

UNITED STATES & CANADA

INTERNATIONAL JOINT COMMISSION
PUBLIC INTEREST ADVISORY GROUP
PUBLIC MEETING

In the Matter of:)
)
)
INTERNATIONAL LAKE ONTARIO/)
ST. LAWRENCE RIVER STUDY) September 16,
2004)
)

Transcript of Public Meeting held in the above matter at 1 Vince Tofany Boulevard, Greece, New York on September 16, 2004, beginning at 7:00 p.m., pursuant to Notice. Connected via telephonic conference to Dorval, Quebec, Canada.

PRESENT:

MR. AUGERGER - Town of Greece Supervisor

DOUG DOBSON - Monroe County Legislator

AUSTIN WARNER - Town of Hamlin Supervisor

MARY LOUISE MEISENTHAL - Monroe County Executive Maggie
Brooks Representative

PAUL COLE - Representative from Congressman Reynold's office

ED McKEWAN - Representative from Senator Joe Brook's office

DON CONNERS - Representative from NYS Assemblyman Charlie
Nesbit's office

GARY GIST - Representative from Town of Webster Supervisor
Kathy Thomas' office

TONY EBERHART - Study Manager

DAN BARLETTA - PIAG U.S. Co-Chair

SCOTT TRIPOLI - PIAG Member

HENRY STEWART - PIAG Member & Facilitator, Greece, N.Y.

MARC HUDON - PIAG Member & Facilitator, Dorval, Quebec,
Canada (Via telephonic conference)

EUGENE STAKHIV - U.S. Co-Director

BILL WERICK - PFEG, U.S.

ARLEEN KREUSCH - Public Relations

AARON SMITH - Public Relations Assistant

TRANSCRIPTION SERVICE: Associated Reporting Service
 Post Office Box 674
 229 West Genesee Street
 Buffalo, New York 14201-0674
 (716) 885-2081

Associated Reporting Service
(716) 885-2081

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P R O C E E D I N G

2345678

(Applause)

91011121314151617181920

MR. STREIBEL: If everyone would like to take a seat. We'll start this so we can get you out at a reasonable hour. I'd like to invite Supervisor Auberger, supervisor of the Town of Greece, to come up and say a few words.

SUPERVISOR AUBERGER: Good evening. It's great to have you all back here at Greece Town Hall, for the members of the study and for those of you who have not had the opportunity to be part of this area here at Greece Town Hall, I could welcome you if this is your first visit.

Before I say a few words, I'd like to acknowledge some of our representatives who are here from our various elected officials, who took time to either send representatives or to be here this evening.

1 First of all, I'd like to introduce to
2 you our Monroe County legislator who works,
3 represents the part of the lakefront
4 district, here in, not only in the Town of
5 Greece but for the City of Rochester, Mr.
6 Doug Dobson. Doug, thank you for being here
7 this evening. Also I have my fellow
8 supervisor from the great Town of Hamlin, he
9 come all the way in, it didn't take him long
10 to get here, Mr. Austin Warner, Supervisor,
11 Town of Hamlin. We also have representing
12 Monroe County executive Maggie Brooks, Mary
13 Louise Meisenthal.

14 We also have a representative from the
15 office of Tom Reynolds, the U.S. House of
16 Representatives, Mr. Paul Cole representing
17 Congressman Reynolds. We have Mr. Ed
18 McKewen representing Senator Joe Robok. The
19 former Town Supervisor from the Town of
20 Brighton, now representing Mr. Charlie
21 Nesbit for the New York State Assembly, Mr.
22 Don Connors. Don. Last but not least we
23 have Mr. Gary Gist who's representing the

1 Town Supervisor from the Town of Webster,
2 Kathy Thomas. Good to see you.

3 (Applause)

4 Well, this group has certainly
5 accomplished a lot in the years that they
6 have been part and gathering research on
7 lake level issues concerning the Great
8 Lakes. And what they try to do is to make
9 all interests be part of this overall study.
10 And I'm looking forward as supervisor, I
11 know on behalf of our other Town Supervisor
12 and elected representatives, we're looking
13 forward to seeing the results of this hard
14 work. It's never easy when you try to
15 factor in all the different areas that come
16 into the effects of lake level within the
17 State of New York and the lakefront
18 community.

19 A couple weeks ago I had the opportunity
20 of attending the Great Lakes conference in
21 Chicago, where I had the opportunity of
22 working with many different mayors of large
23 cities such as, had the opportunity to meet

1 Mayor Daly from Chicago, right down to very
2 small village mayors and elected
3 representatives from Canada. It was a very
4 eye opening experience for me, the fact
5 that, how important the Great Lakes are to
6 all of our communities, whether large or
7 small.

8 In this is out showing this evening,
9 you're here tonight, to show how you care
10 about the levels of the Great Lakes and how
11 it affects all of us. So I commend the
12 study group. I commend you as citizens and
13 representatives for being here to hear what
14 they have to say and to be part of
15 preserving our Great Lakes. Enjoy the
16 evening, and again, welcome to Greece Town
17 Hall. Thank you very much.

18 (Applause)

19 MR. STREIBEL: My name is Max Streibel
20 and probably most of you know me or call me
21 or, good, bad or indifferent, but I've been
22 with this project for the past four years.
23 We are in the fourth year of a five year

1 study. The study we're presenting to you is
2 about water levels and flows in Lake Ontario
3 and the St. Lawrence River.

4 The International Joint Commission has
5 made many attempts, as we all know, in
6 developing a better regulation plan than the
7 present one, which is 1958D.

8 In this latest attempt and for the first
9 time, the International Joint Commission has
10 broken new ground by involving from the
11 beginning the various stakeholders
12 throughout the system, including first
13 nation people. By involving the
14 stakeholders the IJC is trying to make sure
15 that it would not isolate the various users
16 from the study teams, and risk missing any
17 potential concerns in the preparation of the
18 new regulation plan.

19 In talking about the study teams, I hope
20 that you've taken time to take a look at the
21 panels that we have around the room, if not
22 before you leave tonight. I appreciate you
23 taking that in.

1 In doing so the IJC could not have been
2 more fair and transparent in its attempt at
3 producing the most comprehensive regulating
4 plan for all the communities and users it
5 serves. We've invited you here tonight to
6 hear what concerns you have and to tell you
7 how the study is going. This may be the
8 first time you have come, although I
9 recognize many faces here; to one of our
10 public meetings, or you may have talked to
11 us before.

12 We have heard from people around the
13 lake and down the river and we know that
14 there are conflicting viewpoints. We know
15 that nature has a huge impact but
16 regulations are needed to manage water
17 levels. No one can forecast the weather
18 precisely enough to guarantee when water
19 levels should be raised or lowered.

20 One of the strongest impressions I've
21 learned from working with the study team,
22 and I think I've mentioned this several
23 times at other meetings, is how complex this

1 lake and river system is. We really needed
2 this type of research to give us the good
3 science, and I stress science, to base
4 better decisions on.

5 The format for the evening is as
6 follows. There will be about a 30 minute
7 Power Point presentation. Then we will take
8 a break for you to write down your
9 questions. Now in the packages you received
10 this afternoon as you -- this evening, if
11 you picked one up, there's some paper in
12 there so you can write your questions down.
13 During that time, that 30 minute -- I'm
14 sorry, after the 30 minute presentation,
15 during that time while we're setting up for
16 a teleconference, we're going to link up
17 with people attending a meeting like this in
18 the Montreal area, the Duval Montreal
19 area.

20 Some of you have come to the meeting
21 with one important question in mind. We
22 encourage you to listen to the presentation,
23 knowing that your question will be

1 presented, not only to the audience here,
2 but also in the Montreal area. And everyone
3 will hear the answer. We will be
4 alternating questions between here and
5 there. Since we want as many people in both
6 places to ask their questions, we ask that
7 you be brief as you can and that the people
8 answering your questions do so concisely.

9 We have other guests here who will be
10 introduced to you during the presentation.
11 Making the Power Point presentation this
12 evening will be Dr. Barletta, another
13 volunteer on the Public Interest Advisory
14 Group who lives in Greece. But before
15 turning this over to Dr. Barletta, I also
16 would like to introduce one of our IJC
17 commissioners who's with us today, the
18 Honorable Al Olson. Mr. Olson, welcome.
19 Who incidentally is a former elected
20 official, having been Governor of the State
21 of North Dakota. So we welcome him here.
22 Dan.

23 MR. BARLETTA: Thank you, Max. Before

1 I get started, I know Max pointed out the
2 panels that we have hanging around the room.
3 On this television screen here we'll have
4 after the presentation and the question --
5 You can't hear me? These gentlemen have
6 been with us as we're traveling down the
7 river and across the lake, and we're
8 becoming good friends. Anyways, I was
9 saying, after the presentation and the
10 question and answer period -- the video
11 screen over here will show a Power Point
12 presentation that we used the last couple
13 years to give a lot of the background on the
14 study, how the hydraulics and the geology,
15 how it affects the system. If you haven't
16 seen the presentation before, it will only
17 take about 15, 20 minutes so we welcome you
18 to take a look at that.

19 As far as tonight, the International
20 Joint Commission has asked me to be part of
21 the Public Interest Advisory Group. Our job
22 is to make sure that your concerns and ideas
23 are addressed in the Lake Ontario St.

1 Lawrence River study. As Max said, we're
2 all volunteers. There are presently 22 of
3 us. There's 11 on the U.S. side and 11 on
4 the Canadian side. Together we have held
5 more than nine public meetings and 51 local
6 stakeholder meetings with over 3500 members
7 of the public in attendance.

8 The International Joint Commission is
9 responsible for the shared waters between
10 our two countries. It was founded in 1909
11 by the Boundaries Waters Treaty. In
12 December of 1999 the International Joint
13 Commission initiated our study to review the
14 regulation of the outflows from Lake Ontario
15 through the St. Lawrence River to Trois
16 Riveres, the area circled in red on the
17 slide here. As Max said, we are in the
18 fourth year of a five year study. There's
19 over 120 people involved in the study. The
20 International Joint Commission mandates that
21 all our boards and studies must have equal
22 representation from both countries.

23 I'd like to briefly just introduce to

1 you some of the members of the study who are
2 able to join us today. You met Commissioner
3 Brooks. Russ Trowbridge is the U.S. study
4 liaison to the IJC. From the study board we
5 have the U.S. general manager is Tony
6 Eberhart. The U.S. co-director is Gene
7 Stokhiv. Canadian co-chair is Doug
8 Culpepper. And many of you know Dr. Frank
9 Sciremammano. He's on the study board,
10 along with myself. And Pete Laucks in the
11 back, he's a Professor from Cornell.

12 From the technical working groups, the
13 scientists, we have -- if I miss somebody,
14 please let me know. From coastal processes
15 or coastal erosion we have Pete Zuzak.
16 Roger Haberle is from the commercial
17 navigation group. We've got John Sheen from
18 the hydro group. David Klein is from the
19 environmental group. And Bill Werick, are
20 you here? Oh, he's not here tonight. Okay.
21 And as Max says, and as I mentioned
22 previously, there's a number of us in the
23 Public Interest Advisory Group. We have

1 Henry Stewart, who is going to be
2 participating with the meeting tonight, I
3 skipped Doug Wilcox, who is in the
4 environmental group. Okay. We have a
5 couple public staff people, Arleen Kreuzsch,
6 who is our projectionist. And many of you
7 met Aaron on the way in.

8 Now, when we get to the question and
9 answer period, members of other technical
10 working groups will join us by telephone.
11 So we hope the people here tonight and
12 hopefully the people on the telephone will
13 have the background to answer any of your
14 questions.

15 Now, thinking about the water coming
16 over Niagara Falls, I'm sure you're not
17 surprised that up to 85% of the water coming
18 into Lake Ontario during periods of average
19 to high water levels in the upper Great
20 Lakes comes from those other Great Lakes.

21 The light green area, the light green
22 area is the local watershed of Lake Ontario.
23 Right here. The darker green area includes

1 the watershed of not only the Ottawa River
2 but the St. Lawrence River. Now, the
3 interesting thing about the Ottawa River is
4 the Ottawa River has few control dams on the
5 lower part. So there's no dams down here.
6 Montreal is right in this area. So it's
7 harder to predict how much water from the
8 Ottawa River is going to flow into the St.
9 Lawrence in the next week or so, and this is
10 especially critical in the spring. That is
11 one of the reasons that the flows from the
12 Ottawa River must be carefully considered
13 when regulating the flows on the St.
14 Lawrence River. Just this small fact gives
15 an inkling to the complexity of the system.

16 The Moses Saunders Power Dam at Massena
17 is just one factor controlling water levels.
18 Nature is a more unpredictable factor.

19 Now, the outflows through the Moses
20 Saunders Power Dam are currently regulated
21 using a set of written rules for releases
22 called Plan 1958-D. Although it takes into
23 account the interests of water uses,

1 commercial navigation and hydroelectric
2 power, the plan does not consider the needs
3 of the environment, recreational boating or
4 shoreline erosion. 1958-D was based on the
5 kind of water supplies that we got in the
6 first half of the last century.

7 And after the extreme dry periods of the
8 mid-60's and the wetter periods of the
9 '70's, the plan was allowed to deviate --
10 the plan allowed deviations from the written
11 rules. These days 1958-D is deviated about
12 50% of the time to make adjustments for
13 changes in supplies, accommodating old and
14 new interests, for ice formation.

15 So we -- what we call the plan now is
16 1958-D with deviations. This plan is
17 implemented by the International St.
18 Lawrence River Board of Control and that
19 board also is appointed by the International
20 Joint Commission.

21 The green area, the green area on this
22 slide indicates that the technical working
23 groups have been in the study and data

1 collection phase during the first three
2 years. The Plan Formulation and Evaluation
3 Work Group is mandated to prepare computer
4 models that will use all the data to
5 evaluate possible regulation plans for
6 evaluation by the Study Board.

7 Now, this slide shows that the study
8 board approved these guidelines for deciding
9 which new alternate plans and criteria would
10 best serve the public. The guidelines will
11 be used in ranking options for the
12 International Joint Commission. We know we
13 can't please everyone all the time, but the
14 goal of the study board is to have every
15 significant interest do as well or better
16 than they do now. Now, this is an important
17 slide, so I'm going to give you a few
18 seconds to look over it. And also, just to
19 let you know that in your folder and on the
20 table up front is a handout and it's labeled
21 Visions, Goals and Guidelines of the
22 International Lake Ontario St. Lawrence
23 River. Any Plan or criteria that the study

1 board comes up with, we want it to be
2 environmentally sustainable. We want to
3 have no disproportionate loss to any
4 particular stakeholders. We'd like to have
5 flexible management of the plan. Mitigating
6 alternatives will be mentioned. That will be
7 left up to the IJC to decide what could be
8 done with them. We want any plan or
9 criteria to be adaptable to possible climate
10 change. We're trying to make the decision
11 process as transparent to the public as
12 possible.

13 That's one of the reasons why we're
14 having many meetings. And we want to have
15 any plans and criteria adaptable to future
16 technology. Now, based on the input we have
17 received from the public and the scientists,
18 the Study Team has written criteria,
19 metrics, and performance indicators. These
20 are being studied in order to come up with a
21 variety of plans. As you see on this slide,
22 the team will keep refining these things,
23 starting with criteria. Those are the water

1 levels people prefer or want to avoid.

2 Next, they will develop plans that will
3 try to create those water levels more often.
4 Then they will measure the economic and
5 environmental benefits. Those are the
6 performance indicators, to see if the new
7 plans and criteria really help society.
8 You'd think that if you gave people the
9 water levels they wanted you'd increase
10 benefits automatically, but that doesn't
11 always happen. And we'll touch on that in a
12 bit.

13 First though, let's clarify some of
14 these definitions of the terms that we're
15 sharing with you.

16 In the folder that you received, there
17 is a list of first cut of suggested
18 evaluation criteria, for plan formulation.
19 And it's labeled -- it's a big thick one.
20 It's preliminary criteria metric for plan
21 formulation. We don't want to put this all
22 on the slide because it gets really long,
23 really boring and you'll all be sleeping.

1 It's there for you to read later.

2 These suggested evaluation criteria are
3 not final. In fact, they are being adjusted
4 as we go through the decision process, based
5 on study research and public input. We hope
6 you will review these criteria and comment
7 on them. The suggested evaluation criteria
8 represent the shared common objectives by
9 the various stakeholders, such as not
10 letting the water level get too high or too
11 low, or reducing or accentuating the changes
12 in levels and flows. But all these terms
13 will be easier to understand if we show you
14 some examples.

15 We talked earlier about the extent of
16 the Study. This evening, as Max said, we
17 are paired with Duval, which is outside
18 Montreal, Quebec. We'll talk more about
19 that later. Now let's look at our area.

20 When I talked about criteria, a graph
21 here showed the lines that represent the
22 criteria, the minimum and maximum levels
23 that the stakeholders and researchers have

1 come up with so far. We're going to give
2 you an example what these lines mean. But
3 just so you got some reference points. And
4 this is from all the different technical
5 working groups, and there's just one major
6 graph here. Presently Lake Ontario is
7 controlled between 243.3, which is
8 approximately down in here, and 247.3, which
9 is between the red lines and the dotted
10 yellow black line, so right about here.
11 That's the present range of water levels.

12 The recreational boating and tourism
13 group would like to minimize the frequency,
14 severity and duration of water levels on or
15 below 245.2 feet, or above 247.2 feet from
16 April 15th to October 15th. If it's necessary
17 to change the water levels more than 7
18 tenths of a foot from the beginning of May
19 to the end of June, they don't want us to do
20 any more often than would have happened
21 before March of 1955, the time we call pre-
22 project.

23 They also don't want to have the water

1 drop from the spring peak to the first week
2 of September more than 9.6 inches any more
3 often than really necessary. The rec
4 boating technical working group has come up
5 with these performance indicators to
6 evaluate their criteria. These are economic
7 and environmental impacts the study
8 researchers say will occur because of one
9 plan or another.

10 Beach users prefer that levels are
11 maintained within the range of 243.4 to
12 246.7 feet during May through August to have
13 the best access to beaches and all the
14 associated recreational benefits. For those
15 living along the shoreline, the coastal
16 group has developed the criteria shown with
17 this line. The erosion process occurs at
18 any water level. But the levels in the
19 winter are the most important. The research
20 shows that winter storms cause the most
21 damage because the wave action force during
22 the winter months is more severe.
23 Therefore, we have a lower maximum of 245.1

1 feet from November to the end of February.
2 Coastal group would like to see that 246.7
3 feet be the upper limit from May to August.
4 Above this level the erosion process
5 accelerates in the summer.

6 On these slides we've kept the
7 explanation of performance indicators very
8 brief. A more detailed explanation,
9 actually there's another handout in your
10 folder called preliminary performance
11 indicators. Many of you might have seen
12 this last summer. We had a draft of that
13 last year and it's been revised since last
14 summer. But the explanation is a little bit
15 more detailed for each one of those
16 performance indicators.

17 The environmental technical working
18 group has found that wetlands need higher
19 lake levels about once every 50 years, now
20 in your handout it's going to say every 20
21 to 25 years. That criteria has changes in
22 the last two weeks; the research has shown
23 that they could go to every 50 years going

1 to that level.

2 So during periods of high supplies and
3 lake levels the environmental technical
4 working group would like Lake Ontario to
5 rise to 247.7 feet at the time it would
6 usually peak, although a few inches higher
7 than it would rise under the current plans,
8 for about three weeks.

9 In a different climate situation,
10 wetlands need a very dry period about once
11 every 20 to 25 years. So during periods of
12 low supplies and lake levels, the
13 environmental technical working group would
14 like Lake Ontario be held at 245 feet or
15 below for two years in succession with a
16 gradual return to higher levels during the
17 succeeding two years.

18 So you can see most of the time no
19 change is needed but a few times a century
20 to allow the lake to go a little higher or
21 a little lower, and this will give us
22 healthier wetlands which we believe, and the
23 researchers are still working on this; in

1 turn will give us a greater abundance and
2 diversity of fish.

3 Under normal climatic conditions the
4 minimum wintertime weekly Lake Ontario
5 levels should be kept above 245 feet in most
6 years. In Lake Ontario the first week of
7 April is important for fish spawning. If
8 Lake Ontario levels can be 246 feet and
9 higher in the first week of April the
10 fishermen will be happy when those young
11 reach keeper size.

12 You'll notice on this slide the
13 performance indicators are the impacts that
14 could occur rather than economic measures.

15 Commercial navigation companies find
16 these levels on this slide important.
17 During the shipping season if the levels get
18 above 247.2 feet, the ships must reduce
19 their speed to prevent shore damage on the
20 eastern end of Lake Ontario. This, of
21 course increases their cost.

22 The two minimum levels shown on this
23 slide are important for the companies also.

1 Any level below 243.9 feet means they have
2 to reduce their speed to maintain safe
3 underkeel clearances. Below 243.6 feet the
4 ships must reduce the size of their loads.
5 And both these levels increase their costs.

6 Again, for a more detailed explanation
7 of these performance indicators from this
8 technical group, I'd like to refer you back
9 to that handout.

10 Now minimize the frequency, severity and
11 duration of Lake Ontario levels of 243.1
12 feet and lower so that municipalities,
13 industries and shoreline property owners
14 with wells are not negatively impacted.
15 Now, these are mainly economic, but the
16 social impact on people with wells could be
17 considerable.

18 Now this slide here, we didn't have a
19 graph to go with it, but these are the
20 performance indicators being proposed by the
21 hydroelectric power group. I'll give you a
22 few seconds to read through this, but you've
23 got to remember, whether it's a hot day or a

1 cold day we all need electricity.

2 Let us know what you think by contacting
3 us by regular mail or email. Our addresses
4 are in the material you have received. We
5 especially need to hear from you about the
6 different, about any of the metrics that
7 need to be different. We'll be summarizing
8 all the comments and concerns expressed at
9 this meeting, at the meetings this summer,
10 and thus providing your input to the plan
11 formulation and evaluation group, along with
12 the study board. Your input will be
13 evaluated and incorporated into the study
14 where possible.

15 Now regulation began in the early '60's
16 with the plan, as I mentioned before, called
17 1958-D, at that time, it was the most
18 advanced plan using the technology available
19 at that time. Shortly after its use changes
20 occurred in the climate. First we had
21 extended drought period in the '60's, and
22 extreme precipitation in the '70's, along
23 with demographic changes that include new

1 stakeholders in the system.

2 The board of control was allowed to
3 deviate from Plan 1958-D to satisfy these
4 new conditions. Plan 1958-D with
5 deviations, then 58-DD up on the screen;
6 became the actual although not formally
7 recognized operation plan. During this
8 study we are researching and developing
9 plans based not only on economic rules, but
10 plans with the environment as the most
11 important component plans that stakeholders
12 are giving us, and plans using information
13 from other attempts made in the past. All
14 these plans are being entered into a
15 computer model called the Shared Vision
16 Model. Next year we'll be returning to you
17 with the 2005 plan options for your
18 consideration. This slide shows our
19 tentative meeting dates for next summer,
20 when we will present you with the best
21 alternate plan based on science and your
22 input. Please mark the dates on your
23 calendars.

1 The Public Interest Advisory Group, the
2 Study Board, the study general managers and
3 International Joint Commission liaisons will
4 continue to meet with the plan formulation
5 and evaluation group throughout this winter.
6 We will develop recommendations for plans to
7 bring to you next year. In the fall of 2005
8 our report will be submitted to the
9 commissioners of the International Joint
10 Commission for their decision process.

11 Now, over the last three and half years,
12 many people have been involved in the Public
13 Interest Advisory Group. Like I said
14 before, they have all been volunteers. But
15 we're all interested in the lake and the
16 river. Some for a variety of reasons have
17 been unable to stay on the PIAG, but you'll
18 see my name along with the other members
19 that are here today on this board.

20 On this slide and the next slide you'll
21 see the names of the Study Board members,
22 some of whom also have not been able to stay
23 on the Study Board. You'll see the names of

1 the people here tonight to whom you've been
2 previously introduced.

3 Now, for the next portion of the meeting
4 as Max said, we'll be connecting with some
5 of our experts who cannot attend tonight's
6 meeting in person. You've already met the
7 experts who are here, and we'll also be
8 connecting with Montreal.

9 We're going to take a short break, give
10 you an opportunity to write down your
11 questions and answers, and to set up our
12 equipment. If you don't have a pad or
13 pencil, we have some out at the table in
14 front where you signed in.

15 (Applause)

16 MR. STREIBEL: Thank you, Dan. Before
17 we take the break, I would just like to
18 acknowledge Roger Gauthier, who is in the
19 corner over here, and he's got a computer
20 set up back there that you may be interested
21 in. But his area of responsibility in this
22 study is to come up with a way of
23 categorizing, storing, archiving information

1 that's been derived for all the work that
2 the various technical groups are doing. So
3 if you want to see what he's doing, I
4 suggest you go over there. If you haven't
5 taken advantage of the panels, do that. But
6 it's going to be a quick five minutes to get
7 the teleconferencing going. We're going to
8 call this back as soon as we've made that
9 connection.

10 There will be two microphones. There's
11 one there and there's one over here, that we
12 would ask you to come up to when we
13 reconvene. And Henry Stewart will be
14 facilitating the question and answer period.
15 We'll tell you when it's your turn to ask
16 the experts. So Henry will be coordinating
17 that facet of the presentation tonight.
18 Thank you.

19 (Off the record To connect
20 telephonically with Dorval, Quebec,
21 Canada)

22 MR. STEWART: Ladies and gentlemen, if
23 we could have your attention. I don't mean

1 to interrupt too strenuously but if we could
2 have your attention and ask that you rejoin
3 us in your seats. Thank you very much.

4 We're going to start now because under
5 some time constraints because of the joinder
6 we have with the other location. We're now
7 at the question and answer point of the
8 session. As was indicated, my name is Henry
9 Stewart. I'm a member of the Public
10 Interest Advisory Group as well. We're all
11 volunteers. I happen to live in Greece and
12 have a cottage on the lakeshore in the Town
13 of Huron in Wayne County. All of us on the
14 PIAG have various concerns and interest and
15 are very involved in seeking to see that on
16 behalf of the public this study is carried
17 through in a very deliberate manner that is
18 very attentive to the interests of all
19 stakeholders concerns about water levels and
20 issues regarding Lake Ontario and the St.
21 Lawrence River. So with the question and
22 answer period now, you're going to have a
23 chance to come one by one to either of the

1 microphones, preferably the one closest to
2 you. Your comments and questions will be
3 recorded so that the study team can be sure
4 that they're taken into account throughout
5 the progress of this study.

6 Please come to the microphone so that
7 everyone here can hear you and so that
8 everyone in the other remote location of
9 Duval, Quebec, Canada can hear you as well.
10 When you come to the microphone we ask that
11 you state your name and tell us where you're
12 from, and please spell your name as well so
13 that we can be back in touch with you and it
14 will be accurately recorded.

15 We ask everyone asking a question to be
16 as concise as possible and we also ask that
17 everyone who has occasion to answer a
18 question also be concise because our
19 teleconference with Duval will have to end
20 promptly at 9:00 p.m. If you wish to, after
21 that, however, you can stay and talk with
22 any member of the study team who might be
23 able to assist you in answering a question

1 or addressing a concern that you have.

2 Now, if anyone happens to ask a question
3 that's very similar, that you might deem as
4 very similar to the one that you were
5 planning to ask, please consider delaying
6 asking yours until other people have had a
7 chance to ask other questions and then if
8 there's time you can come and ask yours in a
9 slightly different format or degree. And we
10 could take that up. And if for some reason
11 your question is not answered tonight, we
12 can assure you that if you bring it to our
13 attention or turn it in in writing, we will
14 try our very best to get an answer for you.

15 I believe at this time we're ready to
16 join with the remote location of Duval,
17 Quebec, Canada. I believe that Mr. Marc
18 Hudon, who is also a member of the Public
19 Interest Advisory Group, may be the
20 facilitator there. If we're connected, is
21 Marc Hudon there?

22 MR. HUDON: How are you doing, Henry?

23 MR. STEWART: Marc, how are you? Thank

1 you very much. We're glad we're connected
2 here, and we hope this will be a very
3 important session for both the individuals
4 here and the Town of Greece, near Rochester,
5 New York, USA, and those in Duval, Quebec,
6 Canada. Do you have anyone who would like
7 to start off the questions, Marc?

8 MR. HUDON: We will. I think tonight,
9 we'll let you go ahead with the first one.

10 MR. STEWART: All right. Is there
11 anyone here who would like to come to the
12 microphone, please, and start off? First
13 we'll start with the young woman over at
14 that microphone, and please identify
15 yourself.

16 MS. COE: My name is Kay Coe, C-O-E. I
17 live in Hamlin, New York, and my question
18 is, when considering the water levels and
19 erosion potential, does the group evaluate
20 the effects of the fast ferry wave action on
21 the shoreline?

22 MR. STEWART: That's a very good
23 question, very timely, and we believe and

1 hope that the ferry may be resurrected and
2 that this will become even more timely. Is
3 there anyone who might -- Max, would you
4 like to answer that?

5 MR. STREIBEL: That really hasn't been
6 part of the study although that's been
7 brought up. And I think the hopes are that
8 should the ferry, when the ferry does start
9 up again, they've been very much made aware
10 of the fact that they're going to have to do
11 something to change either their route,
12 speed or what have you, because there's been
13 a lot of concerns, not only from Hamlin but
14 right down through Parma and Greece. But
15 that per se is not part of the lake level
16 study.

17 MR. STEWART: Is there anyone else who
18 needed to say anything about that? If not,
19 we'll move on to the next question but were
20 you going to make a comment about that?

21 MR. SAWYKO: Just a follow-up on that.
22 My name is Leon Sawyko, S-A-W-Y-K-O, and I
23 have a property in Hamlin also. And it

1 seemed to me that one of the areas that you
2 might consider studying is the distance from
3 shore that you might recommend boat traffic
4 travel, depending on the various lake
5 levels, because it is a tremendous wave
6 action that we get on the shore.

7 MR. STEWART: Thank you, Mr. Sawyko.
8 Any other comments from the study team?
9 Pete Zuzak?

10 MR. ZUZAK: My name is Pete Zuzak. I'm
11 a member of the coastal technical working
12 group that's been involved with the
13 scientific components of this study for the
14 last three years. I think it's critical to
15 point out that a ferry, the ferry, fast
16 ferry that's running on the lake here, is
17 regulated by state and federal entities
18 other than the IJC. This study is involved
19 -- but the purpose of this study is to talk
20 about lake level fluctuations, the rise and
21 fall of the lake and the regulation of the
22 dam, and that's something completely
23 different to permitting a ferry to travel

1 internationally across the border to
2 Toronto. So I think that if you're looking
3 for a bone to pick, it's with the stage
4 agencies or the coast guard that permitted
5 that ferry, and those are the people I
6 suggest you pursue this issue with.

7 MR. STEWART: Thank you, Pete. At this
8 time, you got a follow-up to this?

9 MS. THOMAS: Yes.

10 MR. STEWART: All right.

11 MS. THOMAS: My name is Vicki Thomas,
12 T-H-O-M-A-S, and I live in Hilton, New York.
13 And I've actually contacted the Coast Guard
14 of Buffalo. I'm not sure the state, the
15 county and the city, given the study has
16 been done to allow the erosion to continue
17 to affect when the fog comes in and stuff
18 like that. And pretty much the city passed
19 the complaint over to the Coast Guard in
20 Buffalo, and then the tax people. I called
21 the tax people about five times, and I never
22 got a phone call back, and I personally
23 don't think they care.

1 And the Coast Guard in Buffalo said
2 because they are five miles out, that they
3 are in the shipping lane, and they are in
4 their legal rights. So, unless you change
5 legislation, nothing happens with what's
6 going on. And I think the whole thing is,
7 it's not so much the ferry, or whatever, the
8 erosion would seem to be an issue, with the
9 level of the lake and erosion.

10 MR. STEWART: Thank you very much. I
11 take it that with no other comment with
12 respect to that issue we should in fairness
13 switch to the Duval location and give them a
14 chance to ask their first question. Marc.
15 Marc, can you hear us?

16 MR. HUDON: Yes. Are you there?

17 MR. STEWART: Yes, Marc. If you would
18 wish to have your group ask a question at
19 this time.

20 MR. HUDON: Yes, we have a gentleman.

21 MR. STEWART: It's difficult to hear, I
22 think.

23 MR. HUDON: Is it any better now?

1 MR. STEWART: Yes. Marc, thank you.

2 MR. HUDON: Okay. Would you please give
3 your name.

4 MR. FITCH: My name is Tom Fitch.

5 I'm curious about the linkage between the
6 levels in the lake and the river and the
7 groundwater levels, what impact, if there is
8 a lake -- whether or not there is a
9 variation of environmental impact of the
10 variation in the groundwater levels are and
11 whether or not they're considered in this
12 study.

13 MR. HUDON: Thank you very much. Does
14 anyone in the room want to field that?

15 MR. FAY: David Fay from the hydraulics,
16 hydraulics technical working group of the
17 study. I also work for Environment Canada.
18 I think the short answer to your question,
19 is, we've kind of peripherally considered
20 it, but we don't think it's a big factor in
21 our study, but we don't know an awful lot
22 about the interaction between the lake and
23 groundwater. We just think it's very small.

1 And that's the short answer.

2 MR. HUDON: Anyone else who would like
3 to add?

4 (No response)

5 MR. HUDON: Okay. That's it on this
6 point, Henry. And we'll be back to you now.

7 MR. STEWART: Thank you, Marc. Is there
8 anyone from the study team who wishes here
9 to address that issue, beyond what David has
10 mentioned? Gene Stakhiv?

11 MR. STAKHIV: I'll take a shot at it
12 because in fact we know, if you recall, that
13 water balance figure that we showed earlier
14 in the presentation, the water coming into
15 Lake Erie, 85%, the precipitation and
16 evaporation. So we know three out of the
17 four numbers. We deduce the groundwater
18 input from the total water balance, and out
19 of that we can also deduce that it's a
20 relatively small number. So we do have very
21 good figures for four out of the five
22 variables, except for groundwater, so it's
23 whatever is left over from the overall water

1 balance. And from that we deduce that it's
2 a relatively small contribution.

3 MR. STEWART: Thank you, Gene Stakhiv,
4 U.S. co-director of the study team. Anyone
5 else wishing to address the issue? If not
6 we can move on to the next question from our
7 individuals in the U.S. Would anyone like
8 to ask a question at this time? Thank you.

9 MR. BUDINSKI: My name Ken Budinski. I
10 live here in Greece, New York. And that's
11 spelled B-U-D-I-N-S-K-I. My question is,
12 what is the economic justification for
13 international shipping west of Montreal?
14 Last time I looked into the matter there was
15 only like 1000 ships a year using this, but
16 it seems like everybody is wanting high
17 water for shipping and hydro and
18 recreational boating. There is no tendency
19 to bring the water levels back to what they,
20 what it used to be and what it's probably
21 supposed to be.

22 But everybody seems to want high level.
23 I've been keeping track of the water levels

1 every day for the last 14 years and I've
2 seen nothing but going up. And I don't see
3 any -- and a lot of it has to do with the
4 shipping thing. What is the economic
5 justification? In fact, there's only a
6 small number of ships, and how much money do
7 these ships pay with respect to the cost of
8 keeping the seaway open for them? I just
9 don't see it.

10 MR. STEWART: Thank you, Ken. Would
11 anyone from the Study Board itself wish to
12 answer that question? I don't know if we
13 have anyone from commercial navigation here.
14 Roger. Thank you.

15 MR. HABERLY: I think the general
16 question was, if I interpreted it correctly,
17 is why is there a need for higher water
18 levels potentially towards the end of the
19 year?

20 MR. STEWART: What was the justification
21 for the higher water levels?

22 MR. HABERLY: What was the justification
23 for the higher water levels.

1 FLOOR: And we're bringing in the alien
2 species with these ships, and terrorist
3 risks.

4 MR. HABERLY: The seaway is used heavily
5 by commercial navigation to bring
6 commodities to Canada and to the United
7 States. Water levels also impact on the
8 amount of hydropower that can be generated
9 through the power plants themselves. For
10 the commercial navigation study itself, we
11 looked at five years of shipping 1995-1999,
12 and during that five year period there were
13 approximately 28,000 vessels that actually
14 used the seaway system.

15 So they're quite heavily utilizing the
16 St. Lawrence. This converts to somewhere
17 around 55 million tons of actual commodities
18 moving from the, from Montreal area up to,
19 through the St. Lawrence through Lake
20 Ontario and into the United States and into
21 Canada. Some of the major flows that go
22 back and forth are iron ore coming from
23 Labrador, Quebec, going through the

1 seaway, going to steel plants in Canada and
2 the United States. There is -- there's iron
3 ore that comes through Cleveland and Toledo
4 and there's a steel plant located directly
5 at Toledo which would take iron ore, and
6 that's shipped into the United States. The
7 seaway is also used for grain going out from
8 Lake Superior through the system for export
9 to Europe, two major movements. Grain out,
10 iron ore in. Those are two of the major
11 uses of the seaway for commodities.

12 FLOOR: What's the dollar value?

13 MR. HABERLY: Doug might have some
14 insight on that.

15 MR. CUTHBERT: Thank you, Roger. My
16 name is Doug Cuthbert. I'm the Canadian co-
17 director of the study. Roger is basically
18 the U.S. leader of our commercial navigation
19 working group. There is perhaps a misplaced
20 concern that hydropower and shipping
21 interests want high levels on Lake Ontario.
22 Arleen, while I talk, if you could bring up
23 that screen that showed the desired levels

1 for commercial navigation.

2 Hydropower themselves, in my
3 perspective, don't want high water levels.
4 They want flows down the river, but the
5 levels of Lake Ontario really don't affect
6 hydropower at all. But to say that
7 hydropower wants higher water levels I think
8 is incorrect. They want the flow down the
9 river. Whether the levels are high or low,
10 it's the flow that they are concerned about.

11 For navigation, these figures here
12 effectively say that if the elevation of
13 Lake Ontario is above 243.9, and that's a
14 foot below what it is right now, I we're at
15 246 roughly now. So it's two feet below
16 what it is now. Then they're limited, then
17 they have to reduce shipping. But as long
18 as it's above that figure, they don't have
19 any limitation relative to their draft or
20 their shipping.

21 If it goes above 247.2 then they are
22 concerned with the high end. So on Lake
23 Ontario I think it's a misnomer to say that

1 commercial shipping and hydropower want high
2 levels.

3 Now, down the St. Lawrence River it's
4 another story. From Montreal downstream,
5 shipping certainly is affected by water
6 levels and low levels are a big concern down
7 there. Thank you.

8 MR. STEWART: Thank you, Doug. Is there
9 anyone else who wishes to comment? Frank
10 Sciremammano of the Study Board.

11 MR. SCIREMAMMANO: Frank Sciremammano.
12 I'm also a member of the control board. In
13 my 10 years on the control board, navigation
14 on Lake Ontario has never requested higher
15 levels and has generally, the effect of
16 navigation is really Montreal Harbor which
17 wants more water, which actually has the
18 effect of lowering Lake Ontario. So I think
19 that the question is a little misplaced for
20 navigation and I would agree with the other
21 speakers on that.

22 MR. STEWART: Thank you, Frank. Does
23 anyone else wish to address this issue? If

1 not, we can turn it back over to Marc Hudon
2 for another question from Duval. Marc.

3 MR. HUDON: Can you hear me?

4 MR. STEWART: Yes. Thank you.

5 MR. HUDON: Can you hear the
6 translation?

7 MR. MENUE (VIA TRANSLATOR): My name is
8 Claude Menue and I represent the group
9 called the Group of St. Lawrence users and
10 our reason for being is to have a group of
11 stakeholders who are preoccupied by water
12 levels in the St. Lawrence River and most of
13 us, or almost all of us have lived through
14 the impacts of the last five years, due to
15 the very low water levels we've seen. And
16 these situations have led us to learn to
17 understand the situation why did this
18 occurred and why has it happened three out
19 of the last six years, if memory serves me.
20 And we have done some research. We've done
21 a survey with the users, and these are
22 people from navigation, also people involved
23 with coastal inhabitants, marinas,

1 hydroelectricity and many municipalities,
2 recreation and the environment, so just
3 about anything that can be considered as a
4 use of the river is represented in our group
5 and participates in our work. And our
6 survey has highlighted some things first.
7 When the level of the river designs below
8 the chart zero, and that happened for long
9 periods in the last few years. There are
10 some very big difficulties for users. And
11 these situations have to be avoided at all
12 costs.

13 From an observation such as that one,
14 there is a common position that can be
15 summarized as follows. The zero on the map
16 is the minimum, the minimum acceptable for
17 uses of the St. Lawrence. And when I say
18 minimum, it means the minimum threshold.
19 Everything below that is unacceptable due to
20 the impacts that it produces. And we could
21 describe the comfort level as being 30
22 centimeters or one foot above the zero of
23 the map because starting at one foot and

1 above, the impacts are much lesser. So this
2 position, we've described it in a document,
3 as well as the results of our survey. I
4 have some copies with me if anybody wants
5 any. I will be pleased to give you a copy.
6 And we also wanted in our position, and is
7 treated; the commission has already
8 received a copy. We wanted to highlight
9 that the St. Lawrence interests can be
10 specific in many ways. Traditionally the
11 coastal users or various citizens groups,
12 especially in Lake Ontario, may have shown
13 an awareness, a mobilization that was
14 greater than that observed here, and we
15 wanted to counter this situation by creating
16 our group and by having a position that
17 represents the interests of the St. Lawrence
18 River. And I've briefly described it here,
19 but in my written document you will find a
20 more complete version.

21 Now, concerning the study, I'm surprised
22 that after three years that we haven't been
23 given any results of the work that has been

1 done so far. I mean, we are now less than
2 one year away from the end of the study.
3 We're being consulted on the study. But
4 we're being offered a description of the
5 issues, but no results. We know from those
6 who follow the work closely that there are
7 some results that are known, even if they're
8 preliminary.

9 Even if for the moment they describe
10 some trends more than certainty, I think
11 they should have been given further
12 consultation because according to what we've
13 been described, this weeks consultation, or
14 these days anyway, is the most important
15 one in the process. And now is the time to
16 react.

17 But all we can do is react by saying,
18 well, you've forgotten this or that. It
19 would have been much more interesting to be
20 able to react by saying, well, the results
21 that you've obtained or the trends that
22 you've seen correspond or don't correspond
23 to the expectations of the stakeholders.

1 But right now we don't have much meat to put
2 on the bones. And the website of the study
3 or the Joint Commission isn't any more
4 eloquent on the results. We find some
5 generalities or very technical aspects, but
6 almost nothing on the results of the working
7 groups. And that's a sad case. I mean, we
8 would have expected to have more meat on the
9 bones in terms of consultation. Thank you.

10

11 MR. HUDON: Does anyone in the room here
12 want to comment on the reasons why there
13 aren't any more data available on the
14 ongoing work? Andre Carpentier from the
15 study group and also from the control
16 commission.

17 MR. CARPENTIER (VIA TRANSLATOR): I'm
18 surprised to hear Mr. Menue's comments,
19 especially when you say there aren't very
20 many results. In a presentation like this
21 one, we can't give you all the results.
22 What we wanted to do was to summarize them,
23 give you the highlights, giving you the

1 lines and the metrics and all the results
2 are there.

3 The conclusions by the working groups
4 are represented in terms of requests for
5 revenues that need to be satisfied or
6 avoided, as we've mentioned that previously.
7 And the documentation is available on the
8 website or upon request. You must
9 understand that we can't, we can't present
10 all these results. Both for each interest
11 group. But they do exist. They are
12 available.

13 Now, the comment that there was a survey
14 in various stakeholders groups, well, the
15 Joint Commission has received these results
16 and they have been included in the results
17 and comments that we will take into account
18 in our study.

19 MR. HUDON: Thank you, Andre.

20 MS. KENNEDY: Hello. My name is Elaine
21 Kennedy and I'm a member of the Public
22 Interest Advisory Group. I just wanted to
23 add one point to Andre's comments. Am I too

1 loud? Too fast. Oh, sorry. I just wanted
2 to add a comment to Andre's comments. And
3 that is that one of the things that we are
4 being very careful about is that our science
5 must be peer reviewed before we put it out
6 to the public. We want to make sure that
7 our science that we're basing our results
8 and our decisions upon has been reviewed and
9 therefore it is acceptable to other
10 scientists and therefore critical to the
11 scientific community. So I just wanted to
12 add that little bit to --

13 MR. HUDON: Henry, if you will allow us,
14 we had another comment from Mr. Tom
15 McCauley.

16 MR. STEWART: All right. Thank you,
17 Marc.

18 MR. HUDON: Mr. Tom McCauley,

19 MR. McCAULEY: I just wanted to say that
20 we're glad that you've done this survey and
21 we consider it to be very important and the
22 results that you submitted was sent, there
23 are people at the other end who are aware

1 because they received them, as well as the
2 co-chairs, as well as the modeling group.

3 And we want to keep -- we want to keep
4 the study as transparent as possible from
5 the outset. We received as much important
6 data as possible. And since you're a group
7 with many interests, we are very happy and
8 satisfied to include it in the study for the
9 preparation and the evaluation of our plans.

10 MR. HUDON: Thanks, Tom. Okay, Henry.
11 Before I pass it on to you, I have a small
12 request to make.

13 MR. STEWART: Yes.

14 MR. HUDON: We have the best translator
15 people here at this end, but there is smoke
16 coming out of their boots. So I'm wondering
17 if you guys can speak a little bit slower to
18 help us.

19 MR. STEWART: Certainly. I think
20 everyone could hear that and we will note
21 that, as you can tell we've having very
22 significant efforts put forward to have
23 translation occur in this technological

1 circumstance of the teleconference.

2 We really have sought, and it's
3 necessary, of course, to speak with our
4 international study to have everything be
5 accessible to people of both languages
6 involved, particularly French and English.
7 So as you can tell, that makes for some
8 slowdown, but it's very vital to our
9 process. Does anyone wish to respond at all
10 to the question. Then we can move on to a
11 question from the audience here. And sir,
12 that would be great. Thank you.

13 MR. MOORE: My name is Jack Moore. We
14 have a cottage down in Troutburg, which is
15 just west of Hamlin Beach on Lake Ontario,
16 near Orleans County Line Road. The cottage
17 has been in the family since the 1800's. It
18 was built by relatives. I can remember as a
19 kid when we had a huge beach. We haven't
20 had a shoreline there in recent years. It's
21 just all eroded. We've had to put rocks in
22 every year to -- we lost a lot of ground.
23 We've lost tons. And my question, and

1 again, since this last storm of a week ago
2 that came in from the east, it did even more
3 damage to -- the water level is very high
4 now. We just lost our steps over the
5 weekend. And I'm wondering, I can't
6 understand, we've never been able to
7 understand why the water is kept as high as
8 it is. Why it isn't closer to the 243
9 level. And our feeling is that your
10 statistics probably go back to the '50's
11 when the St. Lawrence Seaway was built, when
12 they probably should be going back a lot
13 farther.

14 So if somebody could address that. I'd
15 just like to know if there are any plans
16 since the last storm to drop it down before
17 we have more erosion, because we have a very
18 serious erosion problem right now if
19 something isn't done.

20 (Applause)

21 MR. STEWART: Thank you for that. In
22 that regard, I don't know whether Frank or
23 Doug or anyone else, Pete Zuzak. All right.

1 MR. ZUZAK: My name is Pete Zuzak,
2 again. I'm a coastal scientist with the
3 coastal technical working group. We have a
4 slide in front of us here in Rochester. It
5 may be difficult to see the years along the
6 X axis or along the bottom. I believe it's
7 the last century. So we have from 1900 in
8 the lower left corner, to 2000 in the far
9 right hand corner. On the left hand axis
10 you have supply of water to [Lake Ontario](#),
11 and as you can see, 1900 to approximately
12 1950 there was a steady decline in the
13 supply of water.

14 And that is the single most important
15 factor in the level of [Lake Ontario](#), prior
16 to [regulation](#). This is one of the reasons
17 you had a significant beach in front of your
18 property. The levels, the supply of water
19 to the system was decreasing, and thus the
20 lake levels were on the lower side.

21 Around 1960 the dam came into play and
22 then shortly after, in the mid 1960's you
23 have that second spike or drop. And again,

1 we had some near record low supplies. And
2 again, that provided for very low levels on
3 Lake Ontario. Regulation has an impact on
4 the water levels you see, but the overriding
5 factor is the supply of water to the system.
6 Now, since the mid '60's the supply of water
7 to the system has been steadily increasing,
8 as you can see on the graph, until the spike
9 that we have in, near the change of the last
10 century.

11 So one of the biggest factors, and the
12 reason everyone is talking about the high
13 levels of the last several decades is not
14 because there's a conspiracy for higher
15 levels, not because the lake is being
16 regulated, as Doug mentioned, higher for
17 shipping. There's simply a lot more water
18 in the system. It's a natural process.

19 It's related to the global climate
20 factors, mesoscale climate factors, and
21 that's the biggest reason, one of the
22 biggest reasons for the fact that you've
23 seen less beach in front of your property.

1 There are other factors related to sand
2 and the occurrence of sand, and one of the
3 unfortunate ones is the development --
4 construction of shoreline protection
5 structures. The more people armor their
6 shoreline, the less erosion there is, and
7 the less sand there is available to build
8 beaches. So there is a give and take
9 situation there. As we develop the
10 shoreline and more of it goes from
11 agricultural lands to residential, the
12 values increase, and people want to protect
13 their lands. The impact of that though is
14 there's less sand available in the system to
15 build beaches. And that's one of the
16 unfortunate things we're seeing on this
17 lake. It's been going on quite extensively
18 on some of the other lakes, like Lake Erie
19 now, for quite some time.

20 MR. STEWART: Thank you, Pete, and then
21 Doug Cuthbert.

22 MR. CUTHBERT: We in the study team --
23 it's Doug Cuthbert again, the Canadian study

1 director, we're very much aware that one of
2 the reasons for the study is the concern in
3 this area of Lake Ontario of shoreline
4 erosion and the loss of shoreline, and the
5 threat to buildings. That's been loud and
6 clear. And probably if it wasn't for that
7 we wouldn't be here tonight.

8 The regulation plan right now acts to
9 keep the levels lower than they naturally
10 would have been. And the plot that you see
11 up here shows what the levels are actually
12 in red. If there was no regulation they
13 would be the lines in blue. So the
14 regulation plan has acted to lower the water
15 levels, the high levels that you have, added
16 on the other side to increase low levels.
17 The question is, do we use the control dams
18 to the degree that they're able to lower
19 them further?

20 Is that a solution to the problem?
21 Well, certainly it would have repercussions
22 on many other interests but it would in the
23 short term probably reduce the erosion on

1 the shoreline. In the longer terms, depends
2 on the nature of your shoreline. Your
3 shoreline may be eroding on a long term
4 basis regardless of what water levels are.
5 And I would suggest that with the
6 information that Pete Zuzak and the study
7 has now, there's an ability to understand
8 that what's happening in this shoreline, in
9 the Rochester Greece area, in a way that
10 we've never had that ability before.

11 Through your technology, the modeling,
12 the understanding of the coastal
13 geomorphology has been advanced in the
14 study to know what's going on. Now, what
15 the solutions are, there's a range of
16 different solutions, but at least, I think
17 we can understand what's happening on the
18 shoreline. Thank you.

19 MR. STEWART: Thank you, Doug. Mr.
20 Wilcox from the environmental group.

21 MR. WILCOX: Thank you, Henry. I have
22 just two comments. I agree with things that
23 Pete has said and what Doug has said, but a

1 perspective on this. The control board
2 right now is doing what it's required to do,
3 following the current regulation plan. The
4 reason we are here tonight, if there were
5 low supplies, the control board is going to
6 try to keep the water high. If there are
7 high supplies we would try and keep them
8 low. They don't have the ability under the
9 current plan to do something different than
10 that.

11 The purpose for this whole \$25 million
12 study is to generate a plan that will allow
13 the control board to do something different
14 if they see a need to do it, to protect any
15 interest, and that's very critical.

16 I'd like to add to what Pete said in the
17 supply curve. We've done work on the upper
18 Great Lakes looking at climate change
19 through history through paleo methods and
20 have an over 4,000 year record of lake level
21 history. What you're seeing there, the up
22 and down in the supplies of water have been
23 going on, it's a natural process, being

1 going on for thousands of years. So we have
2 to deal with that. And it is the supplies
3 of water coming into the lake that drive
4 lake levels, and we can't change it.

5 MR. STEWART: Thank you, Doug Wilcox.
6 Does anyone else have any comment about the
7 same subject? Frank Sciremammano.

8 MR. SCIREMAMMANO: I think the other
9 speakers have covered it pretty well, but I
10 wanted to talk about the immediate situation
11 from the control board's point of view.
12 We're well aware of what's going on. As you
13 know, the remnants of the hurricane dumped a
14 lot of water. We had a cool, wet summer.
15 We're now about 10-1/2 inches above the
16 long-term average. We're meeting next
17 Tuesday and Wednesday and we're going to
18 look forward about six months. The last
19 time we did that, the last two times we did
20 that, the critical period was in the fall
21 when we thought we'd need extra water for
22 Montreal. Now we have a lot of extra water.
23 So my anticipation is, we will have a

1 discussion next week in anticipation of
2 hopefully providing some relief so that we
3 don't have a problem next spring. So that
4 deals with the immediate situation.

5 MR. STEWART: Thank you, Frank. Does
6 anyone else have any comment or monologue
7 with respect to that issue? All right.
8 Marc, we're ready for you next.

9 MR. HUDON: Thank you very much, Henry.
10 Can you hear me?

11 MR. STEWART: Yes. Thank you.

12 MR. HUDON: I think we have a gentleman
13 who has a question.

14 MR. MALVAIR (VIA TRANSLATOR): Hi. My
15 name is Paul Malvair. I'm the regional
16 director of the food and Fisheries for the
17 department, for the government of Quebec.
18 It is our responsibility, originally, we
19 were based in Colette, to put out a
20 commercial fishing license as well as the
21 development of commercial fishing along the
22 river. One of our concerns is to know
23 whether there has been a study made of the

1 impact on water levels on spawning
2 Sturgeons and other fishes in the river and
3 near the shores, like St. Catherine's in
4 particular and other shores of the St.
5 Lawrence River and have the impacts of
6 commercial fishing with regard to water
7 levels. Is it possible to invest money to
8 study this?

9 MR. HUDON: Is there someone who will
10 answer that question for us? State your
11 name.

12 MR. LAFANE (VIA TRANSLATOR): Peter
13 Lafane. I'm in Canada. Yes, we have
14 developed a model for the estimate and the
15 habitats for the different species. With
16 regards to reproduction, there was certain
17 species on which we concentrated, there is
18 the pike, perch. There has been a lot of
19 energy put into estimating the reproductions
20 of the habitats of species. So, nothing has
21 been made in particular for commercial
22 fishing, but we have made some -- The model
23 works pretty well, and we collaborated with

1 other groups, so it's a -- and we are always
2 in a back and forth type of communication
3 with the study groups.

4 MR. HUDON: Another comment from Madame
5 Christian Jones.

6 MS. JONES (VIA TRANSLATOR: We've also
7 taken recent studies on the large pike in
8 different areas and certain spawning
9 grounds, in order to coordinate water
10 levels with the different pike. We've also
11 done some studies from Quebec, that give us
12 a 30 year study of the abundance of
13 different fishes and we've noticed the
14 abundance. We've been able to relate the
15 type of different species according to water
16 levels. And finally, this work has
17 become the basis or formed the basis for
18 the elaboration of different factors,
19 indicators that have come into play in
20 different models and projections that have
21 been made. To come back to commercial
22 fishing, I mentioned; we did not give any
23 particular attention to the commercial

1 aspects. That is something that we should
2 listen to.

3 MR. HUDON: Thank you. Are there other
4 comments on the same point? All right. Yes,
5 there's someone who wants to make a comment
6 on that same subject.

7 MR. CLAUDE MARCELS (VIA TRANSLATOR): I
8 know that there are studies that are
9 being made, but what do those studies say?
10 We have a very, a lot of water, we have a
11 very strong growth and abundance of fish.
12 So those are studies that come in support of
13 all that has been observed in the big
14 rivers, where we have a floodable plain
15 area, and so the more water flows in the
16 more fish that can access the larger habitat
17 and the more the younger of these fishes
18 have success and can survive to the adult
19 stage. So in the prospect of wet lands and
20 fish habitat is connected to the stream
21 water influx into the system and the natural
22 fluctuation of water levels throughout the
23 world. And we need to have a raising of

1 water levels in the spring and then a
2 lowering of the levels toward the end of
3 summer, a hydrology system, and we have
4 variation throughout the year.

5 The performance indicators are going to
6 be developed to underline the importance of
7 those different hydrological factors on the
8 recruiting of different fish species. Thank
9 you.

10 MR. HUDON: Thank you. Are there any
11 other comments on this same subject?
12 Otherwise it's back to you.

13 MR. STEWART: Thank you. Would anyone
14 here from the study team wish to make any
15 comment or follow-up with respect to that
16 issue? If not, we can move on to another
17 question. Sir, thank you very much.

18 MR. LOWE: My name is Rob Lowe. I'm a
19 lakeshore resident. My question is, when it
20 comes to regulating lake levels do you give
21 equal or unequal weighting to the various
22 stakeholder interests? The ones I'm
23 thinking about are power, environment,

1 coastal, riparian, shipping and recreation?

2 MR. STEWART: Thank you. That's a very
3 good question. I think it's at the heart of
4 a lot of the issues that the technical
5 working groups are working on both together
6 and individually. And Gene Stakhiv, the
7 U.S. co-lead, will be able to answer that.

8 MR. STAKHIV: There are two parts, two
9 parts to that answer. One is, we're
10 developing the longer term new operating
11 rules. Both the criteria and the flows,
12 which would give more or less equal weight
13 to all of the interest groups, including
14 recreational boating and shoreline, because
15 right now in the orders of approval, there
16 are really only three purposes for which the
17 control board should be giving
18 consideration.

19 But the control board itself, the actual
20 decisions, week to week, day to day
21 decisions, actually does give weight to all
22 six factors, which is why you have plan 58-
23 DD, with deviations. And in fact, they

1 deviate considerably probably 50% of the
2 time from the actual rules of the game, to
3 take into account recreational boating,
4 shoreline, shoreline damages, and even the
5 environment. And in the new plan that we're
6 developing, all six purposes will be given
7 equal weight. Economics. Well, you saw one
8 of -- the first guideline we had there was,
9 we would develop plans that are
10 environmentally sustainable and that produce
11 the greatest economic benefits as well.

12 MR. STEWART: One circumstance that I
13 have had occasion to observe as a member of
14 the Public Interest Advisory Group is that
15 in the economics of valuing the various
16 aspects of benefit or loss, there have been
17 issues that have come up with respect to,
18 how does one value loss of a property
19 owner's land versus how does one value loss
20 of certain aspects of how much shipping
21 weight can be put on in terms of a load onto
22 commercial navigation, and all that.

23 And how does one determine how to best

1 make it legitimate, accurate and competitive
2 between what those losses are. And I've
3 been particularly interested in how the
4 economic team has looked at that and how
5 the various technical working groups have
6 looked at it. They try to be very
7 conscientious about that and I think that
8 might have some bearing on answering the
9 question as well. Does anyone else have
10 anything to respond or to add to what Gene
11 has mentioned? Is this a follow-up to that
12 issue? Yes? Thank you.

13 MR. QUICK: James Quick from Wolcott,
14 New York. Riparian. Been there since 1957.
15 A couple years back John Gangus from the
16 Corps of Engineers came and visited me and
17 saw our problems. I'm hoping that the
18 people on the study groups will also come
19 and see each one of these individual
20 problems along the way. We have a problem
21 on the south shore of the lake because we
22 have predominant winds from the northwest.
23 Obviously that doesn't affect the Canadian

1 neighbors up to the north. We used to get
2 relief from Toronto back in the '50's when
3 we had a south wind for about three days,
4 and there was 3,000,000 boaters up there.

5 MR. STEWART: Thank you very much. Is
6 there any other follow-up or response with
7 respect to that issue? Questions? Pete
8 Zuzak from the coastal processes group.
9 Thank you, Pete.

10 MR. ZUZAK: I think, just to respond to
11 the question of erosion and it was addressed
12 earlier by the other gentleman. As far as
13 what we have done. And my group, the
14 coastal group has been addressing these
15 issues of the privately owned parcels along
16 the lake. One of the things we've done,
17 last summer I personally flew around the
18 lake in a helicopter, and I saw everybody's
19 property around the lake. So we are very
20 familiar with the issues you have. We have
21 studied your problems extensively in the
22 field. We've taken measurements. We've
23 used computer tools, the best available

1 science to understand why the shoreline
2 erodes, what drives that erosion. It's
3 primarily the storms and the wind-driven
4 waves.

5 And we've made recommendations. You saw
6 the black line earlier. Could we go to
7 that, to the line of the criteria. We'll
8 see that the, the black line there used, it
9 has two elevations in the slope. One of the
10 things that we're recommending, starting
11 with January at the beginning on the left
12 hand slide, that's our upper level, the
13 upper threshold, and that's close to two
14 feet lower than the current operating range.

15
16 So we're making recommendations and
17 trying to make great strides forward to
18 recommend levels that are going to be lower
19 than the current operating range and will
20 provide some relief to shoreline erosion.
21 So there has been a tremendous effort going
22 into this issue. I want to make that clear.
23 The levels that we're recommending have to

1 increase in the summer when the supplies are
2 coming up. In May through August we have
3 more relief for higher levels because
4 there's less storm activity.

5 So we're giving different levels at
6 different times of the year to account for
7 the storm activity and we're trying to make
8 recommendations that will help give some
9 relief to the shoreline erosion problem.

10 MR. SCIREMAMMANO: Frank Sciremammano
11 from the study board. I just want to point
12 out, and maybe Dan can help me with that
13 pointer, that the recommendations coming out
14 of this study in terms of the coastal is,
15 right now the upper limit is 247.3 roughly
16 up here, throughout the year. Upper limit
17 of the regulation range. So basically the
18 control has mandated and the plan is
19 designed to keep it below that through the
20 year.

21 So you see that already we're getting at
22 least a recommendation and feedback and
23 recognition of the problems that are on the

1 shoreline, that that should be lowered,
2 especially during the storm season. So that
3 will be factored in, along with all the
4 other requests. But there is a response to
5 the issue. There is an understanding of the
6 issue. And this is what the science tells
7 us would be best in terms of helping to
8 alleviate it. Now, how that gets factored
9 in and what the final result will be will be
10 discussed over the next year and a half.
11 But that input is in there right now.

12 MR. STEWART: Thank you, Frank
13 Sciremammano and also Pete Zuzak, and Doug
14 Wilcox from the environmental technical
15 working group has a comment.

16 MR. WILCOX: There's another component
17 to erosion. It's not just high water levels
18 and storm events, but it's rebuilding the
19 shorelines. And shorelines naturally in all
20 the upper lakes during low lake level
21 periods, sand has come to shore and blown
22 up, and recreates beaches, recreates
23 dunes. We need to have occasional low lake

1 levels in order to do that. The current
2 regulation plan along with a period of high
3 supplies has not allowed that to happen. If
4 we have low supplies in the future and a
5 regulation plan that allows lake levels to
6 go low periodically, some of your shoreline
7 property can potentially rebuild, provided
8 they have a supply of sediment to do that.
9 We need a plan that will allow that to
10 happen.

11 MR. STEWART: Thank you, Doug. Any
12 other comments? Yes, sir.

13 MR. MACK: Ray Mack, M-A-C-K, from
14 Hamlin. As part of this study, will you be
15 sharing this with the Army Corps of
16 Engineers and the DEC, because if the result
17 of this comes back that many of the property
18 owners are not happy, we are going to need
19 permitting in order to protect our property.
20 Okay.

21 Now, will this go to the Army Corps or
22 the DEC with an emphasis to say, we've
23 decided to put it at this level and expedite

1 permitting because if anybody's got permits
2 in here in the past, they could take upwards
3 of a year, and you can watch a lot of your
4 property erode, your homes, and so forth.
5 Thank you.

6 MR. STEWART: Thank you. Doug Cuthbert.

7 MR. CUTHBERT: Thank you for asking that
8 question. Doug Cuthbert again, the Canadian
9 co-director. There is a member of the board
10 who is from the New York DEC, so the DEC has
11 been plugged in right from the beginning.
12 But there's also been discussions with DEC
13 to provide the information that Pete Zuzak
14 has described that they're looking at in the
15 coastal zone work. From my perspective I
16 would like to see all of that information
17 made available to the DEC as well as in the
18 Province of Ontario those agencies that are
19 responsible for permitting so that they can
20 take advantage of that time. Now, the
21 challenge is to make it happen effectively
22 but that's been our attempt.

23 MR. STEWART: Thank you, Doug. Dan

1 Barletta.

2 MR. BARLETTA: You all know me, I've
3 been talking tonight. I just want to
4 mention, your comments. I've gone through
5 the same thing, trying to get permits.
6 These gentlemen heard me say that. I said
7 the same thing to commissioner Folsom this
8 afternoon. The comments have been there.
9 They're getting this and they're going to
10 keep getting it from me personally.

11 MR. STEWART: Thank you, Dan. Gene
12 Stakhiv.

13 MR. STAKHIV: Let me beat this dead
14 horse. We had a meeting just last night
15 with representatives from DEC, with the
16 Corps of Engineers, discussing these very
17 issues, telling them that the results of the
18 models, all of this information should be
19 plugged into that decision-making. So
20 they're aware of it. Whether -- but it
21 always takes time. Any bureaucracy it will
22 take time before it finally penetrates, but
23 we've initiated the process and we've got a

1 couple of persistent fellows who are very
2 interested in making sure that this happens.

3 There's another program that the Corps
4 has that you need to be aware of. It's
5 called the Advanced Measures Program. If we
6 know that we have very high lake levels and
7 there's a lot of water coming in, and we're
8 entering into the, let's say the stormy
9 winter season, you can actually ask for an
10 expedited permit to build up your
11 protection, shore protection. But you have
12 to demonstrate that the conditions are going
13 to be extraordinary. And that's been
14 invoked several times over the past decade
15 that I know of. The last high flood season
16 that we had I think in '97 or '98. So
17 that's another program that you could use.
18 And you could turn to the Buffalo District
19 for assistance on that. And we have a
20 representative here from the Buffalo
21 District, Tony Eberhardt.

22 MR. STEWART: Thank you, Gene. If I
23 might, Marc, just interject one question

1 that was left with me by an individual who
2 had to leave because it does follow up with
3 respect to this topic and it may just be
4 quickly addressed. It was addressed in part
5 by Gene's answer. But a woman by the name
6 of Mary Voelkl, V-O-E-L-K-L, from Edgemere
7 Drive in Greece, asked the question, when
8 the plan is finalized, and whatever plan
9 that may be is adopted, will the public be
10 made well aware ahead of time, for example,
11 as to which years there might be the
12 greatest high level or the least low level,
13 so that the public, particularly the
14 property owners, can plan for that high
15 level or low level and be able to know the
16 reason for such to come about. That follows
17 I think with what we were talking about so I
18 interject this now, if there could be an
19 answer to that.

20 MR. CUTHBERT: Doug Cuthbert again.
21 There's no reason why not. That's I guess
22 jumping ahead a bit into the operational
23 side of it, but that's something that I

1 expected we would be able to address and
2 recommend at the implementation stage. So
3 thanks for the comment.

4 MR. STEWART: Thank you, Doug. Any
5 other responses? Is this a follow-up to the
6 same topic? If we could return, we really
7 need in fairness to return to Duval, Canada
8 to let them ask a question and then you can
9 be next after that. Marc in Duval, can you
10 hear us?

11 MR. HUDON: Yes, Henry. We have a
12 comment on the same subject before we go to
13 another question.

14 MR. STEWART: Thank you.

15 MS. KENNEDY: This is Elaine Kennedy
16 from the Public Interest Advisory Group.
17 One of the things that we have, we on the
18 public group have discussed is the idea that
19 we would make recommendations to the control
20 board about their communication plans. And
21 so therefore, one of the things that we
22 definitely recommended was some sort of way
23 of communicating better with the public, and

1 hopefully that lady's concerns would be
2 addressed in a better communication plan for
3 the control board.

4 MR. HUDON: Henry, we have a comment
5 from another person.

6 MR. STEWART: Thank you, Mark.

7 MR. CARPENTIER: Yes. Just following
8 on that. I'm Andre Carpentier from the
9 control board. I just want to note that we
10 are doing right now some forecasting of
11 levels that, you know, we are expecting.
12 But the big issue of that is the uncertainty
13 of the water supplies. The U.S. Corps of
14 Engineer and Canada also did some
15 forecasting for the next three, four months,
16 but you can see that there is a range of
17 levels where we can be.

18 That everything depends on water
19 supplies. So even with the new plan, we can
20 again do better communication but with
21 always levels that will fluctuate between
22 high supplies and low supplies. I don't
23 think we can expect that the next time that

1 we will have, I would say one of the teams
2 forecasting the reasons -- Mother Nature
3 will still be the leader.

4 MR. HUDON: Merci, Henry. Thank you,
5 Andre, for commenting on that same subject.

6 SAM ST. MARTIN: The recreational boating
7 and the tourism technical working group.
8 And I would like to ask the people in
9 Greece, what is the lowest, what is really
10 the level you'd like to have. Is it
11 something like 220 feet?

12 (Laughter and applause)

13 MR. ST. MARTIN: Because I've hearing
14 about too high, you know, the levels are
15 much too high, but if you go down, and I'm
16 quite sure a lot of people would like to see
17 it down 220 feet. Then how far would you
18 have to walk to your boat?

19 (Laughter and applause)

20 MR. HUDON: Any other comment on this
21 particular point? Otherwise, I guess,
22 Henry, we'll go with our next question, if
23 there is one.

1 MR. LAPIERRE JURONE (SIC): LaPierre
2 Jurone, I'm from the Priority Intervention
3 Zone -- (unintelligible)

4 When you presented the water levels, the
5 water levels for high water for the
6 environment and pleasure boating and the
7 other elements that you mentioned, there's
8 one observation, or a question that came to
9 mind. Since the end of the '70's we see the
10 levels drop year in year out, so this is a
11 drought basically. So this frees up some
12 shoreline that is under the influence of the
13 pressure of some contractors and I mean,
14 people have been asking for construction
15 permits in zero to 20 year levels.

16 So your forecast for water levels for
17 the next 20 years will they be modified if a
18 higher level creates damage to those houses
19 that have been built in the zero to 20 year
20 area. I mean, some houses are built there
21 because the flood maps haven't been designed
22 yet. So nothing keeps a township from
23 building there.

1 Another question, are there any maps
2 that allow you to see the impact of these
3 houses in these potential flood plains to
4 know the impact or the damages that might be
5 caused? So that's my question. The high
6 levels that you define for the environment
7 do they take into account these houses that
8 have been built illegally possibly, I
9 apologize for that word, you know, there are
10 some in Lake St. Clair and some in Montreal
11 even. So that's the question that I'd like
12 to ask.

13 MR. HUDON: So can anyone give an answer?

14 MR. Duwaul(sic): Hi, I'm
15 (unintelligible) Duwal, I work for
16 Environment Canada. I worked on the flood
17 plain issues. And all I can say or all I
18 can respond is that the position of each
19 property or each house is known. First we
20 established the 100 year flood plain and the
21 20 year flood plain. Afterwards we've
22 identified each house in these two flood
23 plains and this gave us the magnificent

1 total of 5,000 buildings of all sizes,
2 shapes, whatever, that we built in these
3 flood plains.

4 Now, the way we are going to work to
5 establish the performance indicators is that
6 while we know the municipal evaluation of
7 each of these properties, so that if ever
8 there's a flood, well, we've established
9 some curves of local damage applicable to
10 the whole portion , for those dwellings in
11 the river portion.

12 So with these levels, these anticipated
13 levels, we're able to estimate damage on
14 each property. These results were compiled
15 at the municipal level so that for a given
16 water level at each hydrometric station that
17 you'll find in the river, we're able to
18 state which flood damage there will be to
19 the buildings in each municipality.

20 Now, these are the performance criteria
21 that have been established. I don't know if
22 it answers your question because this was in
23 the legislative framework.

1 MR. HUDON: Does Christain want to say
2 something?

3 MS. CHRISTIAN HUDON(SIC): We'll I'm
4 Christian Hudon from the technical
5 environment working group. I work for
6 Environment Canada.

7 So in the greater Montreal area there
8 was a net loss of 80% of the wetlands due to
9 urban sprawl eating away year in and year
10 out for residential construction. We now
11 see that at each low level period we can see
12 an increase of this sprawl because people
13 simply take over the available shoreline.
14 We build a cottage and then when the water
15 levels are too low, we increase the size of
16 the cottage, and eventually we build
17 foundations. At some point the cottage
18 becomes a second home, and eventually a
19 first home.

20 So, the people who built in the flood
21 plain know it. They know they're taking a
22 chance. It's a chance they're taking. And
23 when the river takes over it's rights, as

1 well often see in the case of important
2 floods that occur each spring when people
3 are flooded out and they complain. And it's
4 understandable, because we've acquired some
5 rights which we have tried to take from the
6 river.

7 But eventually the river will take back
8 what we borrowed from it. Borrowed is the
9 word. And I want to emphasize the fact that
10 the coastal owners have taken over some
11 rights and they demand that the levels be
12 regulated on the low side to avoid their
13 being flooded. It's their property, it's
14 legitimate, but the wetlands don't vote.
15 They are not asking for anything, they are
16 not claiming anything. And this is what we
17 see everywhere along the shores of the
18 river, and this is the trend, due to the
19 fact that water levels are lower and lower,
20 and soon we will have a magnificent river
21 with cement walls on either side and no
22 longer any wetlands. Thank you very much.

23 MR. HUDON: (unintelligible)

1 MALE VOICE: So thank you for the
2 comments and the answer, but I would go
3 further. This raises the issue of
4 responsibility. And the value levels that
5 you've established, who will be responsible
6 for them? Knowing that public safety,
7 Quebec public safety washes its hands each
8 year of the funds they have to compensate
9 riverside properties.

10 So what's the solution, what's the
11 avenue that you've imagined between the
12 criteria to protect the environment on the
13 one hand, who will be responsible? Will the
14 municipalities, are they aware of all of
15 that? Were they made aware?

16 And the second thing I would say, what
17 will we privilege between the environment
18 and have a criteria of flexibility or of
19 elasticity in your presentation? So what
20 will decide which has priority?

21 MALE VOICE: Well I can't speak to
22 responsibility. What I know about the law,
23 and I don't know much, is that in the zero

1 to 20 year zone, there is a plan that exists
2 BUT to my knowledge there are no new
3 buildings in that area. I mean, you've got
4 existing buildings but no new ones, at least
5 theoretically. And there are some criteria
6 or some rules of expropriation that have
7 been dictated by the Department of
8 Environment that are really specific if a
9 building has more than 50% damage and it's
10 located in the zero to 20 flood plain, while
11 it's theoretically expropriated.

12 I say theoretically because all the
13 owner has to do is no request for indemnity
14 and no one will bother him.

15 MR. HUDON: Henry before we go back to
16 you we have one last comment, probably, on
17 the same topic.

18 MALE VOICE: I've worked with the study
19 group on water use, but it's not for this
20 group that I'm responding. It's the work
21 I've done at municipal affairs in the past.
22 In fact, the municipalities are always aware
23 that people are building on the shoreline.

1 That is part of the game. There are some
2 promoters who exert pressure so that these
3 buildings can be built.

4 Unfortunately, I think the situation was
5 well described, sometimes, many of these
6 buildings sometimes are flooded out, and of
7 course then you try to get compensation.
8 But in general the municipalities are not
9 able to support these indemnities. So maybe
10 the larger cities are able to compensate
11 partially. And we hope that the state will
12 do so. And we know that the government in
13 Quebec, the funds are limited, and we have
14 had health problems, education problems. So
15 many of you have issues like that, but
16 people who live in these flood plains will
17 have to get use to taking chances. And if
18 they're flooded out, they'll have to live
19 with their flood without being compensated.

20 MR. HUDON: Thank you. Are there any
21 other comments from Dorval? Henry, we go
22 back to you.

23 MR. STEWART: Thank you, Marc. Doug,

1 did you have a comment to follow up on that
2 or a question?

3 MR. CUTHBERT: I have a question.

4 MR. STEWART: Okay. Is there any
5 comment to follow up on this or any response
6 from the study team? All right. I know
7 that the gentleman in the back had a
8 question. I don't know whether, if we could
9 defer for a moment first. Thank you.

10 MR. MOORE: Thank you. I'll try and
11 make it fast here. Jack Moore, again. I
12 guess the question I have is, when you have
13 storms, all of a sudden the lake rises up so
14 fast. Why can't, why can't we let the water
15 out of the dams? Why do we have to wait and
16 have another study and get together. There
17 ought to be a control.

18 If the water level rises drastically
19 within a week's period, like a foot or a
20 couple feet, they ought to be letting it out
21 at the other end. I don't understand why
22 that can't happen.

23 (Applause)

1 MR. STEWART: Thank you for that
2 question. I believe Frank Sciremammano
3 who's on the Study Board and as he mentioned
4 is also on the control board, would be a
5 very good person to answer that.

6 MR. SCIREMAMMANO: I don't need that.
7 Actually I do need it. That's a good
8 question and part of the problem is just the
9 physics of the situation, the amount of
10 water that we're dealing with.

11 If, for instance, we want to get the
12 lake down, this slide shows, the lake down
13 by two centimeters over a course of one
14 week, and that's not a lot. Okay. You're
15 talking a lot more than that. But if we
16 wanted to do that, in Montreal it would
17 raise their level by 23 centimeters. Right
18 behind the dam, which is this area, the dam
19 is sitting here, it would drop by 30
20 centimeters.

21 The multiplier I like to use is 10.
22 Whatever we do on the lake, the effect
23 downstream is 10 times. So if we want to

1 get a foot off the lake quickly, we're going
2 to raise Montreal by 10 feet during that
3 same period. That's the difficulty. That's
4 why we try and anticipate what's going to
5 happen and do things slowly so that we don't
6 flood them out while we're trying to
7 alleviate the situation up here. But the
8 problem is just the amount of water in a
9 bottleneck, getting it through, if that
10 makes any sense.

11 FLOOR: Can't we sell it to Las Vegas?

12 (Laughter)

13 MR. SCIREMAMMANO: Oh, that's a whole
14 'nother issue. But the idea is, it takes
15 time to get it out.

16 MR. STEWART: Hopefully since that
17 answers that question quickly and we have
18 another gentleman waiting to as a question
19 right at the microphone. Doug Dobson?

20 MR. DOBSON: Thank you, Henry. My name
21 is Doug Dobson, D-O-B-S-O-N. In addition to
22 being the legislator that represents eight
23 miles of shoreline along Lake Ontario all

1 the way down to the Genesee River, I also
2 live on Lake Ontario shoreline. My question
3 is to the gentleman at our board, coastal
4 experts.

5 What is the expected outcome of waves
6 that occur probably twice a day in the range
7 of two to eight foot high, on ice wall, or
8 ice buildup along the shoreline, at various
9 levels, low levels and high levels? Would
10 one anticipate that at high levels with
11 waves coming in twice a day in the range of
12 two to eight foot, would the ice act as a
13 battering ram on structures, and at low
14 levels would one expect the ice to act more
15 as a claw and pull the shoreline and cause
16 greater erosion?

17 I would be interested in knowing what
18 the scientific and coastal experts'
19 viewpoints of these on the impact of
20 constant wave action with ice at various
21 levels.

22 MR. STEWART: Thank you. Doug, I know
23 that Pete Zuzek hopefully heard most of

1 that. I don't know whether you heard all
2 the question, Pete, enough to answer it,
3 with respect to the issue of ice formation
4 as well as wave action.

5 MR. ZUZEK: I'll try and if I don't hit
6 it on the head, maybe you can reiterate and
7 we'll try it the second time.

8 My name is Pete Zuzek, coastal technical
9 working group. Ice, if it's thick enough
10 and it's shorefast, in the sense that it's
11 sitting on the near shore, not on the
12 shoreline, and it goes out a fair length,
13 say a hundred feet, is definitely your
14 friend in the wintertime, because that ice
15 will block the incoming wave energy from
16 reaching the shore, from smashing into your
17 sea walls and causing damage. So,
18 if there
19 is a
20 signific
21 a n t
22 v o l u m e
23 o f i c e

1 literature on that, and quite frankly, our
2 feeling at our company is that the benefits
3 of ice far outweigh the, some of those
4 occasions when it can be detrimental and
5 actually scour out the bottom of the shore.

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So in the long term, ice is your friend.
There may be some locations around the lake
or on the river, particularly where there
are floes, and you have ice moving with the
river current, where the ice chunks can
scour out the bottom, but for Lake Ontario
in general terms, ice is a good thing.

MR. STEWART: Thank you, Pete. Frank
Scioremammano also has a response to that
question.

MR. SCIREMAMMANO: I'm not so sure it's
a response as a clarification. Doug, if I
heard you right, it's another ferry
question. Was that right? What effect will
the ferry wake -- that's what you were
saying, have on the ice formation?

MR. DOBSON: Well, I'm more interested

1 in knowing what constant wave action, you
2 know, caused twice a day --

3 MR. SCIREMAMMANO: By the ferry though?

4 MR. DOBSON: Well, all right, but I
5 didn't want to, I didn't want to go there.

6 (Laughter)

7 MR. SCIREMAMMANO: The reason I think we
8 need to be very explicit, we've had at least
9 four people bring up the ferry tonight. I
10 was also handed a letter with some pictures.
11 We heard it. I've heard it. I've gotten a
12 number of phone calls, gotten a number of
13 emails. We're going to -- if we can't do it
14 in this study we're going to try to figure
15 out who's responsible for that and try to
16 get to the bottom of it. That's all we can
17 say.

18 (Applause)

19 MR. SCIREMAMMANO: We heard that the
20 ferry is an issue, and I've heard it. Just
21 like you, we are frustrated over who we
22 actually talk to about that.

23 So, but we will follow up on it and I'll

1 make sure that we do. And I don't think
2 you've studied isolated waves from wakes of
3 boats necessarily, twice a day wakes as a
4 separate item. But if we can do something
5 we will, and if not, we'll find out whoever
6 can. But we heard you that the ferry is an
7 issue and we'll try and get to it.

8 MR. STEWART: Thank you, Frank. Pete?

9 MR. ZUZEK: Again, Pete Zuzek. Just to
10 follow up. There is a vast body of
11 literature on fast ferry impacts, both fast
12 ferries from an engineering standpoint, and
13 the impact of fast ferries on coastal
14 communities.

15 So if, for example, you typed in your
16 web browser, fast ferry, there will be a
17 vast array of literature there at your
18 fingertips. So there's a body, a large body
19 of scientific research on fast ferries. In
20 fact, there was a conference that used to be
21 held every year, solely on fast ferry
22 impact. So there is a lot of science out
23 there and some of that may help you as you

1 try to address this issue.

2 MR. STEWART: Thank you, Pete Zuzek.
3 Any other followup with respect to that
4 issue? If not, we send it back to Dorval.
5 Marc?

6 MR. HUDON: Thank you, Henry.

7 MALE VOICE: (UNINTELLIGIBLE)
8 Carpentier, a member of the ST. Lawrence
9 (UNINTELLIGIBLE) I was hoping tonight I'd be
10 able to get ahold of the preliminary report.
11 You've indicated previously this is not
12 possible.

13 But I would like first of all to ask for
14 the report once the report has been
15 correlated or made public. That they be
16 sent to the users of the St. Lawrence groups
17 so that the stakeholder's groups can become
18 aware of them, analyze them, and do what I
19 thought I was going to be able to do tonight
20 by coming here, number one.

21 Number two, I would ask the
22 representatives of the International Joint
23 Commission to come and meet our group so

1 that we may ask questions, make
2 recommendations if needed, and insist on the
3 fact that there are through this group,
4 that there is fairly varied sampling of the
5 different problems and positions, and we may
6 be able to get then a fairly clear position
7 of people effected by the St. Lawrence.

8 So, to take into consideration not just
9 the land use but fun and fluoride and the
10 different uses so please take advantage of
11 this platform that is being offered to you.

12 MR. HUDON: Thank you, Madame
13 Carpentier. Is there a comment on this or a
14 request? Yes?

15 MR. McCAULEY: We're going to try to set
16 up a meeting within four to five weeks. Tom
17 McCauley is my name. With the technical
18 experts as well. And it will be little,
19 local meeting. For the reports, as soon as
20 they're ready, but you can have access to
21 the Shared Vision Model with all the data
22 that is included at this point, and you'll
23 be able to compare.

1 This is what we wanted to do but we have
2 not had time to do, make models, geo-data,
3 and to compare them for you. But that
4 meeting will be the beginning of a joint
5 analysis.

6 MR. HUDON: Thank you, Tom. Are there
7 any other comments on the same subject, Lynn
8 Cleary of the Study Board?

9 MS. CLEARY: The report on the third
10 year of study, there is some partial
11 information and there is a revision of the
12 literature that was consulted in order to
13 draw up this report. And the whole thing
14 should be made public within three weeks,
15 something like that. Four weeks maybe, a
16 month.

17 MR. HUDON: Thank you for the
18 information. Are there any more comments on
19 this subject? All right. Back to you,
20 Henry.

21 MR. STEWART: Thank you, Marc. Does
22 anyone have a question at this time from
23 this audience? If not, I know that one

1 individual who had to leave passed a note to
2 one of the other questioners, and it's been
3 brought to me. I could read it to you. The
4 individual's name is Bonnie Ann Briggs of
5 Kendall, New York.

6 (Mr. Stewart reads Ms. Brings question)

7

8 MR. STEWART: She says, "my name is
9 Bonnie Ann Brings, and I live in Kendall, 22
10 miles from where we are now here in Greece.
11 I have owned property on Lake Ontario since
12 1978. We have not been able to swim in Lake
13 Ontario for several years due to the
14 pollution. Are any of your environmental
15 studies related to a cleaner lake, and if
16 so, what is the outlook for a cleaner lake?"

17

18 Now, I know our particular study team is
19 working with respect to lake levels and
20 flows, as compared with issues with respect
21 to cleanliness, but I also realize that they
22 go hand in hand in certain degrees, although
23 I don't know that much about the issues of

1 the environment. But I believe that Doug
2 Wilcox might wish to address that.

3 MR. WILCOX: You certainly have a
4 legitimate concern.

5 We had to focus on, in this study on
6 lake levels, and all of our studies are
7 directed to environmental issues that are
8 directly controlled by lake levels. There
9 are some correlations through water quality
10 in some areas that are related to lake
11 levels, but in the bigger picture they're
12 more driven by other factors. So that's not
13 part of this study.

14 As Doug Cuthbert has talked about, and
15 other people, talked about other issues,
16 they need to be addressed by other groups in
17 other studies, but we've talked about that
18 in the environment group, considerably
19 envisioned potentially looking at some
20 nutrient related issues. But compared to
21 all the other things that were involved,
22 they were a very minor component and not
23 largely driven by lake levels. So they

1 belong somewhere else.

2 MR. STEWART: Thank you, Doug Wilcox of
3 the environment technical working group, and
4 I believe that Gene Stakhiv, U.S. co-lead,
5 has a comment to make as well.

6 MR. STAKHIV: One of the confusing
7 aspects of our system of government is that
8 at any given time there are probably 20
9 studies going on in your area by various
10 agencies.

11 And the IJC, the commission itself, has
12 a water quality board, their lake area
13 management plans, lots of studies going on
14 having to do with water quality. Completely
15 independent of our study.

16 There's also, you've heard of the Corps
17 of Engineers navigation study, the St.
18 Lawrence seaway study. And many of these
19 studies sort of deal with some common
20 aspects. But our study essentially is just
21 looking at the physical lake level changes
22 and how it affects shoreline erosion. But
23 let me assure you that there are many

1 studies going on about water quality. Every
2 wastewater treatment plant, there are
3 studies on the effects of septic tanks on
4 the lake. But you'll have to get that
5 information from those people running those
6 studies.

7 Doug made a good point. The reason
8 we're doing so much, we're putting so much
9 effort into information management is, we're
10 trying to make the information that we
11 develop for our study, \$20 million worth of
12 shoreline erosion studies and everything
13 else, available to all of the other
14 institutions, all of the other agencies, New
15 York DEC. We're trying to get them plugged
16 into our information.

17 MR. STEWART: Thank you, Gene. Does
18 anyone else wish to make a comment about
19 that issue in question? Yes, Ken?

20 MR. BADINSKI: Ken Badinski. Where are
21 these data and how can we review them? I've
22 question some of these figures that are
23 presented here tonight, and I'd like to see

1 the scientific studies, have the data, and
2 review them myself. Where do we see these
3 data?

4 For example, the economics of the seaway
5 and the fact that the shoreline residents
6 would like to see a 246.7 water level.
7 Where are these data?

8 MR. GAUTHIER: I'm Roger Gauthier with
9 the information management technical working
10 group. I would like to say that they're
11 readily available on-line tonight, but
12 they're not. We do have a necessity for
13 going back through the reports that have
14 been compiled in the year 2 and year 3 and
15 putting them on-line so that you do have
16 access to it. It is part of the plans.
17 Within the next three months we are
18 intending to have the data itself, reports
19 and any of the analysis readily available.
20 We are going to be delivering them via the
21 internet. It's the most expedient mechanism
22 for us to be able to deal with that. And if
23 you've got particular concerns, particular

1 geographies, particular areas of issues,
2 please send an email to the communication
3 specialist.

4 We certainly can get you the information
5 that is available in the study, one case at
6 a time basis. But collectively we are
7 behind. We need a couple more months to
8 pull all the information and put it on the
9 web.

10 MR. STEWART: Thank you, Roger. Thank
11 you, Ken. I know there was a gentleman in
12 the back, did you have a comment about that
13 as well? Before we have another question we
14 need to -- all right. Pete Zuzek again has
15 a response to that issue as well.

16 MR. ZUZEK: Dan has asked me to maybe
17 deal with a small part of your question
18 which is the threshold levels or the upper
19 levels that coastal is recommending. And
20 that was the black line that you saw earlier
21 amongst all the other lines up on the graph.
22 And as I stated earlier, in the summertime
23 it's about half a foot lower than the

1 current upper range, and in the wintertime
2 it's close to two feet lower than the
3 current upper operating range. S o ,
4 we've made great strides in trying to come
5 up with levels that are lower.

6 Now, that black line, if you had to say,
7 what does it mean, or what does it
8 encompass, it is close to three and a half
9 years of science, computers upon computers
10 of data. There's a vast amount of
11 information that's gone into that line.
12 Scientific data collected, studied in the
13 office, desktop work, all of it's been peer
14 reviewed, as was mentioned earlier, from the
15 other side. We have a peer review group
16 that looks not only at our science but also
17 our economics as well.

18 So there's a tremendous amount of work
19 that goes into that line. A lot of science.
20 And we feel it's the best available position
21 for it.

22 MR. STEWART: Thank you, Pete.

23 FLOOR: Is the website you've referred

1 to this one here? Is that the website?

2 MR. STEWART: Any other comments with
3 respect to that issue? And we should throw
4 it back to Dorval before we follow up with
5 another question. Marc, is there another
6 question up there in Canada?

7 MR. HUDON: Yes, Henry. We have a
8 pretty good question from a gentleman.

9 MR. AYA: My name is Frank Aya, and I
10 guess I would class myself as recreational
11 boating, although this issue addresses
12 several other aspects. At the time that the
13 seaway was built, well, things were as they
14 were back in '58.

15 Now, there's been a dramatic increase in
16 recreational boating, and at the time that
17 the seaway was built they used about a
18 quarter of the area of Lake St. Louis as a
19 dumping ground for rock. So that made a
20 quarter of the area of Lake St. Louis
21 useless for recreational boating. And I
22 would like to know if anything can be done
23 about that, the seaway that created the

1 problem?

2 Does anybody have any comments on that?
3 And maybe there are other sections of the
4 whole St. Lawrence area where this sort of
5 thing has happened also. Thank you very
6 much.

7 MR. HUDON: Thank you very much. Does
8 anyone want to comment? That was a very
9 good question. No. Doesn't seem so.
10 Nobody wants to take those rocks out tonight
11 for sure. But we have a comment there.

12 MALE VOICE: Not a comment but I'll try
13 to give a very quick answer. My name is
14 (unintelligible), I am the Canadian general
15 manager of the study.

16 Quite honestly and quite frankly, the
17 quick answer is that the IJC has not asked
18 us to look into structural changes. That
19 doesn't give you the answer for what can be
20 done, but that's the fact. Thanks.

21 MR. HUDON: I guess the comment is noted
22 anyhow. We have another comment on the same
23 subject?

1 MS. KENNEDY: I'm afraid I cannot offer
2 you a solution but I will add to your misery
3 because those shallows that have been
4 created by these dredged spoils that were
5 put on either side of the seaway, have
6 generated shallower areas, and on those
7 shallow areas you now have submerged aquatic
8 vegetation that is growing, and that really
9 loves it out there.

10 So, that the recreational boaters not
11 only have to deal with the shallower area,
12 but they have also to deal with lots and
13 lots of plants that prevent them from going
14 there. So that's not anything to help you,
15 really. And with lower levels you can
16 expect to have even more plants and even a
17 smaller surface area which you can actually
18 use for navigation purposes. Good luck.

19 MR. HUDON: Yes, go ahead.

20 MALE VOICE: And when the water level
21 goes down and the plants are torn up by
22 boats passing in the seaway itself, the big
23 commercial ones, a lot of that, I'll call

1 them weeds, end up on property owners
2 waterfront, and in low water levels it
3 stinks.

4 MR. HUDON: Any further comments? I
5 guess not. Henry?

6 MR. STEWART: Thank you, Marc. I
7 believe we have time for one more question
8 here before we may need to terminate the
9 general teleconference of this, although
10 we'd be available to stay here for anybody
11 else who might have questions. But sir, did
12 you have a question to join in the
13 teleconference? Thank you very much.

14 MR. DELVE: My name is Dave Delve from
15 Rochester, New York here. And since we have
16 the people on-line from Montreal, I just
17 wondered, how much fluctuation in a high
18 water event Montreal can take it without
19 having significant damage?

20 I know that there's a -- maybe you can
21 answer that question.

22 MR. STEWART: Frank, would you like to
23 answer that? Frank Sciremammano.

1 MR. SCIREMAMMANO: I can't give you a
2 specific number right now. We do have
3 specific numbers that are the flood alert
4 levels for that area. And then the flood
5 damage levels. There have been situations
6 just in my tenure on the control board where
7 we've had water running down the streets of
8 the suburbs of Montreal, in order to help
9 provide some relief by dumping some water
10 out. We try obviously to avoid that.

11 But when you have too much water, you
12 have to kind of spread the misery. And
13 sometimes we could take a little here and
14 they take a little there. But we do know
15 the number. I don't have in front of me --
16 oh, there we go right there. Montreal
17 harbor, that's what they would like. We do
18 have actual flood levels though and that may
19 not correspond. Is that the flood level?
20 Okay.

21 (Referring to a slide)

22 MR. SCIREMAMMANO: So alert level is the
23 -- well, again, this is above sea level so

1 it's not going to mean much for us. 26.575.
2 And then the 28.215 feet above sea level is
3 where they're actually flooding. So we know
4 where they'll flood. And the question is,
5 when we have a problem, we need to release
6 water, and we can bump against that. If
7 we're flooding and they're flooding, then
8 it's a matter of spreading the misery. We
9 haven't luckily run into that recently.
10 Does that help?

11 Okay. 5.5 is the chart data. 5.5
12 meters. So you could see they have about
13 three meter range that we can work in, so
14 about 10 feet. That's about eight feet
15 above where they are right now. Good.
16 Thank you, Doug, for that.

17 MR. STEWART: Thank you. Frank, is
18 there any followup further to that question
19 and issue? I'd ask at this time in this
20 audience whether anyone else will wish to
21 ask a question before we may need to leave
22 the teleconference part. Is anyone desirous
23 of asking a question to be shared with the

1 Dorval, Quebec, Canada audience.

2 FLOOR: Where is Dorval relative to
3 Montreal?

4 MR. STEWART: Al, can you tell the exact
5 geography there?

6 MR. AL: Just west of it.

7 MR. STEWART: Dan?

8 MR. BARLETT: Montreal is right here.
9 Dorval is right here.

10 MR. AL: The Montreal airport is in
11 Dorval.

12 MR. HUDON: Henry, we have a couple of
13 comments before signing off.

14 MR. STEWART: And we'd be happy to stay
15 with you for those. We have no further
16 questions at this point here, so we will
17 stay on to listen to the comments and
18 questions from you.

19 MR. CARPENTIER: Andre Carpentier from
20 the Study Board and also from the control
21 board.

22 I think we, tonight we heard a lot of
23 question about, you know, high levels on

1 Lake Ontario and why we don't dump the water
2 down in the Montreal area, even if we had
3 some room to get that. I think that's why,
4 you know, we have a control board with
5 people all around the system, Lake Ontario
6 and St. Lawrence River and I think that's
7 why also we have a Study Board with a lot of
8 people, again, all along the, all the
9 system.

10 If we want to do what the gentleman
11 mentioned, that when you got water we dump
12 the water down, then if we don't have water,
13 what we will do? Empty the Lake Ontario or
14 go keep the water on Lake Ontario?

15 I think that's not the way that a big
16 system like that should react. We should
17 wait and look at what's happening. And
18 don't, you know, try to react as, you know,
19 every time we got some water. I don't think
20 that's the way and I think that's why we
21 need to have some information as we are
22 getting right now on each interest. And
23 that's the way I think that should be. And

1 I think that's also a good example why we
2 want to link people on the St. Lawrence and
3 on Lake Ontario, in order that everybody, if
4 they're interested in the system to know the
5 interests that on each side of the system.

6 I think that's very important that
7 everybody understand and take into
8 consideration at every point of the system.

9 MR. HUDON: On this point are there any
10 other questions? Henry?

11 MR. STEWART: Yes, Marc. Thank you for
12 --

13 MR. HUDON: I just want to say
14 something. On the way, driving over this
15 afternoon, I was listening to a damage
16 report about what Ivan had done in the
17 southern states, and the reporter was saying
18 that there's another wind coming, and it
19 would make Ivan look like chicken feed. And
20 they've named this new one coming Gene, and
21 I was just concerned that if it's in
22 relation to our Gene, Canada may have to be
23 evacuated. Can you reassure us?

1 (Laughter)

2 MR. STEWART: I know Gene is still here.
3 He's waving in the back. He seems quite
4 friendly. And he says not to worry.

5 MR. HUDON: All right. Thank you folks,
6 we'll meet again soon.

7 (Phone conference with Dorval, Quebec,
8 Canada was terminated at this point.)

9 MR. STEWART: Are you still there?
10 Okay. Thank you folks for that aspect, with
11 respect to the joinder with Montreal. I
12 know that Max Streibel will make some
13 closing remarks. I'd just like to note
14 having facilitated this that it might seem
15 strange to have this teleconferencing,
16 especially with the translation, but as was
17 said by Marc Hudon, another member of the
18 PIAG, actually it was said by Mr. Carpentier
19 of the study board and the board of control,
20 it's been a really eye-opening experience
21 for me on the Public Interest Advisory Group
22 to get to know individuals from around Lake
23 Ontario, north, south, east, and west sides,

1 and all the way up the St. Lawrence River,
2 both members of the PIAG, but also members
3 of the public, and to see the diverse
4 concerns and interests that are there, and
5 to become aware of those and considerate of
6 those, and it really leaves certain
7 parochial interests behind. So this is a
8 real effort to do that and to have us all
9 appreciate what's going on around the basin.
10 We hope it's a really helpful endeavor for
11 all of the members of the public to see that
12 as it is for us and the PIAG and to come
13 away with an appreciation for those diverse
14 and sometimes conflicting interests, but
15 also to realize that in this study the end
16 result it is believed will bring about
17 benefit with respect to all of the
18 stakeholder interests that you see on these
19 banners here, the diverse and competing
20 interests. And also do that in a way that
21 won't make the circumstances for any one
22 interest, and in particular here in Greece,
23 the interests of lakeshore residents and

1 property owners, be in any worse
2 circumstances than they are under the
3 current plans and the current system. So
4 thanks a lot for your attention and
5 interest. And I'd like to turn the floor
6 back to Max Streibel for closing remarks.
7 Thank you.

8 MR. STREIBEL: First of all, I'd like
9 for everyone that's here tonight, these
10 seats are hard, we're sitting on the same
11 seats back here, so you really endured and I
12 appreciate that. And there will be people
13 here, if you do have a question, you know,
14 that you'd like to ask, there will be
15 someone here to try to answer that question.
16 If not, in your package you've got the
17 addresses and methods of getting ahold of
18 us. You know, for any future questions.

19 I'd like to think that many of you were
20 here last year when we were here. I can see
21 that we've made some definitive progress
22 since last year. And as the data now is
23 being, finally being analyzed and we start

1 using the Shared Vision Model, when we come
2 back here next year, and hopefully the
3 audience will be just as great as it was
4 this evening, we'll be here with some
5 options to share with you, the Shared Vision
6 Model. And as you heard this evening when
7 you heard from our comrades in Montreal who
8 have a different situation than we have, and
9 since you can see that there are different
10 interests, different issues that have to be
11 addressed, and we're trying to do that in
12 the best most scientific manner possible.

13 So again, thank you very much and stay
14 in touch with us, and we'll certainly stay
15 in touch with you. Thank you.

16 (Proceedings concluded)