear waste. She asked why they thought we would know anything about nuclear waste?
- SSM-5A: I remember commenting on how unsettled I felt. I was pretty unsettled.
- SSM-9A: I had a great conversation with my wife. We had taken a course in high school where one of our teachers focused on nuclear energy for 6 or 7 lessons and we did all our independent studies on it. It was nice to see how much has evolved since then, especially the different routes as to what they want to do to store the waste. It was nice to see the conversation has gone from what can be done to this is what we're going to do with it. It's always a topic of interest. In the business I'm in, we're always out looking at

mine sites, uranium mines. It's really interesting to us. It would make sense to put it under ground.

SSM-11A: I had a conversation with my environmentally conscious daughter and her biggest issue is where are we going to put it. We got in a big debate about burying it. In the high schools, they are talking to the kids about it. I felt she would think it was more boring but she actually had some good points and was very interested in it. She's worried about the environment and finds it unsettling. She's thinking in the long-term.

SSM-7A: I had a discussion with my children. They were very interested, excited and not unsettled. The conversation went on for more than an hour. They had lots of questions about burying it. I asked them how they felt about where it is currently at. After we discussed that, they thought that burying it might be a good idea after where it is right now. But, why aren't there more young people here? They are the ones inheriting it!

SSM-4A: My son is very into the Green Party. He is more into solar energy rather than continuing to use nuclear energy.

[Discussion Leader]: **We're not discussing generations, we're only worried about what's been created.**

SSM-1A: I'm interested in how they can consider 5 hockey rinks of nuclear waste. Do they know what they're actually playing with? They make it sound like it's nothing. It scares me that they've got this stuff lying around and to them it's basically nothing. It's an accident waiting to happen

SSM-4A: How can you get 2 million rods on 5 skating rinks?

SSM-5A: Years ago they used to bury tires, that was the way to get rid of them, figuring they were going to go away. The ground is now pushing them back up. How do we know we won't have the same problem?

[Discussion Leader]: **Did anything in the document answer that question?**

SSM-5A: Not satisfactorily to me

SSM-9A: Wasn't it APM? It depends on what sort of rock they bury it in. I'm sure they have geologists that know what they're talking about

[Discussion Leader]: **Did they say they would bury it and not go back?**

SSM-9A: That was part of the APM, that we could retrieve it if something better comes up in the future and it's going to be monitored.

SSM-4A: What was that show where they put it on the moon and it blew up? Why can't we put it on spaceships?

SSM-9A: Oh, that's not good

[Discussion Leader]: **They don't do that because of our record of rockets blowing up in the ground**

SSM-6A: In the age of 9-11 we live in now, how do we know it will be maintained properly and that it will be guarded at all times so the evildoers won't be able to acquire it and use it against us?

SSM-9A: How can we guarantee that now?

SSM-8A: I'm concerned about the underground and the 40-60 years of maintaining it. Have we had accidents with used uranium?

SSM-1A: How are we sure they would tell us anyways? I've been around mines all my life and people think they're so great, but I've never seen one, in all my life, that hasn't flooded, even with modern technology.

SSM-10A: Why can't we bury it in Afghanistan?

Think Feel Say Exercise

SSM-6A: They still seem undecided. There are too many options, too many things talked about. Nothing seemed set in stone yet. This potentially it could be very bad, if they don't make a decision about what to do with it.

SSM-9A: I'm glad that politicians were not mentioned. I'm glad that they're using other countries not just saying "this is our problem and we have to deal with it on our own."

SSM-8A: That was one of the things we previously mentioned - no politicians and I emphatically said no lawyers.

- SSM-9A: It's not just Canada's problem, it's a world problem.
- SSM-8A: I think this was a well written report. That doesn't mean to say it solved any problems. I think the facts tried to be put down there and its there for consideration. That's the way they wrote it and they did a good job on it.
- [Discussion Leader]: **If this were on the table at the doctor's office, would you read it?**
- SSM-6A: Probably.
- SSM-5A: A lot of nothing's being said, it's quite vague.
- SSM-11A : There are a lot of good intentions, but it seems like it needed that push. These are good intentions but when are we going to start doing it?
- SSM-5A: How do you enforce?
- SSM-7A: I'm happy they're trying to do something. It worried me that these bundles are on the sites they were generated at near water sources. At least this gives me some hope that we're trying to deal with it. That's five targets, I'd rather have one with increased security than 6-7 with sleeping, shoddy security guards. Look at the US with guards sleeping on their shift?
- SSM-6A: Look at the movie Fahrenheit 9/11. Michael Moore was able to walk into nuclear plants. That makes me nervous.
- SSM-2A: I'm unsettled. Where are they going with this? They don't have a plan, they are just giving you the info on what they think they're going to do.
- SSM-5A: I agree it was well written.
- SSM-8A: We're here having focus groups to see if they can do better.

Red Green Pen Exercise

Cover Page

- SSM-9A: It says we're "Moving Forward Together." Why are the arrows going different ways? The graphic designer must have his head up his ass. If it were on a doctor's room

table, would I pick this up looking at that? Not with that cover.

SSM-3A: It makes it seem like there isn't an answer.

SSM-11A: The future management of really got me. It showed there were intentions, that we're going to do it, we're thinking about doing it.

SSM-7A: If it's future management, that means were not managing it now.

SSM-6A: Then it will be 10 hockey rinks.

Inside Cover and Page One

SSM-4A: I circled the word "fair." What does that even mean? It doesn't mean fair, it has to be safe. There's so much talk in here about aboriginal peoples in their territory so they're trying to come across as trying to be fair.

SSM-1A: Fair means profit.

SSM-4A: If it's safe, it's fair for all of us.

SSM-7A: I didn't have a problem with the whole page until I got to the point about Canadians, specialists and aboriginal people. Are aboriginals not Canadians? That jumped out at me.

SSM-3A: I had trouble with the term aboriginal as well. If they're talking about Canadians in general, they should just use the word Canadian. If it's something that involves the entire country, it should just be Canadians.

SSM-8A: One thing that I thought was positive was explaining nuclear energy and what it provides. I think nuclear energy is pre-eminent. If we run out of hydro and get rid of some of the big wigs in Ontario Hydro, we'd have a wonderful system. The Soo had the cheapest energy charges in all of North America. Now we have one of the most expensive. I liked the greater connection to nuclear energy.

SSM-1A: I like them bringing up the Nuclear Waste Act. I circled the million medical procedure in green. It's a good thing.

SSM-6A: Me too, but why are only half of the isotopes used?

- SSM-1A: They say “fair” again. Fair means money.
- SSM-5A: Maybe I’m playing the devil’s advocate, but every time I see the word aboriginal, do they think that because I’m not [an Aboriginal], I’ll go for it because the aboriginals will?
- Pages 2 and 3
- SSM-5A: I’ll never look at a hockey rink the same way again.
- SSM-1A: It says 5 rinks and they all have the boards around. Are they filling the entire thing? They need to put some sort of code on there so we know. As well, what do they consider temporary storage?
- SSM-6A: I underlined that as well. Why don’t they put it somewhere permanent right off the bat? I don’t like the word temporary. Why would they temporarily store it in one place then risk moving it to another place? Why not just one place where it doesn’t have to be moved and potentially exposed?
- SSM-4A: I circled these big numbered things. Is this where the waste is right now? There are only 3 places, aren’t there 5? I don’t get how 2 million of these rods will get in 5 rinks.
- SSM-11A: I circled the picture because it’s pretty redundant. There’s no explanation of what it is.
- SSM-9A: I had that as well.
- SSM-11A: I like the ice rink because it does give you some perspective on size or amounts.
- SSM-6A: It seems low. It should be a hell of a lot more waste after the years we’ve been using.
- SSM-10A: They are probably going into making nuclear weapons.
- SSM-4A: Don’t they make isotopes out of the good stuff?
- SSM-9A: Sweden expects to complete the approach. It seems they’ve been going at it, good we’ve been leaning on them, but seems like France is taking away.

- SSM-4A: I liked the “Did you know” and the “Regardless of...” quote. As for underground characterization facility. I have no idea what that is. It might as well be Greek.
- SSM-7A: I had that too. I need a definition for that.
- SSM-8A: They’re showing a plant and they don’t say where it is. We’re dealing with Canada here, and they don’t tell where the plants are and what they’re doing. There’s nothing there to tell me it’s Chalk River, for instance.
- SSM-6A: I was surprised, I didn’t realize the majority of it was in Ontario.
- SSM-3A: I did red and green for the same thing, the International Perspective. It seems like they’re waiting for someone else to find an answer. I like the fact that they’re actively looking at what’s been done but seems that they’re waiting for someone to find the answer.
- SSM-9A: If the NWMO started in 2002, if you look at what we’re looking at now, we’re probably way ahead of other countries that have been working at it for a long time.
- SSM-1A: At least they’re making these rods a manageable size.
- SSM-5A: I’d like some dimensions on how large the log is.
- SSM-6A: Bring a log in and put it on the table so we know!
- SSM-2A: I think of a fire place and a log.

Pages 4 and 5

- SSM-10A: The Independent Advisory Council. Who is going to be part of this council and who is going to appoint them? Who’s it going to be? Are they going to have a political background? Are they going to be scientists?
- SSM-8A: It says staffed. They don’t mention the organization. We thought it should be small. They don’t mention anything about the management of this group.
- SSM-7A: I found that positive, that there is going to be an Independent Advisory Council to monitor.

- SSM-9A: I think it's green and red because it's good it's an Independent Advisory Council but who's it going to be made up of? Who will appoint its members?
- SSM-1A: Who's going to decide what they're going to give out?
- SSM-9A: In terms of the vision and mission, I wouldn't say outstanding, but it did make sense. They're pointed and they're driven vision and missions.
- SSM-5A: The website is a good thing.
- SSM-11A: The point about Finland and Sweden, I thought it was unnecessary. They're considering it, it's not done. How is that relevant to us? Let's not worry about what other people are considering.
- SSM-1A: I disagree. We should be watching what they're doing and what's happening because we might be stupid enough to look and think "why didn't we do that?"
- SSM-6A: The management of a nuclear by-product is a world wide issue. Not necessarily the politicians but leaders of something should get together and find a general consensus, a global consensus. This is going to affect the entire world.
- SSM-11A: I agree with the global aspect and learning from the positives and avoiding the negatives, but it just didn't seem like it was relevant.
- SSM-10A: It says Sweden and Finland are considering but the page before it says Sweden is almost finished their approach?
- SSM-4A: I thought the vision was redundant, I didn't like it very much. The mission is all we care about. The technical research part was "gobeldy gook." It's supposed to be written for us, for the average person to understand?
- SSM-9A: The pictures and graphics are space fillers. They hurt the integrity of the document. If you're going to have pictures, you have to say what they are, who they are, why they're there. I used the green pen on the part about us being in contact with other countries and with our youth learning from scientists and professors in universities.

- SSM-7A: Technical research. That whole section is too small. If you're going to print that small, why include it?
- SSM-2A: I can't even read it.
- SSM-8A: The NWMO took control of the program on Jan 1st. Who was looking after it before? Should have said who they took it over from.
- SSM-3A: They give you part of the information but don't complete it. A lot of us don't know.
- SSM-8A: This reminds me of the expression "he doesn't know his ass from page 8."
- SSM-1A: You have this crazy front cover and then you go inside and you have all these colourful pictures. If I were my teenage son, I would look at this and say wow what great pictures and I wouldn't even read it. It's nothing but smiling faces.

[Discussion Leader]: **Are these real people?**

The majority of Panelists say they are actors.

- SSM-6A: No one smiles that way at work.
- SSM-5A: They're on drugs.

Pages 6 and 7

- SSM-5A: These are real people.
- SSM-6A: They are, you can tell a real person took the pictures as opposed to the ones on the previous page that look staged and phony. I 'm really concerned about the whole storing things in the ground. Until I see that there is no possible way that there will be any groundwater contamination, what are we going to do to make sure our children aren't going to suffer because of our choices?
- SSM-10A: I like the part where it says they're going to be fully responsible for anything that happens. Also they'll pursue the best knowledge and understanding. People are saying they're going to be responsible, unlike Enron. It's not normal to read something like this. There is normally some loophole where they can't be held accountable.

- SSM-6A: There's normally a scapegoat.
- SSM-1A: I'm happy they said they'll be accountable but who's to say the same people will be there in 15 years? We need more information as to how we're going to keep track of who's responsible when we've all moved on. 50 years down the road someone might say "hey that guy didn't have such a good idea."
- SSM-9A: I like the values, accountability and transparency. If you look at the numbers, if there are 22 reactor sites and communities, why only 7 open houses if they want everything to be transparent? You have to be fully responsible and fully accountable.
- SSM-11A: As a Canadian, I take offence to the focus on the aboriginal. I'm just as much a Canadian as they are. I take offence to that focus. Then the question goes back to what SSM-5A mentioned. Are they looking at putting this on Aboriginal land and giving them 3 billion dollars?
- SSM-5A: I think they are saying this is going to be good for you white folks. If anything, the Natives have given us a great clean country and it's our responsibility as Canadians is to take care of it.
- SSM-1A: I know a lot of Aboriginals that would take offence to taking their name out of the document.
- SSM-9A: A lot of Aboriginals don't want to be characterized as us.
- SSM-11A: Why is it exclusive?
- SSM-6A: I think it's because Aboriginal people live from the land a little more than the average person. So, however we store it, especially if it's underground, it's going to affect the Aboriginals more than average Canadians.
- SSM-5A: I don't want our nationality to start this segregation crap like the Americans.
- SSM-3A: I don't even consider myself anything. I consider myself as much Canadians as most other people. I don't think it should be so specific. Anyone in the community should have just as much of a say.

SSM-1A: One spot in the red section, “I feel it is very important...” Who’s the one making that all necessary? Who’s making the decision? If it comes down to dollars, you can bet your ass that the last thing they’re going to say is that necessary if it’s 2 more million in their pocket

Pages 8 and 9

SSM-10A: Like was said before, where do we go?

SSM-6A: At least the caption is more appropriate. This picture makes more sense with the caption than the one on the cover does.

SSM-4A: We need to take into consideration the development of new technology. You’ll never get anything done with all these arrows because they have not yet made up their mind about where they want to go. They need to make up their minds. APM is another made up name. It seems to me there would be an easier way to say that so average people understand.

SSM-1A: At least they’re not closing their minds, I circled it both ways.

SSM-5A: So did I.

SSM-8A: I circled it in green. We need to take into consideration new technology. We need to. From the negative point of view, the suitable rock formation, there has to be another way to do it.

SSM-6A: How do they define a suitable rock?

SSM-8A: We’re talking about it costing \$4.4 billion and we’re going for 40-60 years? What’s it going to be in the 50th year? We won’t have any healthcare!

SSM-4A: We need \$4.4 billion and they’re not even charging enough to those creating it to pay for the bill?

[Discussion Leader]: **Who’s paying?**

SSM-1A: We do through taxes.

SSM-6A: We’ll pay eventually, right after it says that the producers contribute to funds annually. The legal responsibilities rest with the individual companies. No third party is regulating making sure they pay their dues.

- SSM-1A: I circled that red
- SSM-7A: I liked that they explained that there's legal responsibility. It means there's some accountability involved. They're telling us where the money is coming from. There's not enough at this date but there is a legal responsibility. That way the crown or individuals can get together and hold them accountable.
- SSM-10A: Who says we can find out the proper information?
- SSM-6A: I have the second sentence in red. If the legal responsibility is dependent on each individual company, who's going to make sure we have the knowledge as to whether or not we are contributing. Most likely, I would like a third party because power can lie with themselves. Absolute power corrupts absolutely.
- SSM-9A: The Advisory Council for the NWMO will make that transparent to Canadians to show that they're meeting their legal obligations.
- SSM-11A: Just that one section, if the Nuclear Fuel Waste Act is requiring contributions, they should demand certain contributions. The act itself should monitor it and hold private companies accountable. They should have a set formula so it's not going to be the individual companies' responsibility. The act itself needs to be a little more defined.
- SSM-4A: I circled "the report in easy to understand language." If they really do that, that would make me very happy.
- SSM-1A: I agree with having the money monitored. If you can't trust the government, how are you going to be able to trust this?
- SSM-6A: I mean, look at Mulroney. We're just finding out right now and how long has he been out of office!

Pages 10 and 11

- SSM-1A: I had it all down as good. At least we have some direction.
- SSM-11A: I like the photo. The one picture that is actually relevant. It shows direction to what they are trying to say.

- SSM-10A: Yes, they want to move north.
- SSM-4A: Why a willing host community? Don't we have many square miles where we don't have any community?
- [Discussion Leader]: **Do we mean community with a school or just land?**
- SSM-6A: When I hear community, I hear people.
- SSM-4A: Doesn't Canada own a lot of national park type land? That's not a host community.
- SSM-6A: I wouldn't want it in a park.
- SSM-10A: If they're going to put it in concrete, how do we know the nuclear waste won't decompose and break down the concrete? Once it becomes radioactive, it will leak into the ground.
- SSM-6A: The only thing I highlighted green on page 11 is "extended monitoring."
- SSM-1A: What I was hoping for is a separate community. If it's going to be underground, that's a decision we are not capable of making.
- SSM-4A: I marked "flexible plan for future generations" green. I thought that was a good statement.
- SSM-8A: Phases 1, 2 and 3 – I can take exception to almost everything there. I don't want to put it underground. I marked "used fuel remains retrievable: green. If we can use it in some way...I believe, I have faith in the research faculties of people to finally devote their attention to a solution to this.
- SSM-1A: More information would be better.
- SSM-5A: I am not into putting this stuff underground. Why don't we just build bigger rockets?
- SSM-6A: The first point under Phase 2, the demonstration of long term isolation. As of this point, we're not even sure how we're storing it, how are we going to demonstrate this? It sounds too vague to me. We're going to demonstrate how we're going to store it but we're not even sure how we're going to store it?

SSM-1A: If we had it above ground, what would happen if it did get bombed?

Pages 12 and 13

SSM-9A: Are the timetables concurrent or consecutive?

SSM-7A: I liked it. It's directional, brief and to the point. I thought it was pretty clear.

SSM-4A: We're sitting here and worrying about this stuff 60-80 years in the future. By then this will be our last concern. We'll have a lot more worries than nuclear waste.

SSM-10A: I liked the input point and I liked the regulatory oversight. It means that it will have to be explained before they have to do something and have to have legitimate reasons as to why they want to do it.

SSM-8A: A positive thing other than the years ago is that the APM is supposed to be flexible. The incorporation of new research is a must.

SSM-10A: I don't like the shallow underground storage point.

SSM-6A: They keep repeating the underground over and over like it's the only possible solution. We're just average people and we're not crazy about it. There has to be something else that can be done.

[Discussion Leader]: **What if the top scientists told you?**

SSM-6A: I still wouldn't like it. I have children and worry about groundwater.

SSM-5A: Scientists aren't always smart.

[Discussion Leader]: **who would you trust to make that decision?**

SSM-1A: It would have to be a lot of people, not just scientists but everyday people. For instance, an older miner would probably tell you more about what's going on underground than the average scientist.

SSM-10A: It doesn't matter how many people you get in there, there will always be one that turns around and says that doesn't work.

Pages 14 and 15

SSM-4A: I circled in green "danger about transporting." I appreciated they kind of explained that.

SSM-1A: I liked the fact they did the "legal obligation."

SSM-7A: I found the recycle section "gobblody gook."

SSM-9A and SSM-8A: I liked that section.

SSM-5A: Shallow underground storage, I didn't like that.

SSM-9A: How much money are we going to spend looking into reprocessing? What byproducts are we going to have and will they be worse than by-products we currently have?

SSM-1A: I circled that too.

SSM-10A: The guy on the left seems like he is wondering what other stupid plan they'll come up with.

SSM-5A: I see everyone here but Natives. It makes me think "get the white people to think that the Natives will just take it so we'll just agree."

SSM-1A: I was a truck driver and I am worried about this all being in the back of a truck. I'm not worried about my driving, I'm worried about the other guy. This is too general, I would like more information about transport.

Page 16 and Inside Back Cover

SSM-4A: I marked the words iterative and evolving process. Use English the average person would understand. Is iterative a misspelling?

SSM-1A: At least they're telling you they are trying and they're going to work at it.

SSM-10A: How do we handle emergencies? What safeguards are in place?

Strategic Objectives Exercise

[Discussion Leader]: **When you went through those objectives, were there any that you thought were missing? Is there anything that should be on that list?**

- SSM-10A: Accountability.
- SSM-8A: Total governance. They could have all the scientists in the world but I want to see the Queen sitting up there or someone.
- SSM-9A: We are reforming the NWMO. That was one of our main concerns last time. We thought the NWMO was an independent organization. is it or isn't it a government run organization? And if it is, how does that work or how can we trust it?
- SSM-1A: I don't want to see it being a profitable thing. If I see it as a profitable organization or company, I don't trust it. Then they're just in it for the dollar.
- SSM-5A: They're not going to do it for nothing. Somebody out there will figure out how to make money off this.

NWMO Newsletter

- SSM-1A: I'm disappointed. I've lost a lot of faith. I've dealt with the Ministry of Natural Resources before and I don't trust them and people like Ontario Hydro. How are you going to get money from these guys? They've found a way of getting money from you in every way possible. You go on your bill and you see nothing but transition charges.

[Discussion Leader]: **After reading this update, what is your reaction to where they're at?**

- SSM-6A: It just says the government chose.
- SSM-9A: It's brought forth by the NWMO for Canadian government so the government basically pays the NWMO in a consultants role I would guess.

[Discussion Leader]: **Has there been progress from the first time we talked?**

- SSM-11A: Pretty slow.

SSM-9A: There needs to be a comparison about where they were and where they are at.

SSM-6A: It doesn't seem like much has happened to me. Up until the last time, I'd never heard of this organization.

SSM-1A: Who's on the Board?

SSM-7A: What did Ken Nash do before he was president?

[Discussion Leader]: **Are there any groups you'd like to see NWMO work with?**

SSM-6A: Not necessarily a group but David Suzuki.

SSM-1A: There's a name you can trust.

SSM-10A: Greenpeace.

SSM-3A: Most environmentalists are against nuclear energy but it's there, it's being used, they need to help us find a way.

SSM-8A: As long as those groups are not being funded by government.

SSM-9A: They should be unbiased. If the government is using the NWMO to make its decision, it should have something thrust upon it to influence its decision.

SSM-6A: They should talk to school children. People don't give little kids enough credit. They're inheriting this and they see things differently than adults do. They're not jaded and kids are unbiased.

Transparency Exercise

SSM-1A: It all sounds good on paper if they do what they say they're going to do.

SSM-10A: Who's going to make the legislation?

SSM-4A: That must have already been done. They must already have their mandate laid out.

[Discussion Leader]: **What was your first impression?**

SSM-4A: They're trying to be open.

SSM-1A: I like that they say they'll come to us first before they implement and it will be on the website. Will they have the authority to do that? Will they be able to stick to their guns?

SSM-5A: I like that it all starts with "we will." There are no ifs, ands or buts.

SSM-6A: It seems like it's the bare minimum of requirements. It doesn't seem like they're going above and beyond. They should do more.

SSM-3A: They say they'll publish minutes from meetings. What if something bad does happen? Will they edit the minutes?

[Discussion Leader]: **Is it important they have a policy like this on paper?**

Unanimous yes from Panelists.

SSM-8A: I don't think that we can come up with a definitive suggestion of what must be there by looking at this piece of paper. It seems they are becoming a crown corporation, which I don't want. They need to be an independent organization with independent people, the fewer the better, to make up their minds independently on the most important things.

SSM-10A: When it comes down to it, someone's pocket will get filled.

SSM-1A: They'll show all the financial transactions, must be in plain English and they must be specific with what they're doing with the money.

SSM-5A: If there was something I didn't want you to see, I'd knock that out really fast.

SSM-1A: I want in depth but easy to understand financial information.

SSM-8A: They mention the annual report, not a letter from management which is a must for any financial statement. I don't think we can say everything is there, it isn't.

[Discussion Leader]: **Should we assume every document should be public?**

SSM-2A: Yes, we want it all there out in the open. If you hide one document, every one wants it.

SSM-5A: It's about security too, you don't give out the combination to the lock.

SSM-6A: We should be able to know something about security but not all little secrets.

SSM-8A: We're supposed to be a paperless society. We need to get down to the relevant things they should be reporting.

SSM-6A: There are some things that would scare people, there are some things that are beyond my capability of grasping. They need a procedure and order of how to release things as not everyone could grasp everything.

[Discussion Leader]: **Do we need to keep some things secret so we can make decision?**

SSM-3A: May not be secret but may not put it out there until decisions are made.

SSM-6A: You can't make any decisions if there are crazy protesters outside your door.

SSM-7A: Now that we're all managers on the payroll, we all of a sudden don't need anything transparent. It's either transparent or it's not, we don't need to know everything, but we do need to know that there is security, there is great security. We do need to know that it's either transparent or it's not. If it's not all there on the website, if people request it, they should get it.

[Discussion Leader]: **Should there be a third party that makes sure you get that information?**

SSM-1A: You don't want to know when that truck is carrying that waste.

[Discussion Leader]: **If I say I want the minutes, and the organization won't give them to me, should there be a third party that will give it to me?**

SSM-1A: If I'm driving that truck, I don't want anyone to know when I'm driving.

[Discussion Leader]: **If we take security off the table...**

- SSM-6A: There should be someone to make sure that if we have questions, we get answers. We can't be ignored.
- SSM-8A: We're getting to a point where we're trying to define transparency.
- SSM-9A: We're looking at what the environmental impact is, what the community impact is. That's where we want to see the transparency. We want to know that it's not a government run organization. In terms of the other things, that's not important to us.

4. BROCHURE

The NWMO brochure “Moving Forward Together” was provided to Navigator, in both English and French, as a discussion material for Phase One Citizen Panels.

a. Red/Green Pen Exercise

Upon arrival, Panelists were given a twenty minute period to review the sixteen page brochure in its entirety. Each Panelist was given a red pen, green pen and a black “Sharpie” marker and instructed to, as they reviewed the brochure, mark page-by-page any element they felt positively about or agreed with in green and felt negatively about, or did not agree with, in red. Panelists were free to underline, circle, or mark with any mark to indicate a general like or dislike of any element in the brochure, including content, design, graphics or photographs. In cases where they had a question or comment about something they read or saw in the brochure, they were instructed to write their question on the document.

Additionally, after reviewing the entire brochure and marking it with both red and green pens, Panelists were asked to review their markings and identify the items they felt the most strongly about, both positively and negatively, by circling them with the “Sharpie” marker.

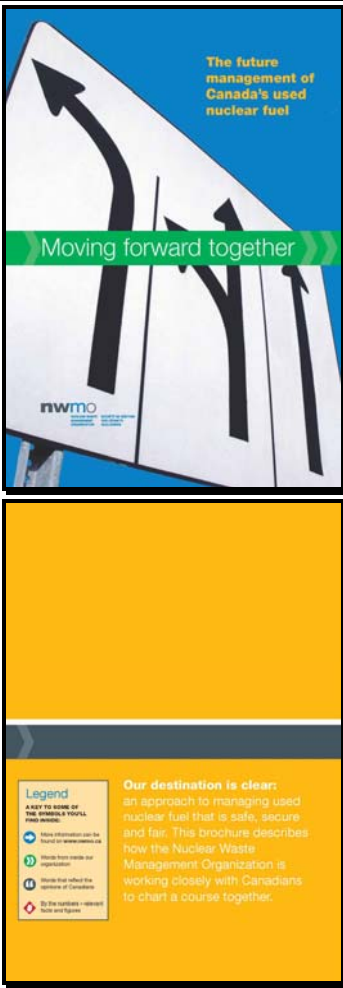
Instructions were provided by the discussion guide, as well as in written form. A copy of the instructions provided is attached in the appendices to this report.

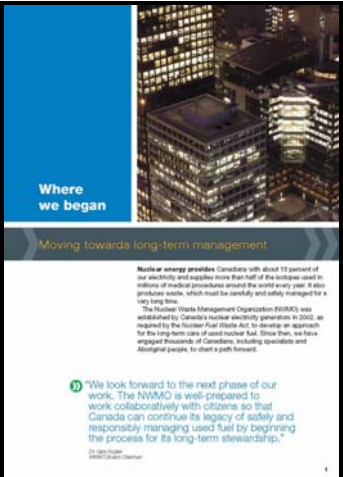
The Discussion Leader, later in the Panel, led a discussion and page-by-page review of Panelist impressions of the brochure. To aid the discussion, the Discussion Leader had a large, laminated “storybook” version of the brochure.

On the following pages are thumbnail depictions of the brochure, as well as an indication of what Panelists marked with red and green pen.

Overall, Sault Ste. Marie Panelists were very skeptical of many aspects of the brochure. They felt the NWMO made a good attempt and appreciated the intent of the brochure, but many viewed it as far too complex. As well, some Panelists had a great deal of difficulty and widely debated the distinction between Canadians and Aboriginal people. A number of Panelists also expressed anxiety about the notion of “shallow underground storage,” as well as any mention of transportation.

Front Cover and Inside Front Cover



Statements/Images Panelists Agreed with	Statements/Images Panelists Disagreed with	
	<ul style="list-style-type: none"> Arrows 	

Statements/Images Panelists Agreed with	Statements/Images Panelists Disagreed with	
<ul style="list-style-type: none"> • ...supplies more than half of the isotopes used in millions of medical procedures... • ...work collaboratively with citizens... 	<ul style="list-style-type: none"> • Since then, we have engaged thousands of Canadians, including specialists and Aboriginal people, to chart a path forward. 	

Pages 2 and 3

Statements/Images Panelists Agreed with	Statements/Images Panelists Disagreed with		
<ul style="list-style-type: none"> • Our mandate is to work collaboratively with Canadians to develop an implement a long-term management approach that will safely isolate the used fuel from people and the environment, essentially indefinitely. • The NWMO is committed to ensuring Canada benefits from the best experience and knowledge from around the world. • Did you know? • “...our generation has a responsibility to safely manage the waste we produce.” 	<ul style="list-style-type: none"> • ...Aboriginal people • Afterwards, the bundles are typically placed in dry storage containers, silos or vaults. • The entire current inventory of used fuel bundles, if it could be stacked end to end, would fill five hockey rinks to the top of the boards. • Picture of people standing in front of white containers. • ...characterization facility. • After a 15 year review, France has approved a plan that calls for a site to be chosen in 2015 with storage beginning in 2025. 	<p>We are here</p> <p>Helping Canadians understand the issues</p> <p>Canada has operated nuclear power plants... The NWMO is focused on the long-term management of used nuclear fuel... 5x</p>	<p>...regardless of decisions which will be taken about how electricity should be generated, our generation has a responsibility to safely manage the waste we produce...</p> <p>BY THE NUMBERS</p> <ul style="list-style-type: none"> Canada currently has 22 commercial reactors at 17 nuclear generating stations generating 85,000 megawatts of electricity each year 2 million tonnes of nuclear waste ON 1.7 million tonnes of nuclear waste QC 105,000 tonnes of nuclear waste NB 115,000 tonnes of nuclear waste <p>INTERNATIONAL PERSPECTIVE</p> <p>Canada is among the world's top 10 nations in terms of electricity generated from nuclear power... France has approved a plan that calls for a site to be chosen in 2015 with storage beginning in 2025.</p>

Pages 4 and 5

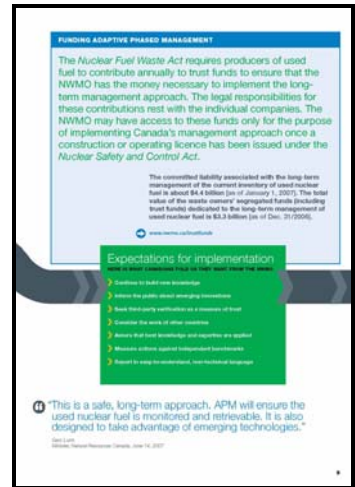
Statements/Images Panelists Agreed with	Statements/Images Panelists Disagreed with	
<ul style="list-style-type: none"> • Canadians also have the benefit of an independent Advisory Council to monitor the work of the NWMO. This group of individuals is knowledgeable in nuclear waste management issues and experienced in working with citizens and communities on a range of public policy issues. The <i>Nuclear Fuel Waste Act</i> requires the NWMO to make public the independent written comments of the Advisory Council on the NWMO's study and its triennial reports. • Guiding Principles: Vision and Mission... • A strong research program will ensure that Canada benefits from leading edge technological innovation in radioactive waste management... 	<ul style="list-style-type: none"> • Pictures of NWMO employees • Technical research 	

Pages 6 and 7

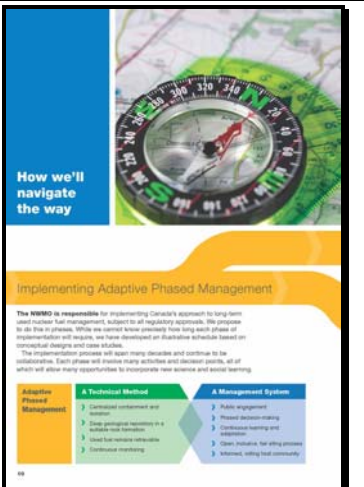
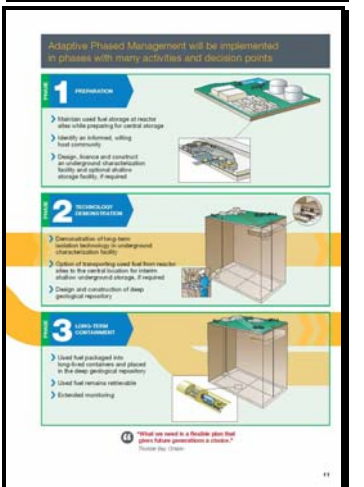
Statements/Images Panelists Agreed with	Statements/Images Panelists Disagreed with	
<ul style="list-style-type: none"> The issue also requires consideration of environmental, economic, social and ethnical concerns. There are no absolute answers. ...safety, security and fairness are paramount: the management approach must be safe and secure for people communities and the environment; and it must be fair for current and future generations. An important goal for Niigani is to help the NWMO interweave both Aboriginal and western world views into its thinking and process. “I feel it is very important to make sure that all necessary precautions are taken so that these waste materials are safely stored so that future contamination of Mother Earth and the human race can be prevented. Remember, we are borrowing from our children.” 	<ul style="list-style-type: none"> As early as 1988, studies determined that deep geological isolation of nuclear waste is a sound technical approach. 	

Pages 8 and 9

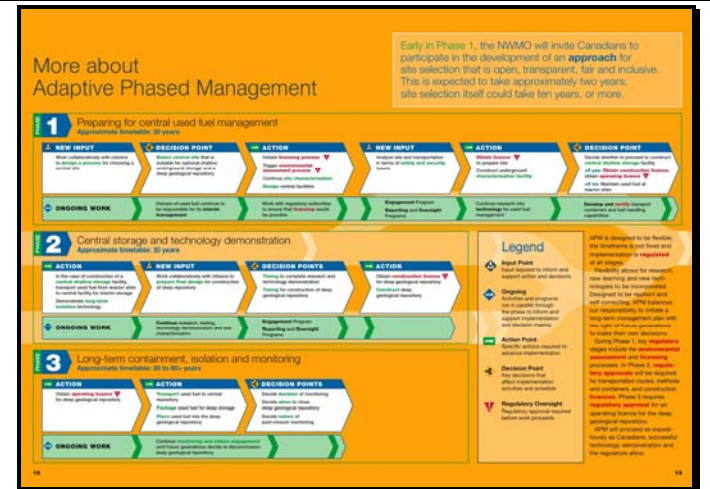
Statements/Images Panelists Agreed with	Statements/Images Panelists Disagreed with
<ul style="list-style-type: none"> • “We shouldn’t think we have all the answers right now. We need to take into view the development of new technologies.” • The <i>Nuclear Fuel Waste Act</i> requires producers of used fuel to contribute annually to trust funds to ensure that the NWMO has the money necessary to implement the long-term management approach. • Expectations for Implementation... • “This is a safe and long-term approach. APM will ensure the used nuclear fuel is monitored and retrievable. It is also designed to take advantage of emerging technologies.” 	<ul style="list-style-type: none"> • The legal responsibilities for these contributions rest with the individual companies. • The committed liability associated with the long-term management of the current inventory of used nuclear fuel is about \$4.4 billion [as of January 1, 2007]. The total value of the waste owners’ aggregated funds (including trust funds) dedicated to the long-term management of used nuclear fuel is \$3.3 billion [as of Dec. 31/2006]. • ...deep geological disposal into the Canadian Shield...centralized storage above or below the ground; and storage at nuclear reactor sites.



Pages 10 and 11

Statements/Images Panelists Agreed with	Statements/Images Panelists Disagreed with	
<ul style="list-style-type: none"> Adaptive Phased Management: A Technical Method and A Management System The compass Used fuel remains retrievable Extended monitoring “What we need is a flexible plan that gives future generations a choice.” 	<ul style="list-style-type: none"> While we cannot know precisely how long each phase of implementation will require... Phase 1: Preparation Phase 2: Technology Demonstration 	

Pages 12 and 13

Statements/Images Panelists Agreed with	Statements/Images Panelists Disagreed with	
<ul style="list-style-type: none"> Entire chart Legend 	<ul style="list-style-type: none"> Select central site that is suitable for optional shallow underground storage and a deep geological repository. 	<p>More about Adaptive Phased Management</p> <p>Early in Phase 1, the NWMO will invite Canadians to participate in the development of an approach for site selection that is open, transparent, fair and inclusive. This is expected to take approximately two years; site selection itself could take ten years, or more.</p> <p>1 Preparing for central used fuel management Approximate timeline: 20 years</p> <p>2 Central storage and technology demonstration Approximate timeline: 30 years</p> <p>3 Long-term containment, isolation and monitoring Approximate timeline: 50 to 60 years</p> <p>Legend</p> <ul style="list-style-type: none"> Input Point: A point where new information is required for all stages. It is designed to be flexible and self-correcting. NWMO is responsible for the process to obtain and integrate information with the NWMO and other stakeholders. Ongoing Work: Activities and programs that are ongoing throughout the process to obtain and integrate information with the NWMO and other stakeholders. Action Point: Specific actions required to advance implementation. Decision Point: A point where a decision is required. NWMO is responsible for the process to obtain and integrate information with the NWMO and other stakeholders. Regulatory Oversight: Regulatory approval required before work proceeds.

Pages 14 and 15

Statements/Images Panelists Agreed with	Statements/Images Panelists Disagreed with	<p>What is the process for choosing a site?</p> <p>The process for selection of a central site will be developed collaboratively with Canadians. During the study phase, Canadians were asked about a number of siting principles. Among them, was the belief that the location must be accessible to an informed and willing host community. The site must also be technically sound, suitable for a long-term repository, for national disaster preparedness storage and for a characterization facility. Siting efforts will be focused in the four provinces directly involved in the nuclear fuel cycle: Ontario, Quebec, New Brunswick and Saskatchewan. Should communities in other regions express an interest, they will also be considered.</p>  <p>Asking tough questions</p> <p>Can APM accommodate growth in Canada's nuclear power industry? Or different types of used fuel?</p> <p>The NWMO has a legal obligation to manage all of Canada's used nuclear fuel... that which exists now and that which will be produced in the future. APM was primarily designed for the full term Canada's existing reactors. We have looked at how to manage used fuel over its entire life cycle. APM is designed to be technically capable of dealing with additional quantities and different types of used nuclear fuel. It has the potential to accommodate many of the changes that are likely to be required as Canadian energy policy evolves, science and technology advances, and societal expectations and values evolve. The NWMO will continue research and testing to ensure that the plans and programs address new circumstances and remain robust.</p> <p>14</p> <p>Why don't we recycle the used nuclear fuel?</p> <p>Used nuclear fuel is reprocessed in some parts of the world. In Canada, any decision to reprocess used fuel has to be made by the cabinet in consultation with government and the regulators. Consideration should first be given to other types of radioactive wastes which would be produced. The potential for reprocessing used nuclear fuel is being studied in the context of nuclear weapons and the reduction of greenhouse gases. The NWMO must be responsible for the long-term management of high level wastes resulting from reprocessing and we continue to monitor ongoing research in the area of reprocessing used nuclear fuel.</p>  <p>The NWMO will need to demonstrate the safety of any transportation system prior to its implementation. Our research and discussions with authorized in Canada and abroad, suggest that used nuclear fuel can be transported safely. Internationally, many nations have been regularly transporting used nuclear fuel for decades. Recent transport containers are designed to withstand severe accidents and transport conditions, and meet high standards which are continually reviewed by the industry and regulatory bodies.</p> <p>What about the danger of transporting used nuclear fuel?</p> 
<ul style="list-style-type: none"> Can APM accommodate growth in Canada's nuclear power industry? Or different types of used fuel?... 	<ul style="list-style-type: none"> ...production of nuclear weapons. ...characterization facility. 	

Page 16 and Inside Back Cover

Statements/Images Panelists Agreed with	Statements/Images Panelists Disagreed with	
<ul style="list-style-type: none"> • Striking the right balance... • We are ready to take the next steps... 		

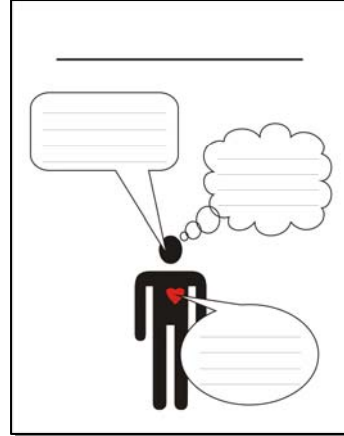
b. “Sharpie” Marker Exercise

The following are what Panelists marked with a “Sharpie” marker to indicate what they felt the most strongly about, positively or negatively.

Statements/Images Panelists Agreed with the most	Statements/Images Panelists Disagreed with the most
<ul style="list-style-type: none"> • The NWMO would be responsible for the long-term management of high level wastes (pg. 15) • Striking the right balance (pg. 16) • Pg. 7: I feel it is very important to take the all necessary precautions • Pg. 6: Creating a contract between science and society - Must be careful for the kids!! • Traditional knowledge • Pg. 8: We shouldn't think we have all the answers now, we need to take into view the development of new technologies • Values (pg. 7) • Adaptive Phased Management (pg. 11) 	<ul style="list-style-type: none"> • Hockey rink (pg. 2) • Nearly 2 million used fuel bundles (pg. 3) • As early as 1988 studies determined that deep geological isolation of nuclear waste is a sound technical approach (pg. 6) • Shallow underground storage (pg. 14) • Pg. 8: Suitable rock formation - Don't feel right storing underground, worried about ground water contamination • Deep geological repository in a suitable rock formation (pg. 8) • Pg. 2: The water cools and shields the bundles while their radioactivity decreases - What happens to the water? • Independent Advisory Council to monitor the work of the NWMO (pg. 4) • Pg. 11: Adaptive phased management - Do not like underground storage • Traditional knowledge (pg. 7)

c. Think/Feel/Say

Panelists, after individually reviewing the entire NWMO brochure, were asked to write down what they thought about the brochure, what they would say about the brochure and how the brochure made them feel. This metaphorical or projective exercise was an attempt to get a more nuanced view of the brochure and to have Panelists share some of their internal reservations they may have been holding back from the Panel. These exercises were not discussed but done individually in writing and immediately collected.



Overall, Sault Ste. Marie Panelists, when asked what they thought of the brochure, were quite skeptical about both the organization and the siting process. When asked what they would say about the brochure, many were far more positive, citing the report as well written and praising both Canada and the organization for their effort. In terms of how the brochure made them feel, many Panelists were, again, skeptical, conveying feelings of uncertainty and mistrust.

The following are what Sault Ste. Marie Panelists thought, said and felt:

THINK	Who is held accountable, who makes the small choices, what are the timelines?
	What is going to happen to the nuclear waste?
	I thought it spent a lot of time reassuring that people would be a part of all decisions and all talking about what was being done in other countries.
	I still don't know how you can get 2 million rods in 5 hockey rinks.
	They are going to put something in the Soo; we don't need the money that bad never!
	I'm worried how final destruction will affect my kids and their kids.
	Some clarifications required.
	Concern of dangers of storage.
	I really do hope the NWMO has their stuff together as well as it was presented here.
	Why now, not years ago when nuclear waste was first discovered.
SAY	At least some one is trying! They are involving us! Why did it take so long?
	What is going to be the best for the world today? Undecided.
	I thought this report seemed to be very matter of fact without actually giving specific details and answers.
	I'm glad the government cares what the "people" think and understand nuclear waste.
	I am very protective of this country, be very careful for what you wish for, we are the last of a clean society ie. water and land.
	They are still trying to decide the best cause of action for disposal/maintenance of nuclear waste.
	Informative, interesting, conversation provoking.
	Well written report.
	I'm not a pro at this but everyone's opinion counts. Lets talk about this.

	I think that is wasn't clear enough. Need more info.
	Canada is making a concentrated effort to actively clean and move waste in a safe manner.
FEEL	Distrust of government, is this \$ oriented, if they screw up what then?
	It makes me feel that nothing has yet been found to be the best result. Makes me nervous that it seems we are waiting for the countries to show us.
	I feel glad that we are planning a safe disposal of nuclear waste.
	They are going to destroy our land, what can I do to stop this?
	Unsure, confused, undecided.
	Reassured that they have a plan. Alarmed that so much nuclear waste is produced.
	Can we not get research done to ensure safety?
	Glad we are talking about it now, but wish we really did not have to deal with this in the first place.
	Uneasy, concerned.
	Not in my back yard concern.

5. STRATEGIC OBJECTIVES EXERCISE

Panelists were provided with an NWMO document summarizing the organization’s current strategic objectives. After reviewing this exercise, Panelists were asked to rate how important each strategic objective was to them, as well as how appropriate the particular objective was to them. The rating of importance was intended to demonstrate how important each Panelist felt it was for the NWMO to undertake each strategic objective, whereas the appropriate rating was intended to demonstrate how appropriate Panelists felt it was for the NWMO to have each as a strategic objective for their organization.

	Importance					Appropriateness				
	1	2	3	4	5	1	2	3	4	5
We are studying our efforts to the building of long-term relationships with interested parties and management people and involve them in writing future direction										
We are putting in place a strong research program designed to increase NWMO's knowledge of nuclear and waste knowledge. This will bring to bear the most advanced international expertise to support implementation of a government decision										
We are studying our efforts to ensure that writing a funding formula will fund future activities that address financial stability and long term program funding										
We are reviewing processes and activities to ensure the organization and its activities fully integrate. This includes continuing to review adjust and update plans against factors such as changes in national, provincial, economic, technical, regulatory and public, as well as changes in energy and environmental policies, conditions, trends and laws and codes										
We are developing a governance structure that provides Government, Stakeholders, Board management, and the public with greater assurance, oversight, advice and guidance about NWMO's activities during the implementation phase										
We are forming NWMO to become an implementing organization - an organization with a full range of capabilities to implement a government decision, including social, technical and financial capabilities										
We will conduct with the collaborative decision of a process to select a site, conduct the public engagement program, a site visit and receive approval of a siting process										

Additionally, Panelists were asked if any strategic objective was unclear, or if there were any objectives not on the list that they would like to see present.

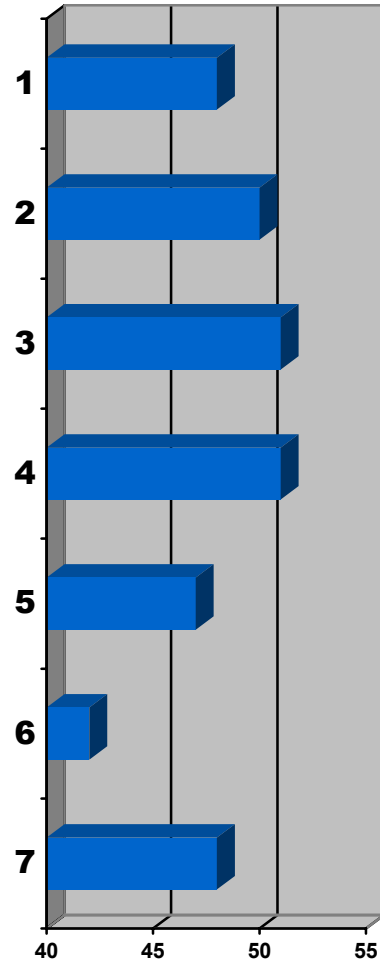
The results expressed were weighted and then tabulated, such that the first preference had the highest value, the second preference the second highest value etc. In the charts that follow, the total values are the sum of the weighted preferences.

Overall, Sault Ste. Marie Panelists rated the objective concerning the development of a “funding formula,” as well as the objective concerning adaptability as most important. Rated as considerably less important, and appropriate, to Panelists was the objective concerning the re-formation of the NWMO into an “implementing organization.” Deemed most appropriate by Panelists was the objective outlining the development of a “strong research program.”

The following are strategic objectives as rated by importance by Panelists:

Importance

1. We are directing our efforts to the building of long-term relationships with interested Canadians and Aboriginal people and involve them in setting future direction
2. We are putting in place a strong research program designed to broaden NWMO's foundation of technical and social knowledge. This will bring to bear the most advanced international expertise, to support implementation of a government decision.
3. We are deepening our efforts to develop and refine a funding formula and trust fund deposit schedules that address financial surety and long-term program funding.
4. We are developing processes and activities to ensure the organization and its activities are fully adaptive. This includes continuing to review, adjust and validate plans against factors such as advances in technical learning, evolving societal expectations and values, and changes in energy and environmental policies, composition, volume and form of used nuclear fuel.
5. We are developing a governance structure that provides Government, Members, Board, management and the public with greater assurance, oversight, advice and guidance about NWMO activities during the implementation phase.
6. We are re-forming NWMO to become an implementing organization - an organization with a full range of capabilities to implement a government decision, including social, technical and financial capabilities.
7. We will proceed with the collaborative design of a process to select a site, supported by a public engagement program. A alter step will involve initiation of a citing process.

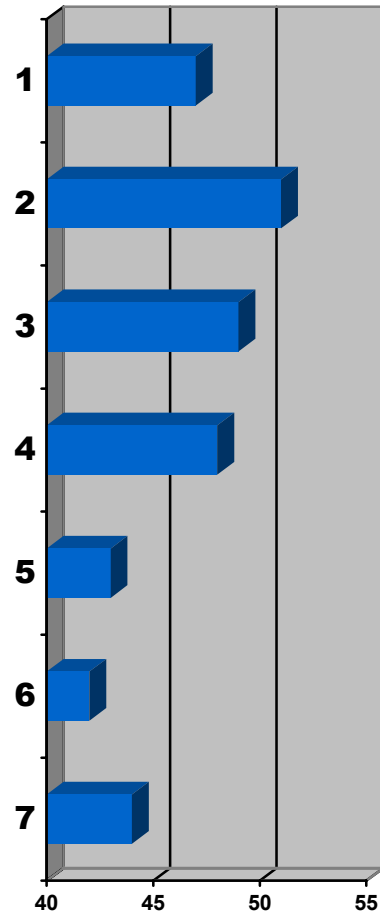


Panelist	SMM-1A	SMM-2A	SMM-3A	SMM-4A	SMM-5A	SMM-6A	SMM-7A	SMM-8A	SMM-9A	SMM-10A	SMM-11A
IMPORTANCE											
1.	1	2	1	1	1	1	3	3	2	2	1
2.	1	1	1	1	1	4	1	1	2	2	1
3.	1	2	1	1	1	1	1	3	1	2	1
4.	2	1	1	1	1	2	1	1	2	1	2
5.	2	2	1	1	1	1	3	1	3	1	3
6.	2	2	1	1	1	2	4	3	3	2	3
7.	1	1	1	1	1	2	3	3	2	1	2

The following are strategic objectives as rated by appropriateness by Panelists:

Appropriateness

1. We are directing our efforts to the building of long-term relationships with interested Canadians and Aboriginal people and involve them in setting future direction
2. We are putting in place a strong research program designed to broaden NWMO's foundation of technical and social knowledge. This will bring to bear the most advanced international expertise, to support implementation of a government decision.
3. We are deepening our efforts to develop and refine a funding formula and trust fund deposit schedules that address financial surety and long-term program funding.
4. We are developing processes and activities to ensure the organization and its activities are fully adaptive. This includes continuing to review, adjust and validate plans against factors such as advances in technical learning, evolving societal expectations and values, and changes in energy and environmental policies, composition, volume and form of used nuclear fuel.
5. We are developing a governance structure that provides Government, Members, Board, management and the public with greater assurance, oversight, advice and guidance about NWMO activities during the implementation phase.
6. We are re-forming NWMO to become an implementing organization - an organization with a full range of capabilities to implement a government decision, including social, technical and financial capabilities.
7. We will proceed with the collaborative design of a process to select a site, supported by a public engagement program. A alter step will involve initiation of a citing process.



Panelist	SSM-1A	SSM-2A	SSM-3A	SSM-4A	SSM-5A	SSM-6A	SSM-7A	SSM-8A	SSM-9A	SSM-10A	SSM-11A
APPROPRIATENESS											
1.	1	2	1	1	1	1	3	3	3	2	1
2.	1	1	1	1	1	3	1	1	1	3	1
3.	3	2	1	1	1	1	1	1	2	3	1
4.	3	2	1	1	1	3	1	1	2	1	2
5.	2	2	1	1	1	4	3	1	3	1	2
6.	2	1	1	1	3	2	4	3	3	1	3
7.	1	1	1	1	3	3	3	3	3	1	2

6. TRANSPARENCY EXERCISE

Panelists were provided with an excerpt of the draft NWMO Transparency Policy. The exercise was introduced with a reminder to Panelists about the frequency with which they raised the issue of transparency as an important pursuit and focus for the NWMO in the previous research phase of the study.

After taking time to review the Policy individually, Panelists were asked to discuss whether or not this met with their general expectations.


Overall, when discussing the NWMO's proposed transparency policy, most Sault Ste. Marie Panelists, although impressed, wanted strong assurances that there would not be profit motivations or impropriety in any NWMO actions. In general, however, they were pleased with the proposed policy, so long as it was externally enforced and monitored. When security was in question, many Panelists agreed that confidentiality and secrecy should be allowed, so long as public safety is the paramount consideration.



7. WEBSITE REVIEW (POST-SESSION WORK)

Panelists were provided with post-session work (homework) to complete following the Citizen Panel. The work consisted of a simple seven question survey to be completed after a brief review of the NWMO website. Those without any access or ability to use the internet were exempted from the exercise.

The survey could be completed in hard copy and mailed-in to Navigator or through an online survey engine. A copy of the survey questionnaire is included as an appendix to this document.



The image shows a survey questionnaire titled "NAVIGATOR" with the subtitle "Questionnaire about our website". It contains three open-ended questions:

- What is your overall impression of the NWMO website?
- Does the website appeal to you? Why?
- What do you feel is the intended audience for the website? What makes you think that?

Overall, the feedback received has been positive. Sault Ste. Marie Panelists feel that the website is very informative, organized and detailed. The most interesting aspects of the website for many Panelists was the Aboriginal dialogue but, again, their scepticism led them to question whether the dialogue was included because they were considering Aboriginal lands for siting. Panelists were divided on whether they felt the website appealed to them and felt the intended audience would be educated and concerned Canadians.

In terms of what they hoped to, but did not see on the website, a number of Panelists mentioned financial statements, as well as what the NWMO has been doing and where has its money been going since its formation.

Panelists all agree that the website has a consistent look and feel and is easy to navigate, and do not feel that it contains too much information.

8. PARKING LOT QUESTIONS

Throughout the Panel discussion, whenever a question was raised that was outside of the current discussion, about a specific matter the Discussion Leader could not address or simply brought up for future consideration, Panelists were asked to outline their question on the Post-it notes provided and place the question in the “Parking Lot.” Panelists were informed that all questions put in the “Parking lot,” a flip chart beside the Discussion Leader, would be answered by the NWMO and provided to Panelists at a future session. This was a further means by which Panelists were empowered and encouraged to think of their contributions longitudinally over the life of the Panel.

“Parking Lot” questions from Sault Ste. Marie Panelists were the following:

- How do you know if storing the waste under ground is safe and what surrounds the waste underground?
- Why would only half the medical procedures use these isotopes?
- About APM: The time tables for phase 1, 2 and 3 are the concurrent or consecutive? Ex is it 30-60 years or 90-120 years?
- Why no younger people (20's) at panel?
- How would we handle a disaster?
- Why underground? Why not in space?
- If above ground the area received an explosion by accident or terrorists what would happen?
- Where on site do they store used rods? In the garage?
- How can any computer nanobite thingy fit 2 million on this period?
- What is a characterization facility?
- The water from the storage containers, where does it go?
- How do the people get appointed to the board to monitor the NWMO and who is it going to consist of?
- Where did Ken Nash work before he became president?
- What has been experience of storage in Canada and other countries?
- Who sits on the NWMO board?
- Do we use this cooling water over and over? What do we do with the water when we are done? Why 40 years temporary?
- How can we make a failsafe if there is a leak? If it's being buried how can we protect the ground water?

APPENDICES

- i. Personnel
- ii. Discussion Leader's Guide
- iii. NWMO Brochure Information
- iv. Red/Green Pen Exercise Instructions
- v. NWMO Strategic Objectives
- vi. NWMO Transparency Discussion Paper (Excerpt)
- vii. Website Survey

I. PERSONNEL

JAMES STEWART WATT, SENIOR DISCUSSION LEADER

Jaime Watt is Chair of Navigator, a Toronto-based research consulting firm that specializes in public opinion research, strategy and public policy development.

Prior to relocating to Toronto, he was, for ten years, Chair of Thomas Watt Advertising, a leading regional advertising agency and communications consulting firm based in London, Ontario.

A specialist in complex communications issues, Jaime has served clients in the corporate, professional services, not-for-profit and government sectors and has worked in every province in Canada, the United States, the United Kingdom, France, Central America, Korea and Kosovo.

He currently serves as Chair of Casey House, Canada's pioneer AIDS hospice, as well as Casey House Foundation and is a Vice President of the Albany Club. He is a director of the Dominion Institute, Woodrow Wilson Center's Canada Institute, TD Canada Trust's Private Giving Foundation, The Canadian Club of Toronto and The Clean Water Foundation. As well, he is a member of the President's Advisory Council for the Canadian Red Cross and is a member of the Executive Committee of Canadians for Equal Marriage. He was a founding Trustee and Co-chair of the Canadian Human Rights Trust and the Canadian Human Rights Campaign.

CHAD A. ROGERS, SUPPORTING DISCUSSION LEADER

Chad Rogers is a Consultant at Navigator providing strategic planning and public opinion research advice to government, corporate and not-for-profit clients.

He has recently returned to Canada after working abroad with the Washington, DC based National Democratic Institute as director of their programs in Kosovo and Armenia respectively. Chad oversaw multi-million dollar democracy and governance assistance programs directed at political parties, parliaments and civil society organizations in newly

democratic nations. He conducted high-level training with the political leadership of Armenia, Bosnia Herzegovina, Iraq, Kyrgyzstan, Macedonia, Moldova and Serbia.

Having previously worked on Parliament Hill as both a legislative and communications assistant to Members of Parliament and Senators, he has an in-depth knowledge of Canada's Parliament and its committees, caucuses and procedures.

He is a board member of the Kosova Democratic Institute and is a member in good standing of the Public Affairs Association of Canada (PAAC) and the Market Research & Intelligence Association (MRIA). Chad has trained at the RIVA Qualitative Research Training Institute.

COURTNEY GLEN, PROJECT MANAGER

Courtney Glen is a Consultant at Navigator assisting in public opinion research, strategic planning and public policy advice for government, corporate and not-for-profit clients.

Courtney most recently worked at the Fraser Institute as a junior policy analyst in health and pharmaceutical policy. In her time at the Institute, Courtney co-authored a major pharmaceutical policy paper and contributed to their monthly policy journal, *The Fraser Forum*.

Prior to that, Courtney worked as a researcher for the Scottish Labour Party in Edinburgh, Scotland, conducting an audit of the Parliament's Cross Party Group on International Development.

Courtney has a Masters in International and European Politics from the University of Edinburgh in Scotland and a Bachelor of Arts Honours degree in Political Science from the University of Guelph.

JOSEPH LAVOIE, PANEL MANAGER (FRANCOPHONE)

Prior to joining Navigator, Joseph Lavoie worked at Citigroup Global Transaction Services where he improved communications within the Transfer Agency Systems department. Joseph achieved this objective via Web 2.0 technologies, which he previously leveraged in developing Santa's Journal, a successful viral marketing campaign that introduced Santa Claus to the world of blogging and podcasting.

Joseph has been active in numerous provincial and federal election campaigns; has provided political commentary for various websites and television/radio programs; and has served as the recruitment director for the Ontario Progressive Conservative Youth Association. In March 2007, Joseph was selected *Canada's Next Great Prime Minister* by Canadians as part of a scholarship program sponsored by Magna International, the Dominion Institute, and the Canada-US Fulbright Program. He currently serves on the Public Affairs/Marketing Team for the Toronto Symphony Volunteer Committee.

STEPHEN LEONARD, PANEL MANAGER (ANGLOPHONE)

Prior to joining Navigator, Stephen attended the University of Guelph where he graduated with a Bachelor of Arts Honours degree in History. Throughout his undergraduate career, Stephen was an active member of the Canadian Forces Army Reserve in Toronto, which he left in June due to medical reasons as a Corporal.

Stephen is head Panel Manager and plays a vital role in the management and organization of the Citizen Panel project.

II. DISCUSSION LEADER'S GUIDE

PHASE ONE CITIZEN PANELS

DISCUSSION LEADER'S GUIDE / PANEL OBJECTIVES

Panel Objectives:

1. To initiate a Citizen's Panel for the Nuclear Waste Management Organization (NWMO).
2. To fully explore the NWMO brochure and have Panelists give direction on possible improvements for future iterations.
3. To gain insight and perspective from Panelists on the direction of the NWMO as it concerns Adaptive Phased Management (APM) and NWMO's movement into the implementation phase of its work.
4. To explore the feelings of Panelists toward an NWMO Transparency Policy and what suggestions they might have for such a policy in the future.

Panel Dates:

Monday, November 5:	Regina, Saskatchewan
Tuesday, November 6:	Saskatoon, Saskatchewan
Wednesday, November 7:	Toronto, Ontario
Saturday, November 10:	Kingston, Ontario
Tuesday, November 13:	Saint John, New Brunswick
Wednesday, November 14:	Montreal, Quebec
Thursday, November 15:	Sault Ste. Marie, Ontario
Monday, November 19:	Scarborough, Ontario

PHASE ONE CITIZEN PANELS

DISCUSSION LEADER'S GUIDE / PANEL OBJECTIVES

Discussion Leader: Jaime Watt
Transcriber: Courtney Glen

ADVANCE OF DISCUSSION

1. LOBBY EXERCISE (0:00 – 0:20)

- **Red Green pen exercise on NWMO brochure**
 - Mark with a green pen those things you like and agree with and things that make sense to you.
 - Mark with a red pen those things you dislike or disagree with and things that do not make sense to you.
 - Your marking can be for text content (underline), graphics or photos (circle) or any element of the publication.
- **One page of written instructions, addressed briefly by Discussion Leader**
 - I would like you to review the document once completely before making any marks on it. After you have reviewed the document from start to finish, I would ask that you take the red and green pens you have been provided and mark in any way (underline, circle, strikethrough) things you like or agree with and things you dislike or disagree with. The green pen is for marking those things that you like or agree with and the red pen is for marking those things that you dislike or disagree with.
 - You are free to mark anything in the document, not just the text. For instance, if there is a graphic or layout element you like or dislike, you can mark this as well.
 - After you have finished reviewing the entire document and marking it with the red and green pens, please take the black sharpie marker provided and mark, with a circle, the one thing you liked most or agreed with the most, as well as the one thing you disliked most or disagreed with the most. That is, of all the marks you made, pick one red and one green that you felt the most strongly about and put a big circle around them with the sharpie marker.

- When you have marked the document with your red and green pens, and then with the black marker for the red and green marking you felt most strongly about, place the document in the envelope. You do not need to seal the envelope.
- Please print in clear block letters your first name and the first letter of your last name on the front of the envelope.

PANEL DISCUSSION

1. OPENING OF PANEL SESSION (0:20 – 0:25)

- Welcome back
- Explanation of Panel methodology
 - Difference between a focus group and Citizen Panel discussion
 - Discussion and interplay between Panelists
 - Debate and raising questions, as opposed to the Discussion Leader asking all the questions
- Confidentiality of session
 - While nothing we do here today is secret, we do need to all feel safe that we can air our opinions freely and honestly. I would ask if everyone can consent to not speaking to the media about our discussions and agreeing not to quote the words of any one person.
 - In our reports and work, we will never identify comments in a way that would identify you.
- Explanation of NWMO disclosure of proceedings

2. INTRODUCTIONS (0:25 – 0:35)

- Brief introductions
 - First names only
 - Occupation, family, place of residence
 - One thing that connects you to one other introduction you have heard

3. AGENDA & EXPECTATIONS (0:35 – 0:45)

- Role of Discussion Leader
 - As mentioned, a Discussion Leader is different than moderator
 - Looking to the panel to have more of a role in the discussion, although I will assist in helping us use our time in the best manner
- Introduction of Steve Leonard
 - In front of you, you will find his contact information.
 - Your point of contact, please feel free to call him if you have any questions or concerns.
- Transcriber
 - Works for the whole panel, please feel free to direct the transcriber to make special note of important points
- Parking lot
 - Everyone has in front of them a number of Post-it notes
 - I would ask that when you have a question, a thought, an idea or a point you want to make that may not relate directly to what we are discussing you jot it down and pass to me, I will place it on the ‘Parking Lot’ flip chart
 - At the end of the session we will come back to this list and attempt to get answers

4. GENERAL DISCUSSION (0:45 – 1:00)

- I am wondering if you thought more about the NWMO after our last session, as many people tell me that, despite their best intentions, they just go back to their daily routines without giving it another thought.
- Has anyone read, seen or heard anything about NWMO in the media since our last discussion?

- Has anyone mentioned anything about used nuclear fuel to a friend, family member or co-worker since our last discussion?
- Have you thought about anything since our last discussion that you wish you had mentioned?

5. BROCHURE (1:00 – 2:00)

[Ask Panelists to take the manila envelope they place their marked copy of the NWMO report in and remove the report]

Think/Feel/Say Exercise

- I am now distributing a sheet with a caricature representing a person. This person is intended to be you. I would like you, after having reviewed the NWMO report earlier this evening, to write in the three spaces provided how you thought, felt and what you would have said about the report.

[For all questions below, probe why – reasons the report makes them feel the way they do]

- For instance, how did the report make you feel? Did it raise any emotions?
- What did you think of the report that you might hesitate to say out loud, knowing that someone from the NWMO was here?
- What would you have said to the person who wrote the report if they were here?
- What did you think of the report when you saw it?
- What do you think others would say about this report?

Red/Green Pen Exercise

[Discussion Leader uses large copy to lead the discussion]

- Review red green pen markings by section, assign:
 - One strongest like/agreement from each Panelist
 - One strongest dislike/disagreement from each Panelist

- Page by page review

6. NWMO IMPLEMENTATION (2:00 – 2:25)

Review of the status of the APM

[Distribute NWMO newsletter]

- Are NWMO's objectives and progress in line with your expectations? Why do you say that? What did you expect? How would you know what to expect?
- What is your reaction to the current status? Why do you say that?
- What organizations should be involved at this point? Why do you say that? How should they be involved?
- What type of groups would you like to see NWMO working or consulting with? What type of groups should they not be consulting or working with?
- Are there any credible third party groups you feel could help NWMO with their work?

Review of NWMO Strategic Objectives

[Distribute NWMO strategic objectives]

- I have a brief exercise I would like everyone to complete.
 - Please read it through once in its entirety. This is a list of strategic objectives NWMO is considering for itself. These would be the overall objectives that guide the organization.
 - After reviewing each strategic objective, please indicate, on a scale of 1 to 5, how important it is to you that the NWMO do this. As well, please indicate if you feel the strategic objective is an appropriate one for the NWMO to have.
 - Please do this exercise individually and then we will discuss your responses
- Review group responses in brief discussion
 - I want to ask you about Importance vs. appropriate for example:
 1. Is this the right priority, if it is, how important is it that they dedicate resources to it

7. TRANSPARENCY (2:25 – 2:40)

Discussion of needs of NWMO Transparency Policy

- I now want to have a discussion about transparency policy. What do you think a transparency policy is?
- Do you think it is important for an organization, such as the NWMO, to have a transparency policy? Is it needed? Why?
- How does having a transparency policy serve an organization such as the NWMO?
- What do you expect a transparency policy to cover? What would you like it to include?
- What would you expect to see in a document outlining the NWMO's transparency policy?

[Distribute NWMO transparency document]

- I am now handing out a document which is a high-level summary of NWMO's transparency practices.
 - Does this meet with your expectations?
 - Do you feel there is any special effort that NWMO must make to be transparent? Do you see that reflected here?
- Do you feel there is a need for transparency measures such as the following:

[If so, why?]

[Discussion Leader will explore each of the three concepts as the discussion progresses.]

- *Presumed Disclosure* – Some institutions, especially those with mandates that involve the public or large social groups as stakeholders, assume that information is to be disclosed unless it meets specific criteria for classifying it as confidential.
- *Leaving space for internal contemplation* – Some organizations purposely allow themselves free space to openly discuss and

deliberate ideas within the organization through the exemption of some forms of internal communications from disclosure.

- *Independent Oversight* – Some transparency and disclosure regimes, both inside and outside of the private sector, employ the use of some form of independent review or oversight to ensure adherence to policies. Within public institutions, a review committee may be set up to hear complaints regarding the process, or hear appeals when requests for information are rejected. In the private sector, where information is more likely to be voluntarily offered to the public as opposed to being available for request, auditing firms may be employed to ensure that the information being offered is accurate and in line with established guidelines.

8. WRAP-UP (2:40 – 2:50)

- Parking lot questions

- Invite NWMO discussion
 - You have raised a number of questions and issues that may require an expert answer. Additionally, we are covering material like NWMO implementation which exceeds my ability to explain to you. Would you like, for a portion of our future session, to invite an NWMO representative into the room to answer your questions and present the current situation from NWMO's perspective? This person would not have to be here for the whole session and would be at your disposal.

- As we end our session does anyone have any remaining issues to discuss or questions to raise about our work?

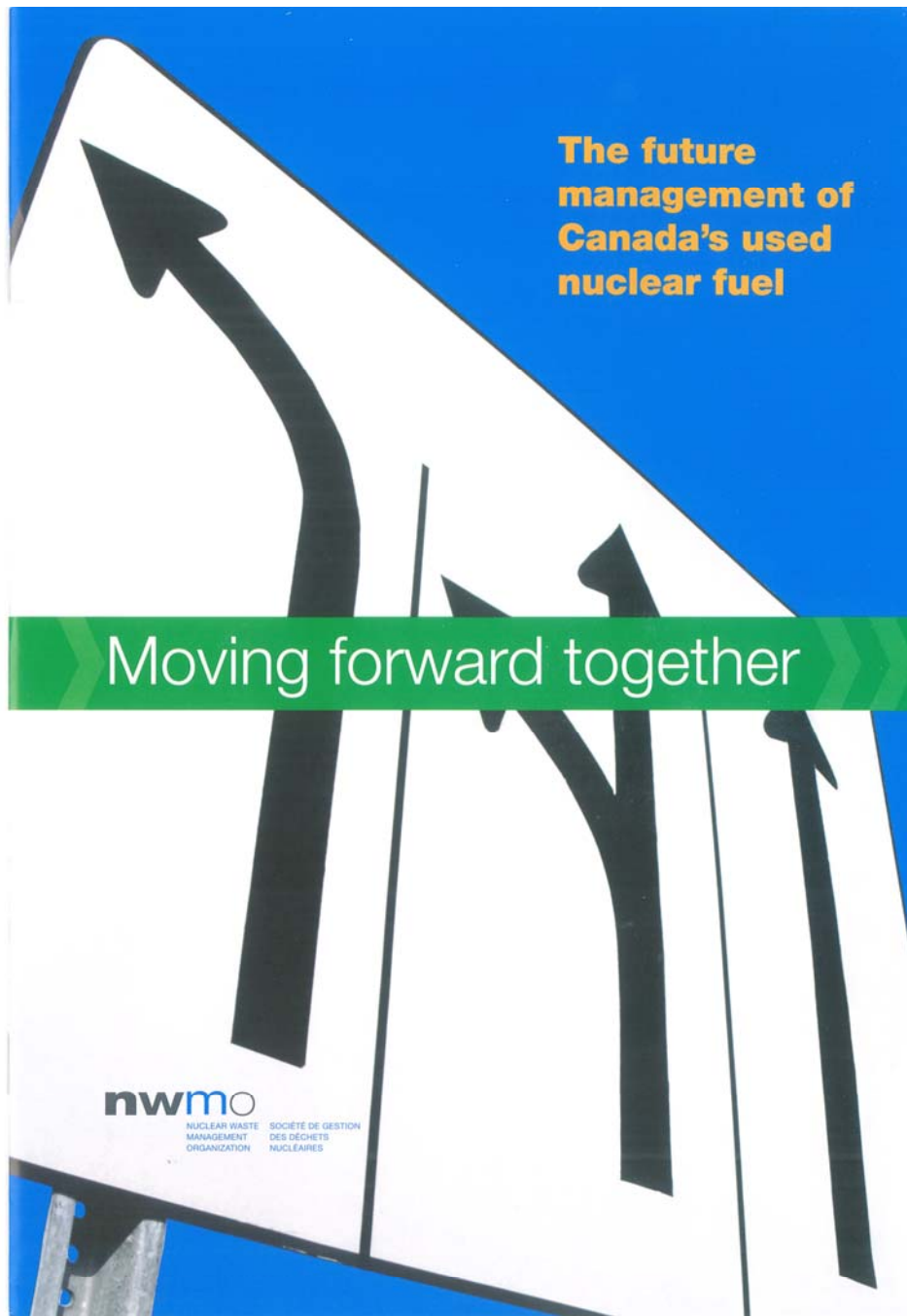
9. NEXT SESSION (2:50 – 3:00)

- Homework
 - Website review (for those with web access)
 - Copy of survey to fill out with stamped return envelope
 - General Question Sheet (Parking Lot for take home purposes)

- Possible dates of next meetings

- Explanation of incentive schedule
- Adjourn

III. NWMO BROCHURE INFORMATION



**The future
management of
Canada's used
nuclear fuel**

Moving forward together

nwmO
NUCLEAR WASTE
MANAGEMENT
ORGANIZATION
SOCIÉTÉ DE GESTION
DES DÉCHETS
NUCLÉAIRES

Information available at www.nwmo.ca
L'information disponible en français.

IV. RED/GREEN PEN EXERCISE INSTRUCTIONS

In front of you, you will see the document “Moving Forward Together.” Please take a moment to review the document completely.

Once you have reviewed the document from start to finish, please do the following:

1. Take the red and green pens you have been provided and begin to mark, in any way (underline, circle, strike through), things that you like or agree with and things that you dislike or disagree with. The green pen is for marking those things that you like or agree with and the red pen is for marking those things that you dislike or disagree with.

You are free to mark anything in the document, not just the text. For instance, if there is a graphic or layout element you like or dislike, you can mark this as well.

2. Once you have finished reviewing the entire document and marking it with the red and green pens, please take the black sharpie marker you have been provided and mark, with a circle, the one thing you liked most or agreed with the most, as well as the one thing you disliked the most or disagreed with the most. That is, of all the marks you made, pick one red and one green that you feel most strongly about and put a big circle around them.
3. Once you have marked the document with your red and green pens, and then with the black marker for the red and green marking you felt most strongly about, place the document in the envelope provided. You do not need to seal the envelope.
4. Please print in clear block letters your first name and the first letter of your last name on the front of the envelope. The Discussion Leader will be out to get you shortly.

V. STRATEGIC OBJECTIVES

Please read through each of the following objectives. After reviewing each strategic objective, please indicate, on a scale of 1 to 5, how important it is to you that the NWMO do this. As well, please indicate if you feel the strategic objective is an appropriate one for the NWMO to have. You can indicate your choice by circling a number in the boxes on the left, with 1 being very important/appropriate and 5 being not important/not appropriate.

Strategic Objective	Importance	Appropriateness
We are directing our efforts to the building of long-term relationships with interested Canadians and Aboriginal people and involve them in setting future direction.	1 2 3 4 5 #1 is it is very important the NWMO do this and #5 is it is not important the NWMO do this	1 2 3 4 5 #1 is it is the objective is appropriate for the NWMO and #5 is it is not appropriate for the NWMO
We are putting in place a strong research program designed to broaden NWMO's foundation of technical and social knowledge. This will bring to bear the most advanced international expertise, to support implementation of a government decision.	1 2 3 4 5 #1 is it is very important the NWMO do this and #5 is it is not important the NWMO do this	1 2 3 4 5 #1 is it is the objective is appropriate for the NWMO and #5 is it is not appropriate for the NWMO
We are deepening our efforts to develop and refine a funding formula and trust fund deposit schedules that address financial surety and long-term program funding.	1 2 3 4 5 #1 is it is very important the NWMO do this and #5 is it is not important the NWMO do this	1 2 3 4 5 #1 is it is the objective is appropriate for the NWMO and #5 is it is not appropriate for the NWMO
We are developing processes and activities to ensure the organization and its activities are fully adaptive. This includes continuing to review, adjust and validate plans against factors such as advances in technical learning, evolving societal expectations and values, and changes in energy and environmental policies, composition, volume and form of used nuclear fuel.	1 2 3 4 5 #1 is it is very important the NWMO do this and #5 is it is not important the NWMO do this	1 2 3 4 5 #1 is it is the objective is appropriate for the NWMO and #5 is it is not appropriate for the NWMO
We are developing a governance structure that provides Government, Members, Board, management, and the public with greater assurance, oversight, advice, and guidance about NWMO activities during the implementation phase.	1 2 3 4 5 #1 is it is very important the NWMO do this and #5 is it is not important the NWMO do this	1 2 3 4 5 #1 is it is the objective is appropriate for the NWMO and #5 is it is not appropriate for the NWMO
We are re-forming NWMO to become an implementing organization – an organization with a full range of capabilities to implement a government decision, including social, technical and financial capabilities.	1 2 3 4 5 ##1 is it is very important the NWMO do this and #5 is it is not important the NWMO do this	1 2 3 4 5 #1 is it is the objective is appropriate for the NWMO and #5 is it is not appropriate for the NWMO
We will proceed with the collaborative design of a process to select a site , supported by a public engagement program. A later step will involve initiation of a siting process.	1 2 3 4 5 #1 is it is very important the NWMO do this and #5 is it is not important the NWMO do this	1 2 3 4 5 #1 is it is the objective is appropriate for the NWMO and #5 is it is not appropriate for the NWMO

VI. NWMO TRANSPARENCY DISCUSSION PAPER (EXCERPT)

NWMO Approach to Transparency

- We will conduct ourselves with honesty and respect for all persons and organizations.
- We will pursue the best knowledge, understanding and innovative thinking in our analysis, engagement processes and decision-making.
- We will seek the participation of all *communities of interest* and be responsive to a diversity of views and perspectives.
- We will communicate and consult actively, promoting thoughtful reflection and facilitating a constructive dialogue.
- We will be fully responsible for the wise, prudent and efficient management of resources and be accountable for all our actions.
- We will be open and transparent in our process, communications and decision-making, so that the approach is clear to all Canadians.

We will give evidence of this by publishing on the NWMO's website, in a timely manner:

- A copy of the legislation which outlines the mandate of the NWMO, to facilitate public access.
- Our formal reports to Government (Annual Report, Audited Financial Statements), and formal direction received from Government.
- The vision, mission and values which inform NWMO's activities.
- Minutes of meetings of any decision-making and/or advisory body struck.
- (Final) Reports from all research commissioned by the NWMO, whether it be scientific, technical and/or social scientific in nature.
- NWMO work plans, which outline the planned work of the NWMO for the coming period.
- Discussion documents, in order to share NWMO thinking with the public at critical decision points through the implementation process, and solicit comment and direction before proceeding to the next step.
- Advice and direction received by the NWMO through dialogues and/or submissions in summary form, and by individual or organization where the NWMO has explicit permission to do so. This includes reports from dialogues and workshops (including expert workshops).
- Reports from all public attitude research commissioned by the NWMO.
- All speeches delivered by the President of the NWMO in conferences and/or workshops.

VII. WEBSITE SURVEY

Open Ended Questions:

1. What is your overall impression of the NWMO website?
2. Does the website appeal to you? Why?
3. Who do you feel is the intended audience for the website? What makes you think that?
4. Was there something you were hoping to find on the web site that you did not see? If so, please outline what it is you were hoping to find.
5. What, if anything, did you find most interesting on the website?
6. Could you identify ways in which you would improve the website? If so, please describe.
7. What do you like most about the website?
8. Is there anything you do not like about the website?

Strongly Agree/Disagree Scale

1. I find the website has a consistent look and feel.
2. I find the website is easy to navigate.
3. I find the website has too much information.
4. I find that it is easy to find the specific information I am looking for on this website.
5. I find the navigation buttons are descriptive.

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