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MANITOBA PUBLIC UTILITIES BOARD

Re: MANITOBA PUBLIC INSURANCE COMPANY
GENERAL RATE APPLICATION
FOR 2009/10 INSURANCE YEAR

Before Board Panel:

- Graham Lane - Board Chairman
- Eric Jorgensen - Board Member
- Alain Molgat - Board Member

HELD AT:

Public Utilities Board
400, 330 Portage Avenue
Winnipeg, Manitoba
October 6th, 2008

Pages 1106 to 1353

APPEARANCES

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1 --- Upon commencing at 9:04 a.m.

2

3 THE CHAIRPERSON: Okay, good morning
4 everyone. I see MPI is seeing the world from a different
5 perspective today, that's good.

6 Mr. Williams, do you want to introduce
7 your witnesses who are well known to the panel and most -
8 - I think all of the parties.

9 MR. BYRON WILLIAMS: Yes, I'd like to re-
10 introduce to the -- my far left, Dr. Wayne Simpson and to
11 his immediate right is Dr. Derek Hum and perhaps Mr.
12 Gaudreau could assist us by affirming Dr. Hum and having
13 Dr. Simpson sworn please.

14

15 CAC/MSOS PANEL:

16 WAYNE SIMPSON, Sworn

17 DEREK HUM, Affirmed

18

19 (Voir Dire Commenced)

20 EXAMINATION-IN-CHIEF BY MR. BYRON WILLIAMS:

21 MR. BYRON WILLIAMS: Thank you, Mr.
22 Chairman. And just for the Board's assistance, hopefully
23 they have bound versions of the -- the evidence of the --
24 the witnesses. Whether or not the versions are bound,
25 the page numbers I'll be referring to I'll -- I'll try

1 and go to subheadings because I -- I realize that some of
2 the people will have different pagination depending on
3 their printer.

4 But I'm going to be -- what should be Tab
5 'A' or the statement of qualifications of -- of both Dr.
6 Hum and Dr. Simpson. And I'm going to start with you,
7 Dr. Hum.

8 Am I correct in suggesting that you're
9 currently a Professor of Economics at the University of
10 Manitoba and that you've taught a wide variety of courses
11 over your lengthy career including money and banking,
12 macro and micro economics and managerial economics?

13 DR. DEREK HUM: Yes.

14 MR. BYRON WILLIAMS: And you've also
15 served as an adjunct professor in the MBA program at the
16 Asper School of Business and in the School of Public
17 Policy at Simon Fraser University.

18 Is that right, sir?

19 DR. DEREK HUM: Yes.

20 MR. BYRON WILLIAMS: Now just in terms of
21 the money and banking course, I -- I -- would I be
22 correct in suggesting to you - and this is certainly set
23 out in your curriculum vita - that the money and banking
24 courses you've taught, some have been at the third year
25 level.

1 Would that be correct, sir?

2 DR. DEREK HUM: Yes.

3 MR. BYRON WILLIAMS: And in terms of
4 intermediate macroeconomic -- or macroeconomics, you've
5 taught intermediate macroeconomics, which would be at the
6 second year level, sir?

7 DR. DEREK HUM: Second or third.

8 MR. BYRON WILLIAMS: And you've also been
9 involved with teaching macroeconomics at the Institute of
10 Canadian Bankers fellow program -- fellows program.

11 Is that right, sir?

12 DR. DEREK HUM: Yes.

13 MR. BYRON WILLIAMS: And urban land
14 economics to the Real Estate Institute fellows program.
15 Would that be correct, sir?

16 DR. DEREK HUM: Yes.

17 MR. BYRON WILLIAMS: I wonder if you can
18 -- just let's focus on your work in money and banking.

19 I wonder if you can explain how your
20 research and your teaching, and your work in money and
21 banking, and financial systems or markets, relates to the
22 issues outlined in your testimony.

23 How is that relevant, sir?

24 DR. DEREK HUM: Well, the -- the course
25 money and banking is considered a sub-field in the area

1 of economics. It has to do with the understanding of the
2 institutions and operations of the financial system, and
3 how it interacts with the regulatory body which, in this
4 case, is the Bank of Canada. So that's what we talk
5 about.

6 The control of the money supply; interest
7 rates; exchange rates; lending practices and regulations
8 imposed on the chartered banks by the Bank of Canada, and
9 so forth.

10 MR. BYRON WILLIAMS: In your work on
11 money in -- in this area, or others, what, if any,
12 experience or reference do you have to investment
13 practice portfolio theory, sir?

14 DR. DEREK HUM: Portfolio theory is one
15 (1) topic that's cur -- covered in the curriculum of
16 money and banking and finance. We tend to look at it in
17 terms of the balance sheets of various institutions, such
18 as the insurance companies, the banks, and so forth.

19 And portfolio theory is just a general set
20 of tools that we -- we teach, or learn, in order to -- to
21 elucidate the principles of how an individual or an
22 institution would balance risk versus returns.

23 It's very, very general in terms of risk
24 and return right now.

25 MR. BYRON WILLIAMS: Okay. And what --

1 we'll come back to that in just a couple minutes.

2 In -- in terms of your work researching,
3 and also teaching in the area of macroeconomics, I wonder
4 if you could indicate how, if at all, it rate -- it
5 relates to the issues outlined in your testimony.

6 And perhaps with particular emphasis on
7 issues such as inflation.

8 DR. DEREK HUM: Well if I had to pick the
9 two (2) top subjects that is covered by macroeconomics,
10 and taught in macroeconomics, it would be inflation and
11 unemployment. Those are sort of the two (2) that are
12 always talked about, and understandably because they are
13 together.

14 I think it's no exaggeration to say that
15 half the curriculum of macroeconomics is -- is concerned
16 one (1) way or another with inflation, and inflation-
17 related problem: stabilization of the economy, preserving
18 the value of the currency, as well as the value of
19 domestic money, and the mechanisms by which the Bank of
20 Canada and the Department of Finance brings about
21 stability in the economy while, at the same time, trying
22 to reach as low a level of unemployment as possible.

23 MR. BYRON WILLIAMS: Thank you for that.
24 I just want to turn to your education very quickly.

25 I understand you received your Bachelor's

1 of Science in 1967 from Mt. Alison University. You
2 completed your MA in -- in politics, philosophy, and
3 economics, from Oxford in '69. And in 1972, you received
4 your PhD in economics from the University of Toronto,
5 sir.

6 DR. DEREK HUM: That's correct.

7 MR. BYRON WILLIAMS: And your Ph -- in --
8 in terms of your PhD, you were specializing in money and
9 banking, and international finance, with a -- is that
10 right, sir?

11 DR. DEREK HUM: Yes. The PhD program
12 requires you to specialize in three (3) fields. Money
13 and banking was one (1) of them, and international
14 finance was the -- one (1) of the others, and my doctoral
15 dissertation was on a very esoteric topic having to do
16 with exchange rates.

17 MR. BYRON WILLIAMS: Well, I -- I
18 hesitate to -- to tread into the subject of exchange
19 rates, maybe in a Hydro hearing.

20 You're also a member of the National
21 Statistics Council Canada. Is that right, sir?

22 DR. DEREK HUM: Yes, I am.

23 MR. BYRON WILLIAMS: And at a high level,
24 without elaborating, you have some experience through
25 your work on the University of Manitoba Staff Benefits

1 Committee as -- as well as the St. John's College Finance
2 Committee in terms of investment portfolios.

3 DR. DEREK HUM: Yes.

4 MR. BYRON WILLIAMS: Would it be fair to
5 say that you published widely in many areas of economics
6 including some seven (7) books, twenty (20) monographs
7 and one hundred (100) journal articles or book chapters,
8 sir?

9 DR. DEREK HUM: Well, that's a numerical
10 characterization, yes.

11 MR. BYRON WILLIAMS: Well substantively
12 have you written specifically on investment portfolio
13 theory; for example, your article Stock Price Cycles and
14 Portfolio theory for the Trader in 1981?

15 DR. DEREK HUM: Yes. That -- that
16 particular article is specifically related to the topic
17 of Portfolio Theory.

18 MR. BYRON WILLIAMS: And would it be fair
19 to say that you've been qualified as an expert witness
20 in economics both by the Manitoba Court of Queen's Bench
21 and the Saskatchewan Court of Queen's Bench, sir?

22 DR. DEREK HUM: Yes.

23 MR. BYRON WILLIAMS: And you recall being
24 qualified as an expert before this Public Utility Board a
25 couple of years ago.

1 DR. DEREK HUM: Very favourably.

2 MR. BYRON WILLIAMS: On a -- on the
3 subject of Manitoba Public Insurance rate stabilization
4 reserve, sir?

5 DR. DEREK HUM: Yes.

6 MR. BYRON WILLIAMS: Okay. Dr. Simpson,
7 your turn. I understand that you're currently a
8 Professor of Economics at the University of Manitoba, is
9 that right, sir?

10 DR. WAYNE SIMPSON: Yes.

11 MR. BYRON WILLIAMS: And when I first met
12 you and for many years, you served as head of the
13 Department of Economics, namely, from 1997 until 2008; is
14 that right, sir?

15 DR. WAYNE SIMPSON: That's correct.

16 MR. BYRON WILLIAMS: And would it be fair
17 to say that over the years you've covered most of the
18 spectrum in -- in areas of economics and particularly
19 focussing on econometrics and microeconomics?

20 DR. WAYNE SIMPSON: Yes. And labour
21 economics.

22 MR. BYRON WILLIAMS: And in terms of your
23 education, would it be fair to say that -- accurate to
24 say you completed your BA from the University of
25 Saskatchewan and then your MSC in Economics followed by a

1 PhD in Economics in 1977 from the London School of
2 Economics, sir?

3 DR. WAYNE SIMPSON: Yes, that's right.

4 MR. BYRON WILLIAMS: And you've also sat
5 on the -- the -- for some period of time, just two or
6 three years on the Manitoba Benefits Committee at the
7 University of Manitoba which oversees the Investment
8 Portfolio; is that right, sir?

9 DR. WAYNE SIMPSON: That's correct.

10 MR. BYRON WILLIAMS: In your other
11 experience, would it be fair to say that you've also
12 worked as an operations analyst for the Bank of Canada,
13 as an economist for Labour Canada and for the Centre for
14 the Study of Inflation and Productivity at the Economics
15 Council of Canada, sir?

16 DR. WAYNE SIMPSON: Yes, I have.

17 MR. BYRON WILLIAMS: And you've written
18 and published extensively in a wide area of topics
19 related to economics including labour markets, program
20 evaluation, urban problems and income maintenance, is
21 that right, sir?

22 DR. WAYNE SIMPSON: Yes.

23 MR. BYRON WILLIAMS: And going to use Dr.
24 Hum's words, numerically you've authored some three (3)
25 books, more than fifty (50) peer-reviewed journal

1 articles, as well as numerous papers and technical
2 reports.

3 Is that right, air?

4 DR. WAYNE SIMPSON: Yes.

5 MR. BYRON WILLIAMS: Would one (1) of the
6 articles you've written in a referee journal be Reducing
7 Inflation in an Era of Low Inflationary Expectations
8 which appeared in Macroeconomic Causes of Unemployment
9 Diagnosis and Policy Recommendations?

10 Do you recall that, sir?

11 DR. WAYNE SIMPSON: Yes, I do.

12 MR. BYRON WILLIAMS: And also in a
13 referee journal you published Is Hypo Inflation Good
14 Public Policy in Canadian Policy?

15 DR. WAYNE SIMPSON: I did, yes.

16 MR. BYRON WILLIAMS: And you're currently
17 on the Editorial Board of Canadian Public Policy and you
18 have served on the Editorial Board of the Canadian
19 Journal of Economics, sir?

20 DR. WAYNE SIMPSON: Yes.

21 MR. BYRON WILLIAMS: And you've been
22 qualified as an expert witness by the Manitoba Public
23 Utilities Board on two (2) separate occasions; one being
24 with regard to the MPI Rate Stabilization Reserve and one
25 with regard to economic issues related to the Payday

1 lending issues, sir?

2 DR. WAYNE SIMPSON: Yes, I have.

3 MR. BYRON WILLIAMS: Thank you. Dr. Hum
4 and Dr. Simpson, individually, I wonder if you can
5 confirm that the -- your evidence was prepared under your
6 joint direction and control and is accurate to the best
7 of your knowledge and ability?

8 DR. WAYNE SIMPSON: Yes.

9 DR. DEREK HUM: Yes.

10 MR. BYRON WILLIAMS: And just to be
11 clear, there is an Information Request Response, PUB-
12 Coalition-1-1.

13 Would it be fair to say that you've
14 reviewed that response but yet the actual response was
15 prepared, to your knowledge, by Mr. Williams with some
16 assistance from Mr. Greg Matwichuk of Stephen Johnson?

17 DR. DEREK HUM: Yes.

18 MR. BYRON WILLIAMS: Mr. Chairman, I'd
19 ask at this point in time that Dr. Hum be qualified with
20 recognition of his expertise as an economist with
21 particular expertise on the subjects of money and banking
22 in the financial market and macroeconomics; and that Dr.
23 Simpson be qualified with recognition of his expertise in
24 economics with particular reference to his expertise in
25 areas such as labour markets, statistical theory, which -

1 - and including the handling of empirical data and
2 evidence?

3 THE CHAIRPERSON: Thank you, Mr.
4 Williams. Mr. McCulloch, do you have any comments?

5 MR. KEVIN MCCULLOCH: Mr. Chairman, just
6 a couple of comments and...

7

8 (BRIEF PAUSE)

9

10 THE CHAIRPERSON: We'll take a two (2)
11 second break.

12

13 (BRIEF PAUSE)

14

15 MR. KEVIN MCCULLOCH: Yes, Mr. Chairman,
16 it -- it seems we now have one (1) operating microphone
17 on this side and -- and Mr. Palmer won't need it at this
18 stage of the proceeding so I'll -- I'll --

19 THE CHAIRPERSON: We're not trying to
20 reduce your opportunities to participate.

21

22 CROSS-EXAMINATION BY MR. KEVIN MCCULLOCH:

23 MR. KEVIN MCCULLOCH: As I started to
24 say, I -- I would never be foolish enough to -- to
25 challenge Doctors Hum and Simpson in the areas of

1 economics and their expertise there, but I have a few
2 questions relating to the -- the type of study that was
3 done and presented to the Board and -- and, in
4 particular, their expertise in -- in that area.

5 I want to first deal with the statement of
6 qualifications and in that statement, Dr. Hum, you
7 mention that for three (3) years you were on the
8 University of Manitoba staff benefits committee and I
9 note that Dr. Simpson also served on that same committee
10 in the period 2000 to 2002.

11 Were -- were you on this committee at the
12 same time?

13 DR. DEREK HUM: No, we were not.

14 MR. KEVIN MCCULLOCH: And what size of
15 committee is that? How many people on that committee?

16 DR. DEREK HUM: If everybody attended, it
17 would be about fifteen (15) or sixteen (16), but not
18 everybody attends every meeting.

19 MR. KEVIN MCCULLOCH: And also in your
20 statement of qualifications, Dr. Hum, you list a report
21 or rather a paper, "Stock Price Cycles and Portfolio
22 Theory for the Trader," which you published in 1981 and
23 that was put forward as a specific study or paper dealing
24 with investment portfolios; is that correct?

25 DR. DEREK HUM: I did publish that paper.

1 I'm not sure why it was put -- what the description of it
2 has been put forward. It -- we could give you a copy of
3 that paper. It is a paper that is a theoretical paper on
4 portfolio theory. I would characterize it as saying that
5 it -- it falls within the -- the area of an extension to
6 portfolio theory as is taught and understood.

7 MR. KEVIN MCCULLOCH: Have you published
8 any papers since 1981 dealing specifically with
9 investment or portfolio theory?

10 DR. DEREK HUM: No.

11

12 (BRIEF PAUSE)

13

14 MR. KEVIN MCCULLOCH: I correct -- I'm
15 correct, I presume, in stating that neither of you, Dr.
16 Hum or Dr. Simpson, are chartered financial analysts
17 using the CFA designation.

18 Is that correct?

19 DR. DEREK HUM: That's correct.

20 MR. KEVIN MCCULLOCH: And I also
21 understand, not only from your evidence so far this
22 morning but from two (2) years ago, that you're not
23 actuaries.

24 DR. DEREK HUM: No.

25 MR. KEVIN MCCULLOCH: Now the study that

1 you were asked to take a look at, which is called An
2 Asset Liability Modelling Review, that -- that's a very
3 specific and -- and focussed type of study, is it not?

4 DR. DEREK HUM: It's specific and
5 focussed, yes.

6 MR. KEVIN MCCULLOCH: And it's focussed
7 on looking at a company's liabilities, and trying to
8 match the assets in the portfolio to allow the
9 organization, or to assist the organization, in meeting
10 those liabilities.

11 Is that correct?

12 DR. DEREK HUM: I'll accept that.

13 MR. KEVIN MCCULLOCH: And we heard
14 evidence from Mr. Bell earlier in these proceedings that
15 the conduct of such a study required a fair bit of
16 modelling, computer modelling, I presume.

17 Is that correct?

18 DR. DEREK HUM: It does require, yes.

19 MR. KEVIN MCCULLOCH: In your analysis of
20 Mr. Bell's study, did you do any such computer modelling?

21 DR. DEREK HUM: No.

22 MR. KEVIN MCCULLOCH: Again, was it
23 basically you -- you looked at the results put forward by
24 Mr. Bell, and you make comments on certain of those
25 results.

1 Is that correct?

2 DR. DEREK HUM: That -- that was my
3 mandate. I will (sic) not ask to replicate the results,
4 or to do any computer modelling, but I would say that
5 modern portfolio theory, and modelling of computers, with
6 computers, are things that I have done in the past, and I
7 am capable of doing.

8 I just was not asked to do it in this
9 instance. So I want you to understand that they're
10 within my skillset and experience.

11 MR. KEVIN MCCULLOCH: Fine, but I was
12 just trying to get a flavour of what it was that -- what
13 your directions were, and what your intention was, from
14 the study.

15 DR. DEREK HUM: Absolutely.

16
17 (BRIEF PAUSE)

18
19 MR. KEVIN MCCULLOCH: Mr. Chairman, those
20 are all my comments, and as I -- I said at the outset,
21 I'm not here to -- to challenge the expertise of -- of
22 Dr. Hum and Simpson, but I do believe, and -- and since I
23 intend to make some points in -- in final argument, I do
24 believe there's an issue as to the weight that their
25 evidence should be given, and that was the purpose of my

1 questioning.

2 THE CHAIRPERSON: We'll -- Mr.
3 Williams...?

4 MR. BYRON WILLIAMS: Just in -- just for
5 the -- my purposes, Mr. Chairman, we've asked that Dr.
6 Hum and Dr. Simpson be qualified for those specific
7 purposes, and I just want to make sure I understand MPI's
8 position and I'm assuming that they're accepting their
9 expertise in the areas that I've outlined.

10 MR. KEVIN MCCULLOCH: That's correct.

11 THE CHAIRPERSON: Thank you to both of
12 you. Mr. Dawson...?

13 MR. ROBERT DAWSON: I have no objection
14 to these witnesses being qualified as experts.

15 THE CHAIRPERSON: Mr. Kruk...?

16 MR. JERRY KRUK: No questions.

17 THE CHAIRPERSON: Okay. We will proceed.
18 We will take into account the exchange between Mr.
19 McCulloch and the witnesses.

20

21 (VOIR DIRE CONCLUDED)

22

23 THE CHAIRPERSON: Mr. Williams...?

24

25 EXAMINATION-IN-CHIEF BY MR. BYRON WILLIAMS:

1 MR. BYRON WILLIAMS: Yes, and I'm going
2 to ask Dr. Simpson and Dr. Hum to turn to their report on
3 the new target of MPI's investment portfolio dated
4 September 3rd, and I'm going to ask you specifically to
5 start off by turning to the introduction, which in the
6 bound version should appear at page 2.

7 Do you have that, Dr. Simpson and Dr. Hum?
8 I see your heads nodding.

9 Perhaps Dr. -- Dr. Hum, I can ask you --
10 I'm -- I'm going to turn you directly to -- under the
11 introduction Point 3 and the statement:

12 "This review is concerned only with
13 selected aspects of the portfolio mix
14 for MPI, to wit, whether the MP --
15 current MPI portfolio is efficient in
16 the sense that it yields the highest
17 return for a given level of risk. In
18 other words, the review does not assess
19 whether MPI should take more or less
20 risk."

21 And I wonder if you could elaborate on
22 what you -- you and Dr. Simpson meant by that statement,
23 please.

24 DR. DEREK HUM:: I'm sorry, could you
25 repeat that?

1 MR. BYRON WILLIAMS: I wonder if you
2 could elaborate in terms of what you and Dr. Simpson
3 meant by that statement.

4 DR. DEREK HUM: Okay. The -- the term
5 "efficient" as applied in portfolio theory is a technical
6 term. It basically says, Can you do better in terms of
7 achieving a higher rate of return for a given level of
8 risk or sometimes what is the same thing we phrase it,
9 For a given rate of return have you got a portfolio that
10 is the minimum risk? "Return" and "risk" can be defined
11 more precisely later.

12 So a portfolio is efficient if, in
13 fact, for a given level of risk you cannot get a higher
14 rate of return. Everybody would like to have a rate of
15 return on a portfolio of 50 percent with no risk, but
16 that would be not only in -- not efficient, it's not
17 feasible, so, we also confine ourselves only to the set
18 of portfolios that can be constructed, that are feasible.
19 They must be able to be obtained by combining instruments
20 that are available in the market.

21 MR. BYRON WILLIAMS: Thank -- thank you
22 for that.

23 And I'll come back to risk and return in
24 one (1) second. You mentioned the word, "modern
25 portfolio theory." It's come up a little bit.

1 Can you address the concept of
2 diversification and how that fits within modern portfolio
3 theories, sir?

4 DR. DEREK HUM: Modern portfolio theory
5 is a very standardised term now. It's one (1) of the
6 buzz words or catch phrases that we use in this -- the
7 teaching of this. It's perhaps even an unfortunate term,
8 but it probably dates back to the work of Markowitz who
9 was -- the first time showed mathematically that you
10 could structure a portfolio that would give you a rate of
11 return and actually reduced your risk.

12 The risk was defined as the variability in
13 the -- in the return on the portfolio. And he showed
14 that you would do this by diversification.
15 Diversification meant that you must have more than one
16 (1) asset in your portfolio. If you have only one (1)
17 asset, you're not diversified and you cannot get a lower
18 risk or variance than whatever that security gives you.

19 But if you have more than one (1), it is
20 possible through judicious selection of them to actually
21 have the same rate of return, but lower risk. And the
22 gains that come from that is known as diversification.
23 This is the tactic or strategy and is the fundamental
24 principle underlying what we call modern portfolio
25 theory.

1 as if the rate of return to the portfolio is expected to
2 be 5 percent, but it can vary anywhere from three (3) to
3 seven (7), that spread on the -- this is not precise, but
4 that spread is some notion of the risk that you're not
5 going to get five (5), you might get three (3), but you
6 could also get seven (7).

7 But statistically, we could define a
8 precise measure called the Variance of Standard Deviation
9 that represents the -- the spread of the rates of return
10 that you would get around your average expected return.

11 MR. BYRON WILLIAMS: Thank you, Dr. Simp
12 -- or Dr. Hum.

13 And, Dr. --

14 DR. DEREK HUM: We're interchangeable.

15 MR. BYRON WILLIAMS: Yeah. And Dr.
16 Simpson, I'm -- you're both welcome to respond to these
17 questions. I wonder, Dr. Simpson and Dr. Hum, if you
18 could turn to Table 1 of your evidence which appears in
19 the bound version at page 4, it's titled, Four Portfolio
20 Mixes for MPI Compared.

21 Do you see that, Dr. Hum?

22 DR. DEREK HUM: Yes.

23 MR. BYRON WILLIAMS: Now, Dr. Hum, you
24 mentioned a few moments ago that you were -- you were
25 asked to discuss whether the current MPI portfolio is

1 efficient and if I turn -- look at Table 1, I see on the
2 second left-hand column the old target per MPI versus the
3 -- the new target per -- per MPI.

4 And I wonder if you can discuss at a -- at
5 high level the -- the major differences between the old
6 target and the -- and the new target, please?

7 DR. DEREK HUM: Thank you. First of all,
8 I constructed this table, or we constructed. I use I/we
9 interchangeably so that it is our table.

10 And at a high level, and I know you'll
11 have an opportunity to -- to ask for detail, the "0"
12 target, if I confine myself to the three (3) major asset
13 classes of fixed income, equity and alternative, it shows
14 that the target was approximately, I'll round-up,
15 80 percent fixed, approximately 20 percent public equity
16 and very, very small amounts in alternative, 0.5 percent.

17 If we compare that to the new target which
18 is a target, the fixed equity is 60 percent, so, there's
19 a decrease of 20 percent. Equity is roughly the same at
20 20 percent and the category of Alternative, the target is
21 20 percent, which is substantially higher than the
22 0.5 percent of the old target.

23 I have characterized this in my report as
24 an improvement for MPI in the sense that they should,
25 according to modern portfolio theory, expect a higher

1 rate of return with this allocation. The new target, my
2 understanding is that they have not yet got there but
3 when they get there this allocation should provide a
4 higher expected rate of return. But it doesn't come
5 without cost and I suggest that it comes with a slight
6 decrease in the liquidity of their portfolio of the new
7 target as opposed to the old target.

8 MR. BYRON WILLIAMS: And as it -- apart
9 from liquidity, are there other -- any other elements
10 that, given the -- your expectation under theory that it
11 -- it should yield a higher return, are there any other
12 potential downsides to the -- to the new portfolio?

13 DR. DEREK HUM: Well, there are some
14 downsides and -- and this is where we can get into the
15 details and, particularly, I noted some areas of concern
16 that -- that would worry me if I were faced with this
17 movement to the new target. I am -- I don't know if you
18 want me to talk about them or not.

19 MR. BYRON WILLIAMS: And -- and let me
20 just stop you there for a second and just -- just to go
21 back, though, you -- you talked about a slightly higher --
22 - or a higher return.

23 In terms of risk based upon portfolio
24 theory, what would be your expectation in terms of this
25 new target?

1 DR. DEREK HUM: Well, I would
2 characterize it as a higher risk as well because my
3 characterization of bonds is that most people in the
4 money and banking consider them relatively safe or safer
5 than the alternative, which is equity and alternatives
6 and so, therefore, if you reduced a proportion of your
7 portfolio that's in the safe basket towards the others,
8 you would expect the overall portfolio mix to be slightly
9 less safe than it would be, because in the interim when -
10 - and in the limit one could have 100 percent bonds. And
11 then of course it would be very, very safe.

12 Most people would consider that extremely
13 safe but one would not have probably expect as much
14 return from that kind of allocation.

15 MR. BYRON WILLIAMS: Now let me -- and
16 we'll come back to this subject later, but in the third
17 line of this Table 1, you see a RRB and you'll -- I'm
18 going to suggest to you that -- that's a reference to
19 Real Return Bonds, is that right?

20 DR. DEREK HUM: Yes. It is. I -- I
21 wrote the report, so, that's what I meant.

22 MR. BYRON WILLIAMS: Okay, that's good.
23 Can you just at a very high level without elaborating at
24 this point in time, identify the trend -- or the change,
25 excuse me, not the trend, the change between the -- the

1 old target in terms of Real Return Bonds and the new
2 target?

3 DR. DEREK HUM: Well very, very simply,
4 the old target had a positive allocation to Real Return
5 Bonds. The weighting or -- approximately it was 12.5
6 percent is the proportion.

7 The new target has an allocation of zero
8 so, therefore, when the portfolio is finally established
9 under the new targets, there will be no Real Return Bonds
10 in the new target allocation.

11 MR. BYRON WILLIAMS: Okay. Thank you for
12 that. I want to turn and you can stay on this table for
13 -- at least for the short term.

14 I want to focus now on -- on equities.
15 And I'm going to suggest to you, you're right, you did --
16 you collectively produced this table.

17 You make reference in this table to both
18 the Aon report and the Mercer report. Is that right, Dr.
19 Hum?

20 DR. DEREK HUM: Yes. And those are in
21 the -- the columns that are bracketed by the old target
22 and new target.

23 MR. BYRON WILLIAMS: And going down to
24 the Public Equity section, you've generally divided this
25 material into Canadian Equity, US Equity and Foreign

1 Equity, is that right?

2 DR. DEREK HUM: That's correct.

3 MR. BYRON WILLIAMS: With reference to,
4 you know, Aon first than Mercer, I wonder if you could
5 offer any observations about the relative mix in terms of
6 percentage between Canadian versus American and then
7 Canadian versus all non Canadians proposed in both of
8 these reports?

9 DR. DEREK HUM: Well, as the numbers
10 indicate, the Aon report allocates 10 percent of the
11 portfolio to Public Equity divided between 3 percent
12 Canadian and 7 percent US.

13 The Mercer report allocates 25 percent of
14 the portfolio to equity allocated evenly between -- I'm
15 sorry, allocated 10 percent to Canadian, 10 percent US
16 and 5 percent foreign.

17 The new target, just by way of comparison,
18 of MPI as allocating 12 percent Canadian, 5 percent US, 3
19 percent foreign equity.

20 So if one looks at the numbers, I would
21 characterize both the Aon report and the Mercer report as
22 allocating a larger fraction of the portfolio to non
23 Canadian equities, both of them agree that this is -- the
24 number's different but both of them have this qualitative
25 aspect to it.

1 The new target of MPI is the reverse, 12
2 percent Canadian versus 8 percent combined US and
3 foreign. So their allocation is the opposite of the Aon
4 and Mercer allocations.

5 So that is the qualitative distinction
6 between the new target and the combined Aon/Mercer type
7 of recommendation.

8 MR. BYRON WILLIAMS: At a high level
9 which relative allocation do you prefer? Greater
10 proportion at weight in non Canadian or greater
11 proportion at weight in Canadian?

12 DR. DEREK HUM: I prefer the greater
13 proportion of weight in non Canadian.

14 MR. BYRON WILLIAMS: And can you explain
15 why at a high level?

16 DR. DEREK HUM: I would explain it in a
17 two (2) stage process. One is that, first of all, under
18 the diversification theorem it's better to be in both,
19 okay? But that doesn't go far enough.

20 It's -- it's not the same thing as having
21 a \$2 billion portfolio in one and having one hundred
22 dollars (\$100) of it in the other one and, say, I've
23 satisfied your condition of being in both markets.

24 So the actual proportions are important.
25 The -- the -- then the question is: Why should the US or

1 the non Canadian one have a larger proportion than the
2 Canadian?

3 Well, there are two (2) reasons: One (1)
4 is the Canadian equities, what I would call good or safe
5 equities for this -- want of a better word let's call
6 them "large cap" companies with large capitalization as
7 opposed to startups or venture capital firms, the -- the
8 amount of the total world or North American equities that
9 are available that -- that Canada comprises is a very,
10 very small fraction of the North American or global
11 capital markets.

12 So there's a lot more choice involved and
13 there's a greater variety of -- of these firms that you
14 could invest in in US equity. So that would be one (1)
15 point and, of course, foreign as well. There's a lot of
16 international companies that are not North American.

17 And the second one is that -- is the
18 diversification one. This can be slightly technical, but
19 for now if you take it on faith, if you want to diversify
20 and you've made up your decision that you're going to be
21 in both markets, then what is the proportionate
22 allocation between these two (2) markets that would give
23 you the greatest amount of diversification in the sense
24 of reducing the variance or risk of your total portfolio?

25 I'm not suggesting this as an iron rule,

1 but mathematically the lowest risk point would be with an
2 equal split. Okay? I'm not saying that every portfolio
3 should be equal, but mathematically that's the case and
4 as you move from a fifty fifty (50/50) split, then the
5 diversification theorem becomes less powerful.

6 So obviously, from that perspective, if we
7 confine ourselves to Canadian/US equities, the Mercer
8 report, obviously, attempted to accomplish this by
9 having the equal split.

10 Aon, obviously, had other considerations
11 in their model so that they didn't do that and -- and the
12 new target of MPI didn't do that, but that would also be
13 an additional reason why one would want to examine the
14 proportions as well as simple presence in both markets.

15 MR. BYRON WILLIAMS: And we're going to
16 stay with this point for a couple more minutes.

17 If you could turn to your evidence, the
18 heading about four (4) more pages in, the Amount of
19 Foreign Equities in the MPI portfolio? In the bound
20 version, it should be about page 8.

21

22 (BRIEF PAUSE)

23

24 MR. BYRON WILLIAMS: Simple bottom-line
25 question: Do you consider the proposed allocation of the

1 target MPI portfolio equities to be efficient?

2 DR. DEREK HUM: Where is this? Oh,
3 that's the question?

4 MR. BYRON WILLIAMS: Yeah, I'm looking
5 for your evidence. I'll ask the questions.

6 DR. DEREK HUM: I don't think it's
7 efficient in the sense that I believe they could get for
8 this similar level of risk a higher rate of return with
9 an alternative allocation.

10 MR. BYRON WILLIAMS: And that's primarily
11 for the reasons you've expressed previously.

12 DR. DEREK HUM: Yes, I think they are
13 underweighted in the US market and underweighted in what
14 I call the foreign market where I'm using "foreign" to
15 exclude US.

16 MR. BYRON WILLIAMS: Okay. And again, at
17 a very high level -- I'm not asking for specific
18 investment advice but, at a general level, if you don't
19 consider the proposed MPI target in terms of equities to
20 be efficient, what might you consider to be a preferable
21 approach?

22 And you may have already answered that,
23 but I just want to make sure.

24 DR. DEREK HUM: Well, I -- I think I have
25 answered that is that I would -- I would like to have

1 seen, as a taxpayer, a greater weighting in US equities
2 and a slightly greater weighting in foreign equities as
3 well.

4 MR. BYRON WILLIAMS: Okay. Thank you for
5 that.

6 DR. DEREK HUM: But I'm not recommending
7 particular stocks.

8 MR. BYRON WILLIAMS: Thank you. Just a
9 couple more points in this area.

10 MPI seems to say that -- and I'm
11 interpreting their position, that Canadian equities have
12 done better over the past little while than US equities.

13 Shouldn't that argue for a greater
14 proportionate investment in Canadian stocks?

15 DR. DEREK HUM: That's very tricky
16 because no stocks have been doing very well recently, but
17 I understand. It depends on the time frame by which one
18 refers to in making this comparison, and it also depends
19 on your investment horizon.

20 My understanding of reading the material
21 is they were referring to the performance of Canadian
22 equities over the last five (5), six (6), seven (7)
23 years. They weren't -- I am as -- I don't interpret that
24 as being something that has been recorded since the
25 beginning of record-taking about the markets.

1 And -- and I agree that that is the case.
2 Canada in the last five (5), six (6) years has the
3 benefits of a -- what we would have called a -- a
4 tremendous demand in a particular sector, which Canada
5 has compared advantages, which is commodities and raw
6 materials.

7 And history shows that demand for
8 commodities and raw materials is -- is not uninterrupted,
9 it's cyclical. So for the period they have chosen, yes,
10 Canada has done very well.

11 On the other hand, I understand that the
12 philosophy underlying -- and I'll be corrected by counsel
13 I'm sure if I'm wrong, that the intent of the portfolio
14 is on a long-term horizon basis. They're not going to be
15 trying to be active traders on a day-by-day basis on
16 this.

17 And if I accept that the portfolio horizon
18 is long term, then the most recent superiority of the
19 Canadian market over the last little while becomes not a
20 great consideration, partly because of the long horizon
21 of the portfolio intent, and partly because of the
22 fairly, I would say, localized and specialized reasons
23 why the Canadian market has out performed recently.

24 MR. BYRON WILLIAMS: Okay. And just to
25 turn to the issue of international equities for a second,

1 you'll recall that Aon, in its recommendations, doesn't
2 allocate anything for international equities.

3 Is that right? Your understanding?

4 DR. DEREK HUM: They -- they -- yes, they
5 didn't.

6 MR. BYRON WILLIAMS: And you'll also
7 understand that MPI makes some modest allocation to
8 international equities. Is that -- is that right, sir?

9 DR. DEREK HUM: I believe the target is 3
10 percent. The new target's 3 percent.

11 MR. BYRON WILLIAMS: Between the Aon
12 approach and the MPI approach, which do you prefer?

13 DR. DEREK HUM: The MPI approach.

14 MR. BYRON WILLIAMS: And why?

15 DR. DEREK HUM: Well, I am actually quite
16 baffled by the -- the Aon recommendation, and I'm sure
17 I'm not privy to all of the information and instructions
18 that they have received. My understanding is that they
19 just didn't bother to model it.

20 What I have said about the value of
21 diversifying away from the economy and Canadian equities
22 to include the US also is valid for the global economy.

23 Again, while the US is a large economy,
24 and the North American is a large economy, it's still
25 only a small part of the entire world. And it's very

1 difficult to see that there would not in this third
2 category -- I'll just call them foreign. By "foreign" I
3 mean non-Canadian, non-US, that there would not be
4 diversification gains to be had by including this third
5 asset class. Aon did not do that so, therefore, their
6 portfolios are restricted in terms of the ability to do
7 this.

8 If we include it and MPI, I think has -
9 I'm allowed to editorialize I'm an economic - wisely
10 rejected the Aon recommendation there, and have included
11 foreign equities, I think that shows a tremendous
12 intelligence.

13 So it can't be that they are obsessive
14 about staying in North America. So therefore the only
15 question is: Is 3 percent enough, and 3 percent of the
16 rest of the North -- non North American world seems to me
17 is a very small proportion for a portfolio of the size of
18 MPI which is about \$2 billion.

19 It's not as if you can't afford to do it.
20 It's a very small proportion. It's almost like -- it's
21 almost -- token is of right now to say that the rest of
22 the world is worthy of 3 percent of our investment
23 intention.

24 MR. BYRON WILLIAMS: Just turning to the
25 next page of your evidence and it should be just above

1 the heading of Absence of Real Return Bonds.

2 And, Dr. Hum, I'm going to suggest to you
3 that you make a reference to the fastest growing -- some
4 of the fastest growing economies in the world including
5 Brazil, Russia, India and parts of Asia sometimes known
6 by the acronym B-R-I-C, BRIC.

7 DR. DEREK HUM: Mm hm.

8 MR. BYRON WILLIAMS: Do you see that,
9 sir?

10 DR. DEREK HUM: Yes, I do.

11 MR. BYRON WILLIAMS: And I just -- thank
12 you for that answer. And I just want to be clear, are
13 you recommending that's where MPI should put its money or
14 -- or is that illustrative just of the fact that there
15 are -- whether MPI goes there, that there are some
16 opportunities internationally?

17 DR. DEREK HUM: First of all, I want to
18 make it very clear, I'm not going to recommend to MPI
19 where to put their money at all; that's -- that's an
20 unqualified statement on my part.

21 I -- I meant that as a followup sentence
22 to my previous sentence which was the refusal by Aon to
23 countenance international equity in our judgment is
24 inexcusable. And if I left it at that, I'm sure somebody
25 would have said, why. So I thought I would follow that

1 up by illustrating that the fastest growing economies in
2 the world are not Canada or the US.

3 They include other parts of the world. I
4 use the BRIC simply because it is so well established now
5 that it has its own acronym; that people realize that
6 these are the fastest growing parts.

7 And then of course I did attempt to
8 clarify, perhaps not adequately, in a footnote that there
9 are other parts of the world besides those four (4)
10 countries that people often find useful for investing
11 purposes such as Britain and Sweden and Japan and so
12 forth so on.

13 So, it was not meant as a recommendation
14 at all. That would be a deliberate misreading of that
15 sentence to suggest that I was recommending MPI invest in
16 BRIC.

17 MR. BYRON WILLIAMS: Let's turn to Real
18 Return Bonds for a couple of moments.

19 Just as a reminder and you've noted this
20 in your -- your previous testimony, have you not, MPI's
21 targets appear to be moving from a substantial position
22 in Real Return Bonds to zero. Is that right?

23 DR. DEREK HUM: Yes, that's -- that seems
24 to be the intent.

25 MR. BYRON WILLIAMS: And if -- we're just

1 -- in terms of the bound version of your evidence turning
2 to page 9 the heading is Re Absence of Real Return Bonds
3 in the MPI Portfolio.

4 Dr. Hum, at a high level can you advise
5 the Board of your observations in this area?

6 DR. DEREK HUM: Yes. This recommendation
7 by Aon was one that probably struck me as -- as the -- as
8 the most worrisome from my perspective as -- as an
9 economist.

10 If I might explain the economist often
11 worry about, among other things, inflation. Inflation I
12 -- I don't think I will catalogue all of the deleterious
13 effects that high inflation can wreck on an economy and
14 individuals and so forth. But Real Return Bonds is one
15 of the instruments that is available in the market for
16 individuals to, in some sense, hedge or ensure against a
17 contingency of high and volatile inflation.

18 And that's what the instrument was created
19 for. So for me to see Aon recommending that these not be
20 held was, in some sense -- I had a very emotional
21 reaction to this.

22 The Real Return Bonds means that should
23 inflation be high and we can pick a -- a number, 6, 7 8
24 percent. I'm not talking about hyper inflation which is
25 when the economist should reserve that term for triple-

1 digit inflation, but high inflation, then nominal bonds
2 essentially pays you the coupon rate or the rate of
3 return that was written and agreed to.

4 Real Return Bonds are different. They pay
5 you that rate plus an adjustment, according to a formula,
6 what the rate of inflation is. So in that sense, you're
7 protected against a contingency of unforeseen and
8 unpredictable high inflation.

9 Government bonds are customarily thought
10 by -- by most people as safe, very safe. They're very
11 safe in the limited sense of having an absence of default
12 risk. We don't expect the Government of Canada to go
13 bankrupt as -- as -- and not honour their obligations,
14 but that doesn't speak to the issue of inflation risk and
15 that is why Real Return Bonds have this particular
16 feature.

17 So that was why I suggested that the
18 absence of Real Return Bonds is to me a flaw in the
19 recommendations because it goes from 12.5 percent to zero
20 (0) and if they meet that target, I don't have to run a
21 computer program to reach my judgment that I don't think
22 this is a good thing.

23 MR. BYRON WILLIAMS: Well, let me play
24 devil's advocate with you for just a second, Dr. Hum.

25 You're aware that the Bank of Canada has

1 targets for -- for inflation?

2 DR. DEREK HUM: Yes.

3 MR. BYRON WILLIAMS: And you're aware
4 that certainly in the late '90s and the early -- earlier
5 parts of this decade, the inflation did pretty well in
6 terms of staying within those targets?

7 DR. DEREK HUM: It was benign, yes.

8 MR. BYRON WILLIAMS: So I'm going to
9 suggest to you that the Bank of Canada has things under
10 control and that your reaction to the -- the risk of
11 inflation is -- is inconsistent with that reality?

12 DR. DEREK HUM: Well, that was a good
13 suggestion. I don't know. I don't know if I should make
14 the comment that during the period of tremendous control
15 over the inflation the Bank of Canada was headed by an
16 economist, David Dodge.

17 I could answer this in several ways but
18 let me start off by the first way which is that your
19 reference to an historical period in which inflation was
20 benign, this is the last ten (10) years in which the Bank
21 of Canada moved to what we call a policy of deliberate
22 inflation targeting. They managed their policies in such
23 a way as to keep the rate of inflation in Canada within a
24 bound and the bound in this particular Bank of Canada
25 regime, I'll call it "the Dodge regime," was between 1

1 and 3 percent.

2 The previous regime, at least on paper,
3 was that of Mr. Crow (phonetic) who said he was going to
4 crank it down to zero (0). Okay?

5 But if I push your memory of economic
6 history back another ten (10) years from there, you might
7 precord (phonetic) or remember that inflation rate was
8 extremely high in the 8, 9, 10 percent, so dramatic that
9 the government had to do all kinds of things beyond
10 monetary policy. They had to set up in the Economic
11 Council of Canada a special research firm, endeavour, on
12 the study of inflation in which my colleague worked, the
13 Centre for Study. They had to take such dramatic steps
14 as impose wage and price controls.

15 I don't know if people remember this, but
16 my point is, the period of history is not so long that
17 certainly within my professional life and living memory,
18 there are periods in which inflation has not been benign,
19 so, that's the first period.

20 So the question is, pick your period.
21 Okay?

22 The second point is that you may have
23 faith and trust in the Bank of Canada in their resolve to
24 keep inflation within those targets but there's no
25 guarantee that they will, with the best of resolve,

1 succeed because what the episode of the '90s told us
2 during the OPEC cartel, despite great sincere resolve and
3 tremendous talent, it is not possible to maintain a rate
4 of inflation in Canada that was considered acceptable
5 because most of the impetus for it was external to our
6 country.

7 I refer in this particular case to the
8 OPEC cartel but there could be other -- other causes that
9 originate outside Canada and the Bank of Canada is, and
10 let's be very blunt, Canada is a very small country in
11 the scheme of things of the global economy, so the Bank
12 of Canada itself may find themselves slightly impotent in
13 terms of controlling inflation.

14 So the Bank of Canada is a wonderful
15 institution and is trustworthy but despite all that there
16 may be occasions in which, as history has shown us, they
17 are not able to contain the inflation within their
18 desired 1:3 ban. I mean this is -- this is good.
19 Sometimes good people fail to meet their targets, so.

20 MR. BYRON WILLIAMS: Dr. Hum, and this is
21 just a very small point of clarification, you -- you
22 referenced the OPEC cartel in the '90s and did you mean
23 the --

24 DR. DEREK HUM: '80s.

25 MR. BYRON WILLIAMS: -- '80s?

1 DR. DEREK HUM: '80s.

2 MR. BYRON WILLIAMS: And -- and perhaps
3 the '70s?

4 DR. DEREK HUM: Yeah. I have a third
5 point but it doesn't matter anyway.

6 MR. BYRON WILLIAMS: Well, let -- let me
7 just go to that third point and certainly, Dr. Simpson,
8 you've been quietly waiting as well, either one of you
9 can jump in.

10 What, if any, observations might you make
11 where -- let me suggest to you that we're in troubled
12 economic times or in -- in the financial markets right
13 now and does that affect your -- your conclusion in this
14 area at all.

15 DR. DEREK HUM: Go ahead.

16 DR. WAYNE SIMPSON: Well, I think the
17 fact that the Bank of Canada has set explicit targets
18 shouldn't, you know, isn't really a change of policy. I
19 mean, the Bank of Canada's policy has always been one of
20 -- of low inflation. The inflation targetting is a -- is
21 a new measure focused on transparency more than anything,
22 basically saying that if inflation gets outside this band
23 either at the top end of 3 percent or the bottom end at
24 1 percent, we're concerned and we will take action. And
25 there are specific actions that they'll take in -- in

1 financial markets.

2 That said, as Professor Hum mentioned,
3 there are things happening in the bigger world that may
4 cause them to take action and they may not be successful
5 in the short term and we're seeing that now where
6 inflation is -- is going above 3 percent, the Bank of
7 Canada is taking action and where that will lead is
8 really uncertain.

9 So in terms of the Bank of Canada's
10 ability to control inflation, it's done well in recent
11 years. It may be better at it than it ever was before.
12 We think so. But we don't know what's ahead and we know
13 that in the past at times inflation has gotten away in
14 spite of the Bank of Canada's best intentions.

15 MR. BYRON WILLIAMS: Thank you for that.
16 And probably back to you, Dr. Hum, I just didn't want Dr.
17 Simpson's throat to get too dry from -- from lack of
18 exercise.

19 MPI, as I understand, has suggested in --
20 in response to certain Information Requests that its
21 future investments and real estate and infrastructure
22 will essentially perform the same function as Real Return
23 Bonds as a hedge against inflation but with a higher
24 return.

25 How would you respond to that?

1 DR. DEREK HUM: Well, there is truth to
2 that but partial truth. I -- I always just simply skip
3 the first portion which is that, yes, but they're not
4 really having any real estate investments at the moment,
5 as I understand, this is their intention.

6 And -- and in my report I said, I
7 obviously cannot analyze the real estate portfolio
8 because there's nothing in it and I really don't know
9 what is going to be in it and I don't think anybody knows
10 at this point what the expected rate of return and what
11 the range of variation in their returns they will get
12 from their portfolio until we actually see it.

13 So we actually have to only appeal to what
14 we know about the real estate market and the rates of
15 return we get and real estate investment, in general,
16 which of course may or may not be the exact composition
17 that will be in the MPI portfolio. So I just don't know.

18 But on the issue of real estate in general
19 as an inflation hedge, I think two (2) comments could be
20 made: One (1) is that generally over the long run real
21 estate has been a bit of an inflation hedge because it
22 does keep -- is correlated with rising inflation more
23 than obviously bonds that is not.

24 The difficulty I still have with this
25 beyond the fact that I don't know what's in the real

1 estate portfolio, but let's suppose it's the best real
2 estate portfolio that one can imagine. All right?

3 I -- I will give them that. It's the
4 best, no one can do better. I do worry about it in a
5 portfolio the size of 2 billion that if this is going to
6 be their inflation hedging strategy, you again have to be
7 sensitive to what I call the proportions.

8 By asuing (phonetic) Real Return Bonds and
9 only nominal ones, you have 60 percent of your portfolio
10 exposed, if you like, to the contingency of high
11 inflation. But, you said I'm unprotected because I have
12 real estate. And real estate I believe is about 10
13 percent of the portfolio. Okay?

14 So bearing in mind that the proportions
15 are important, so that if inflation however defined by
16 MPI like say the CPI goes up, then in some sense to asue
17 (phonetic) Real Return Bonds for 60 percent of your
18 portfolio for a 1 percent increase in totally unexpected
19 inflation, you're asking your real estate portfolio
20 comprising 10 percent, 1/6th of that to compensate so
21 that it would have to go up by 6 percentage points in
22 order to -- to -- to allow that contingency to leave you
23 in a -- a -- a safe position. So that is one of the
24 concerns I have.

25 I don't disagree that real estate is a bit

1 of an inflation hedge because it does perform well. It's
2 correlated with inflation rates. When inflation becomes
3 very high our real estate generally tends to also
4 experience good rates of increase. It's not perfect but
5 it's good. But it's the weighting factor again.

6 I think throughout -- one of the messages
7 I'm trying to get is not rather the categorical presence
8 or absence of a particular financial instrument class.
9 What portfolio allocation is about is also the relative
10 weightings that you give to these because that's what
11 ultimately determines your rate of return and your risk.

12 I mean that's what modern portfolio theory
13 is. You're worried about the total return and the total
14 return is a weighted sum of the various asset classes you
15 have.

16 You're worried at risk. The risk while
17 it's not a weighted sum as a complex formula but it
18 involves the proportions as well of your portfolio that's
19 in the various asset class.

20 I mean, that can be mathematically shown
21 to be the case so I'm going -- I -- I ask you to take
22 that on trust. The proportions are important.

23 MR. BYRON WILLIAMS: Just a last couple
24 of points on this area. You mentioned correlation.

25 If I were to compare the correlation of

1 Real Return Bonds to inflation versus the correlation of
2 real estate, do you have any observations?

3 DR. DEREK HUM: Well the Real Return
4 Bonds will have a higher correlation because the
5 financial instrument is constructed that -- that way.

6 It doesn't say, well, if it goes up we may
7 give you more money. It's actually -- it's constructed
8 to give you the exact amount of money that compensate for
9 the amount that inflation has gone up over their
10 stipulated threshold.

11 MR. BYRON WILLIAMS: And just one last
12 question of followup.

13 DR. DEREK HUM: Oh, sorry.

14 MR. WAYNE SIMPSON: I was just going to
15 say on that point, you mentioned the -- the current
16 circumstances a moment ago and we now have inflation
17 higher, certainly above the 3 percent band. We don't
18 know where it's going.
19 But temporarily it's higher.

20 We have real estate in the major markets
21 in Canada - perhaps Winnipeg is an exception although I
22 think it's softening here too and Saskatchewan - but the
23 major markets in Canada real estate values are falling
24 and Real Return Bonds, well, they must be increasing
25 because they've indexed to inflation.

1 behavior, contents and correlation with anything else
2 that I've -- know about their asset mix, I know nothing
3 about.

4 So it would be rational to me to say that,
5 yes, what -- what if they invested in infrastructure
6 that's a white elephant and it's really a drag? On the
7 other hand, you know, they may do very well.

8 But it still doesn't alter my point that
9 the inflation protection offered by the not-yet-defined
10 real estate and infrastructure is still an insufficient
11 base to compensate for inflation that could be easily
12 obtained on the bond portion of the portfolio.

13 MR. BYRON WILLIAMS: At a very high
14 level, what would be your conclusions or recommendations
15 in this regard?

16 DR. DEREK HUM: My conclusion is to
17 repeat the exercise in rejecting Aon's recommendation
18 with respect to Real Return Bonds and consider them.

19 MR. BYRON WILLIAMS: Just -- we're going
20 to -- Mr. Chairman, we -- we should be finishing up in a
21 relatively short time. We have a couple more subject
22 matters I'd -- I'd like to get through and I think I
23 could take us profitably to the -- to the coffee break
24 and we -- and with your permission? I see you're --
25 you're nodding your head so I'm assuming that's okay.

1 Dr. Hum and Dr. Simpson, if you can just
2 back up a couple pages in your evidence to the heading Re
3 Universal Bonds versus Long Term Bonds, which is in the
4 bound version of page 7.

5 And I don't wish to spend a -- a lot of
6 time on this area, but Dr. Hum or Dr. Simpson, a very
7 high level, do you have any comments about the relative
8 merits of Long Term Bonds versus Universal Bonds --
9 Universal Bonds?

10 DR. DEREK HUM: I have comments in the
11 context of MPI and Aon. I -- I assume that's the intent
12 of the question?

13 MR. BYRON WILLIAMS: Yeah, not -- your
14 answer is going to be better than the question. I
15 appreciate that.

16 DR. DEREK HUM: Not whether these -- the
17 -- on this, I -- I agree with the Aon position, which is
18 that I prefer the Long Term Bonds as a strategy for MPI's
19 portfolio, although I was quick to add in my last
20 sentence the MPI position is defensible, however, if it
21 gives them greater comfort.

22 Because currently the spread is -- is --
23 is not very -- very much, and -- currently. So it is the
24 case normally over long periods, Long Term Bonds give a
25 slightly higher rate of return than Universal Bonds, so

1 since I assume they are both of the same risk class,
2 approximately, I prefer the higher rate of return.

3 Or in the language of Modern Portfolio
4 Theory, I can't see a perceptible increase in risk in
5 going to Long Term Bonds over Universal Bonds and I
6 prefer the higher rate of return.

7 MR. BYRON WILLIAMS: Just one other final
8 point on this area. You'll -- you'll agree with me that
9 you make some reference to the concept of laddering, or -
10 - in -- in your evidence on this page, sir?

11 DR. DEREK HUM: Yes, I did. And you want
12 to know the context?

13 MR. BYRON WILLIAMS: I -- I'm going to
14 ask the context, and I'll -- was this -- was this -- were
15 you recommending MPI adopt this, or was this kind of a
16 conceptual illustration?

17 DR. DEREK HUM: No. As I said, I'm not
18 making any recommendations. Not -- it was a conceptual
19 illustration.

20 You'll recall at the very beginning when
21 you asked me to characterize the new mix versus the old
22 mix, which was my mandate, I characterized the new mix as
23 a portfolio change, or re-allocation, that one would
24 expect from Modern Portfolio Theory to give a slightly
25 higher rate of return.

1 But -- I'm not sure how I phrased it, but
2 as I will pithily phrase it now, but at a slight cost of
3 decreased liquidity, because when it's fully implemented,
4 I think most people agree that real estate and
5 alternatives are not what you would call very liquid
6 financial instruments.

7 And liquidity is defined by an economist
8 as the ability to convert that asset to cash quickly and
9 without capital loss. It's not a feature that's common
10 to -- to real estate and infrastructure. It takes a lot
11 of time to sell real estate. It takes a lot of time to
12 sell infrastructure. And you may not get a -- a selling
13 price that -- that -- that's absent of capital loss. So
14 it's a liquid.

15 So I characterized the overall move as
16 going for a slightly higher return, but slightly
17 illiquid.

18 So, when I read the Aon report and its
19 recommendation for Long Term Bonds, which I supported, I
20 was confident that Aon did due diligence, and made sure
21 that the asset and liabilities were sufficiently matched
22 up and so that when they recommended these Long Term
23 Bonds, they could be held in Long Term Bonds. It
24 wouldn't be needed.

25 So therefore, my laddering suggestion was

1 framed in the sense that if, in fact, the concern or
2 discomfort with Long Term Bonds was the notion that,
3 well, maybe they're not as liquid as I would like them to
4 be and therefore I would wish Universal Bonds, my
5 suggestion of laddering was that this is one (1) way,
6 when fully implemented, you could also accommodate
7 liquidity as well by investing in Long Term Bonds.

8 This is not something a small investor
9 could do, but someone with a portfolio of \$2 billion,
10 it's -- it's quite practical to do.

11 MR. BYRON WILLIAMS: Thank -- thank you
12 for that answer, Dr. Hum. And this can go to either Dr.
13 Hum or Dr. Simpson, obviously.

14 In -- in terms of considering an optimal
15 portfolio, can you provide an example of what may --
16 might be defined as a constraint? Either of you.

17 DR. DEREK HUM: A lack of money would be
18 one (1). No, all kinds -- all kinds of constraints in
19 adopting a -- a portfolio.

20 If -- if I were to set out to design an
21 optimal portfolio, say for -- for me or for my wife, she
22 would give me all kinds of constraints, beyond the fact
23 that we don't have the money. She would say, I prefer to
24 invest only in Canada and the United States and
25 Australia. I don't want to invest in any place else.

1 And I might try to convince her that this
2 is not a good constraint but she suffers from some
3 excessive patriotic phobia - my wife's Australian, by the
4 way - but if she holds fast, and say, I want to do this,
5 I would accept that.

6 There are other kind of constraints which
7 may be regulatory, such as -- and there are some that are
8 basically prudence, and there are some, and I think these
9 are the ones I would like to concentrate on, that flow
10 from the principles of Modern Portfolio Theory.

11 And one (1) of them is: There are gains
12 to be had from diversification. So if someone said, My
13 constraint is I have to be entirely in one (1) country,
14 then I would basically say, That would be a very, very
15 severe constraint.

16 Economists often refer to problems like
17 this as programming problems. I hasten to add
18 programming does not mean computer program. It's a
19 mathematical area common to management science,
20 operations research and the programming problem is,
21 essentially, finding the optimal allocation of resources.

22 A programming problem is not really
23 considered well specified if you don't give the list of
24 constraints. And the wonderful thing about the
25 discipline of programming

1 -- I won't bore you with the technical details, it
2 calculates what we call mathematically legronge
3 (phonetic) multiplier or in common parlance call them
4 shadow prices.

5 And what this discipline exercise does for
6 you is to say, first of all, of all the constraints that
7 you've given me, which ones are actually binding and
8 which ones are not. The non binding constraints tend to
9 be not worrisome so we don't worry about it, okay. So if
10 someone says one of my binding constraints is that I've
11 got to have at least ten dollars (\$10) in the Canadian
12 market. I can put it in my model but will probably not
13 be binding in a portfolio of 2 billion.

14 On the other hand, if someone says I don't
15 want any foreign equities, put that in the model, the
16 programming model - remember this is mathematics, it's
17 not computer programming - would calculate something
18 called a shadow price. The interpretation of the shadow
19 price, generically in mathematics, is the change in your
20 objectives for a small relaxation of that binding
21 constraint.

22 So in this particular case it would be
23 perhaps the change in your rate of return or risk if this
24 constraint were relaxed a little bit. In other words, if
25 you were to allow me to invest in foreign equities, you

1 take away that constraint, what would be the change in
2 your rate of return?

3 So, in other words, rather than half a
4 problem in which calculating the optimal portfolio is
5 actually half of the problem, where I simply give you the
6 menu of efficient portfolios, the programming formulation
7 which -- into which the Modern Portfolio Theory is
8 embedded actually tells you what is the cost to you of
9 the constraints that you've given me.

10 Now, some of these constraints you can't
11 do anything about. Such as we have to work with the
12 Department of Finance. Okay. But if you say some of
13 them maybe it's -- well, maybe you ought to know the cost
14 of not having Real Return Bonds. Maybe you ought to know
15 the cost of not having more than 3 percent foreign. I
16 mean, this is what you would calculate.

17 MR. BYRON WILLIAMS: Okay, thank you for
18 that. And with some trepidation and we'll do this
19 quickly but I'm going to move into an area that I'm going
20 to suggest is not your -- your area of expertise but it -
21 - we're going to --

22 DR. DEREK HUM: Wayne's going to answer
23 these questions then.

24 MR. BYRON WILLIAMS: Dr. Hum or Dr.
25 Simpson, at a very high level, are you aware that as a

1 consequence of relatively recent accounting rule changes
2 there are different implications flowing to the net
3 income line from the designation of certain assets in the
4 MPI portfolio as held to maturity or available for sale
5 or held for trading?

6 Are you aware, at a very high level, of
7 that reality?

8 DR. DEREK HUM: We were not aware at the
9 time we authored the report but since then, we have been
10 made aware and we are now aware.

11 MR. BYRON WILLIAMS: Okay. And again,
12 recognizing you're not professing any expertise in this
13 area, you're -- you're aware, for an example, that
14 unrealized capital gains in an asset designed as --
15 designated as held for trading might flow through to the
16 net income line while unrealized gains in an asset
17 designated as available for sale will -- will flow
18 through to the other comprehensive income line at a high
19 level?

20 DR. DEREK HUM: We were not aware of that
21 at the time we wrote the report but we have since been
22 made aware of that and we are now aware of that.

23 MR. BYRON WILLIAMS: And you're also
24 aware that assets designated as held to maturity, a
25 report on their book -- on their book rather than -- than

1 their market value?

2 DR. DEREK HUM: Yes. The same answer as
3 before.

4 MR. BYRON WILLIAMS: Given this
5 accounting reality, is there the potential, or
6 possibility, that there will be a different return and
7 variability reflected on the net income line on the
8 balance sheet than was calculated through the optimal
9 portfolio?

10 DR. DEREK HUM: Very definitely, yes.

11 MR. BYRON WILLIAMS: I want to turn to
12 your evidence --

13 DR. DEREK HUM: You -- you didn't want an
14 answer, you just want --

15 MR. BYRON WILLIAMS: If you want to
16 elaborate --

17 DR. DEREK HUM: No, no. No, I -- I was
18 waiting for the follow up, which was: Explain to me. It
19 doesn't matter.

20 MR. BYRON WILLIAMS: We're going to go to
21 the -- a revenue stabilization suggestion, which should
22 appear in the bound version on or about page 12, and
23 specifically I'm turning to Table 2, which is titled --
24 which should be in the bound version at page 13,
25 Examination of the Volatility of Total Expenses versus

1 Investment Income, 204 through 208.

2 DR. DEREK HUM: I have it.

3 MR. BYRON WILLIAMS: Okay. At a high
4 level, Dr. Hum and Dr. Simpson, I wonder if you can
5 discuss the point that you're making with this table, in
6 terms of the relative fluctuation in investment income
7 over the past four (4) years.

8 DR. DEREK HUM: I think the point we were
9 trying to make, and we only were able to get from our
10 information data for those years, is that if you look at
11 investment income and its magnitude over those four (4)
12 years, it's in the order of 108/109 million.

13 The total expenses for those same years
14 averaged about 92 million, so, we picked total expenses
15 because it was convenient and easily obtainable. There's
16 -- there's no particularly economic theory behind why one
17 would compare these two (2) columns. One could compare
18 it with anything else that one thought appropriate.

19 But our point was this: The relative
20 magnitude of total expenses and investment incomes are
21 about the same, which we interpret as speaks to the
22 importance of investment income, and why it would be very
23 nice to have a portfolio that continues to generate high
24 levels of investment income and, hopefully, with a very
25 low variability.

1 We also were struck by the fact that the
2 variability in these two (2) magnitudes are dissimilar,
3 even though they have the same approximate level.

4 By way of illustration, we thought it
5 cumbersome to try to calculate a variance, or standard
6 deviation, with four (4) years of data.

7 The investment income has a range from
8 seventy-seven (77) to a hundred and forty-five (145).
9 The total expenses has a range between eight-five (85)
10 and one hundred (100) -- or ninety-nine (99).

11 So you can see, and I hope without
12 esoteric statistics, that investment income has a higher,
13 what we would call, range of variation.

14 That was the point we were trying to make
15 with that table, and then having made those points, if
16 they are worth observing and exploring, we suggested,
17 very briefly, how one might mitigate the volatility of
18 investment income in order to align it with the range of
19 variation that one would perhaps expect to be reviewed in
20 total expenses.

21 MR. BYRON WILLIAMS: Okay, and I -- I
22 thank you for that. Now one (1) -- one (1) point I just
23 wanted -- or moving along from your analysis, and
24 accepting that you've looked at recent history.

25 In -- in terms of moving out in -- in the

1 future towards the MPI's proposed target range, in terms
2 of the volatility of the investment income stream what,
3 if any, observations might you make about the move to a
4 higher allocation to equities proposed -- not a higher
5 allocation actually, a higher allocation to alternative
6 investment vehicles on your two (2) -- your basis?

7 I guess what I'm asking is: The -- the
8 new portfolio proposed --

9 DR. DEREK HUM: More.

10 MR. BYRON WILLIAMS: -- more volatility?

11 DR. DEREK HUM: Well, the new portfolio
12 didn't significantly increase equities. It -- it reduced
13 bonds, and allocated -- if that's the right term -- it --
14 it didn't -- it didn't take the bonds and put it there,
15 but the resulting allocation is not much change in
16 equities, but a reduction in bonds, but then, an
17 expansion in this new category called Alternative. Not a
18 new category, but a greatly enlarged presence in the new
19 category of real estate and infrastructure, the details
20 of which I do not know what will be in those portfolios.

21 MR. BYRON WILLIAMS: So you're suggesting
22 more volatility. Is that possible or a reasonable
23 expectation?

24 DR. DEREK HUM: I think -- I think there
25 would probably be consensus that there will be more

1 volatility because there is a lesser emphasis on bonds
2 moving into a category, the details of which we do not
3 know much, but historically a category that is subject to
4 greater volatility than is typically historically
5 experienced with bonds.

6 So, I mean, I'm not trying to be -- to
7 prevaricate but you're asking me to comment on the
8 volatility of a box containing things that nobody's put
9 anything in the box for me to see yet, so.

10 MR. BYRON WILLIAMS: Now just turning to
11 your evidence, the next page, page 14, I'm going to
12 suggest that you offer some comments at a conceptual
13 level in terms of how one might theoretically address the
14 issue of investment revenue stability.

15 Do you agree with that?

16 DR. DEREK HUM: Yes, that's the -- that
17 was the intent.

18 MR. BYRON WILLIAMS: So just going to the
19 intent, is this a complete plan of what you might
20 recommend if -- if the Board thought the area was worthy
21 of further exploration or is it a kind of a high-level
22 look at the concept of levelizing investment income.

23 DR. DEREK HUM: Well, it's a -- it's an
24 extremely high level recognisance look from a U2 plane.
25 If it were a detailed plan on the ground, the volume of

1 paper would be three (3) times this. So, yes, it's a
2 very high-level look.

3 THE CHAIRPERSON: Is it that high, Dr.
4 Hum? Is this not what the universities do with their
5 endowment funds to maintain the stream of income going to
6 scholarships and bursaries?

7 DR. DEREK HUM: I'm -- I'm sorry, I can't
8 -- I'm sorry, could you repeat that, sir?

9 THE CHAIRPERSON: This ideas of draws off
10 the investment fund to address the volatility, is this
11 not exactly what universities do from their endowment
12 funds to maintain the stream for bursaries and
13 scholarships?

14 DR. DEREK HUM: Okay. I can answer that
15 from a -- they do that in part but as a -- as I am on the
16 finance committee of St. John's College, we don't have
17 the same problem that is faced by MPI for a very good
18 reason.

19 Our endowments and our scholarships are
20 phrased in such a way, this may be -- maybe an economist
21 drafted this rather than a lawyer, that the sum of the
22 scholarships is defined to be the investment earnings
23 from that trust fund in the previous two (2) years or so.
24 So, therefore, the value of the award varies with the
25 performance of the portfolio.

1 So we will never be in a position where we
2 would not be able to give the fellowship. It's just that
3 the amount of the award varies. So we -- we don't
4 actually face that problem.

5

6 CONTINUED BY MR. BYRON WILLIAMS:

7 MR. BYRON WILLIAMS: I believe Dr.
8 Simpson might have some comments.

9 DR. WAYNE SIMPSON: Yes. Yeah, I -- I
10 think that to reinforce the point that the -- the Board
11 is making is that there are kind of two (2) possible
12 models here: One is one in which the St. John's model,
13 for want of a better term, in which you basically say,
14 whatever you get you spend; and the other model is one
15 which says that over time we have -- we are able to
16 expect a certain level of income with a substantial
17 volatility and we're going to design a scholarship that
18 will guarantee the student a certain amount of income.
19 And that's precisely the -- the flavour of the
20 recommendation that is in our -- our report, yeah.

21 So that's a very good -- a very good
22 example of exactly what we had in mind.

23 MR. BYRON WILLIAMS: And just continuing
24 on the line of real world analogies for a second, Dr.
25 Hum, I think in your evidence, at least in a footnote,

1 you -- you drew analogies to a fixed amount annuity.

2 Can you just help us with -- with that
3 analogy as well, sir?

4 DR. DEREK HUM: Remember, analogies or
5 metaphors are never perfectly exact, okay. But if -- if
6 -- I approached it this way: You're concerned with an
7 optimum portfolio. You go to all this effort and you are
8 told that if you invest in this way, you will get this
9 rate of return on an expected basis but you will have to
10 suffer the consequences of this level of risk of
11 volatility. You've chosen, you've accepted that, okay.

12 Everybody would like to have higher rate
13 of return/lower risk but that's just not feasible. So
14 you've made your decision and you lived with it. So that
15 tells me, unless there's a severe amount of cognitive
16 dissidence, you are happy with that rate of return,
17 expected rate of return year after year after year.

18 Well, if you are happy with that then why
19 not in order to insulate the volatility of the portfolio
20 from the balance sheet considerations of a yearly
21 investment income for operating, arrange to take that?

22 Now, people who often don't have that kind
23 of discipline or have a distaste for that, in the past
24 have always said in an annuity - and that was my analogy
25 - here's the money, I'm sorry, I don't have more wealth

1 and I would like a 20 percent rate of return. And they
2 say no, you can't have that.

3 But, what we can do is we have calculated
4 this is the amount of income we can give you on a level
5 basis year after year which is sustainable and that might
6 be useful to helping you for budgeting and consumption
7 planning. And a lot of people say I like that. I like
8 that. So the fluctuations that would occur in the
9 portfolio is behind the screen, it's hidden. But they
10 have the steady flow.

11 And my attempt was to trade on this
12 analogy, the desire perhaps I'm wrong for steady income,
13 not volatile income, that it's very easy to devise a
14 mechanism in which you self stabilize your investment
15 income that you know is going to vary year by year
16 according to the vagaries of the investment atmosphere
17 and context.

18 So if -- if you don't like this, spend
19 what you make this your model; if that's not your
20 preference then this is another high level mechanism to
21 think about to explore.

22 As I said, I did not try to work out
23 chapter and verse in detail because, obviously, if -- if
24 the model is not really desired or wanted it, why would I
25 go to all that trouble. But it's something I offer as a

1 suggestion.

2 MR. BYRON WILLIAMS: Is there anything
3 more you want to add on this specific suggestion, Dr.
4 Hum?

5 DR. DEREK HUM: Wayne might.

6 DR. WAYNE SIMPSON: I don't think there's
7 anything more complicated here than the standard problem
8 that people more and more face when they accumulate a
9 pension fund for themselves because more and more the
10 defined contribution plans generate a -- a pot of money.

11 And the question then is: How do I want
12 to take that money and when you go to see financial
13 advisors they say, well, you have several options, one
14 of which, is essentially to spend the money as you, you
15 know, receive it within the restriction or constraints
16 that the -- that the legislation, the pension legislation
17 places on that.

18 And the other one is to draw an annuity.
19 And annuity is designed in a fashion that will allow you
20 to draw a certain amount of money every year to your
21 expected death without -- without exhausting the fund.

22 And it -- those kinds of designs are
23 certainly feasible in the context of -- of the investment
24 fund that's here.

25 MR. BYRON WILLIAMS: Mr. Chairman, I have

1 one (1) further question of clarification that I -- I
2 want to -- to do and then I think I can -- I can close
3 the direct examination.

4 If I might have one (1) minute with --
5 with the witnesses?

6 THE CHAIRPERSON: Yes, sure.

7

8 (BRIEF PAUSE)

9

10 CONTINUED BY MR. BYRON WILLIAMS:

11 MR. BYRON WILLIAMS: And, Mr. Chairman,
12 this is just a question of clarification for Dr. Hum.

13 Dr. Hum, in your direct you -- you may
14 have stated that the -- the international equities were -
15 - were not modelled. I'm going to refer you just to the
16 evidence of -- of -- and the Board does not need to turn
17 there, but to the evidence of -- or the report of Aon
18 page 16, the third bullet at the top.

19 And, Dr. Hum, is -- is it your
20 understanding that in terms of international equities
21 what Aon did in terms of its equity structure
22 optimization analysis was to set 100 percent of the
23 foreign equity allocations to US equities with
24 international equities not included in the optimal
25 portfolios?

1 DR. DEREK HUM: That's my understanding.
2 I would take this on faith. And if I said something
3 different, then I misspoke.

4 MR. BYRON WILLIAMS: Okay. Your mic
5 wasn't on, --

6 DR. DEREK HUM: Okay.

7 MR. BYRON WILLIAMS: -- it is now though.
8 It's okay. If you can just repeat --

9 DR. DEREK HUM: Oh, okay. Having had
10 this brought to my attention, I'm aware that that's what
11 they did.

12 Let me read this:

13 "They have sent 100 percent of the
14 foreign equity allocation to US equity.
15 International equities are not included
16 in the optimal portfolio."

17 If I gave an impression that they did
18 other than what Aon wrote that they did, I'm sorry.

19 MR. BYRON WILLIAMS: Mr. Chairman, thank
20 you for this. This closes the direct examination of
21 CAC/MSOS. I neglected to note that Ms. Desorcy was in
22 the back studiously taking notes as she has been for much
23 of the Hearing.

24 And my client -- or my witnesses are ready
25 for cross-examination, although they would appreciate a -

1 - a brief -- brief rest break.

2 THE CHAIRPERSON: Okay, we will have a
3 break, and we will come back with Mr. McCulloch. Thank
4 you.

5

6 --- Upon recessing at 10:42 a.m.

7 --- Upon resuming at 11:04 a.m.

8

9 THE CHAIRPERSON: Okay. Welcome back
10 everyone. Mr. McCulloch, it's your time at bat.

11

12 CROSS-EXAMINATION BY MR. KEVIN MCCULLOCH:

13 MR. KEVIN MCCULLOCH: Thank you, Mr.
14 Chairman. In the initial stages, gentlemen, I would like
15 to lead you through certain pages, and -- and references
16 in your report.

17 And the first is under the introduction,
18 and I'll again try to refer to headings because page
19 numbers are not exactly the same from copy to copy, but
20 under the introduction, you -- and throughout the report
21 -- you bring in recommendations from the Mercer report --
22 the Mercer asset liability modelling study which was done
23 over five (5) years ago.

24 Is that your understanding as to when it
25 was done?

1 DR. DEREK HUM: Yes.

2 MR. KEVIN MCCULLOCH: And would you agree
3 with me that a study done in 2008 would be more current
4 and would reflect current study -- or sorry, current
5 conditions more than a study that was done five (5) years
6 ago?

7 DR. DEREK HUM: As a general rule, yes.

8 MR. KEVIN MCCULLOCH: Moving down in that
9 introduction, it -- at number 3, you talk about selected
10 aspects of the portfolio -- portfolio mix, and that -- to
11 determine whether the current portfolio is efficient, and
12 you say that the -- the study does not assess whether MPI
13 should take more or less risk.

14 Just on that whole question of efficiency,
15 I presume you're both familiar with -- with a term that I
16 recently learned, and that is, the "efficient frontier"?

17 DR. DEREK HUM: Yes.

18 MR. KEVIN MCCULLOCH: And I'd like you,
19 if you would, to turn to page 70 of the Aon report, and I
20 ask the good graces of your counsel to -- to provide you
21 with that -- that document.

22

23 (BRIEF PAUSE)

24

25 DR. DEREK HUM: Geez, I can't see that.

1 Okay, we'll see what the question is.

2 MR. BYRON WILLIAMS: And Mr. McCulloch,
3 just --

4 DR. DEREK HUM: This is not in colour,
5 okay. Remember that.

6 MR. BYRON WILLIAMS: Do you have colour?

7 DR. DEREK HUM: No, I don't have colour
8 here.

9 MR. BYRON WILLIAMS: -- Mr. McCulloch,
10 I'll just see if I can get my --

11 DR. WAYNE SIMPSON: Well, okay. Stick
12 with grey, white and black we're okay.

13 MR. BYRON WILLIAMS: We'll just see if we
14 can get Dr. Hum a colour version. He's got some visual
15 issues so if you'll just bear with us for a second.

16 MR. KEVIN MCCULLOCH: Certainly.

17 DR. DEREK HUM: You answer those.

18 MR. BYRON WILLIAMS: I apologize. Please
19 proceed.

20

21 CONTINUED BY MR. KEVIN MCCULLOCH:

22 MR. KEVIN MCCULLOCH: Now I wonder, sirs,
23 if you could confirm my assumption, and my understanding
24 rather, that all of those yellow boxes, the various
25 portfolios running from 1 to 21 are all on the efficient

1 frontier and would be termed optimal.

2 Is that your understanding as well?

3 DR. DEREK HUM: That's the envelope,
4 right? I'm only cautious because I want to make sure I
5 really see this quite well. But if the yellows --
6 where's the yellows, they're on the frontier so,
7 therefore, they're all efficient from -- on the efficient
8 portfolios.

9 MR. KEVIN MCCULLOCH: And -- and by the
10 key at the bottom it shows the -- the yellow squares
11 optimal portfolios.

12 DR. DEREK HUM: Okay. Then that -- yes.

13 DR. WAYNE SIMPSON: The only qualifier
14 that the immediately occurs to us is that this is -- this
15 is a set of portfolios that they considered so,
16 obviously, there may be other possibilities that haven't
17 been considered.

18 But within those that they considered,
19 this would be the optimal set by definition, yeah.

20 MR. KEVIN MCCULLOCH: And in fact, would
21 you not agree from reading the report that they
22 considered many other portfolios but only reported on the
23 ones that met the efficient frontier in this chart.

24 DR. DEREK HUM: I'll take that.

25 MR. KEVIN MCCULLOCH: For example, the

1 term "portfolio universe" with all the blue, whatever
2 that -- diamonds or triangles, are other portfolios that
3 were considered in the report.

4 DR. WAYNE SIMPSON: Yes.

5 MR. KEVIN MCCULLOCH: And if you look at
6 Portfolio Number 11, you'll see a small blue triangle
7 just below that and that represents, according to the
8 chart, the modified mix Number 11.

9 Is that correct?

10 DR. DEREK HUM: That's what the chart
11 indicates, yes.

12 MR. KEVIN MCCULLOCH: And are you aware
13 that modified Portfolio Number 11 is the portfolio that
14 was selected by MPI?

15 DR. DEREK HUM: Yes.

16 MR. KEVIN MCCULLOCH: And you'd agree
17 with me, sir, that while it's not exactly on the
18 efficient frontier it's fairly close?

19

20 (BRIEF PAUSE)

21

22 DR. DEREK HUM: I don't want to be
23 difficult but it's not on the frontier I'd agree with;
24 characterization of close if that is the distance you
25 want to say close, it's close.

1 But there are closer ones and there are
2 some that are not as close. I'm not trying to be
3 difficult. This is -- I'm a mathematician, I like
4 precision. It's not on the frontier. Unambiguously I
5 agree. It is not the closest of all others. I'm really
6 not trying to be difficult.

7 MR. KEVIN MCCULLOCH: No, and you've
8 given the admission that -- assuming that you have an
9 understanding of what I mean by close, that it is close
10 to the efficient frontier but not on it.

11 And from that point of view Modified
12 Number 11 is sub optimal as opposed to optimal.

13 DR. DEREK HUM: You said that exactly.

14 MR. KEVIN MCCULLOCH: One other point on
15 the Introduction Number 5, you say:

16 "We also assume that MPI does not have
17 the option of having its investment
18 portfolio managed by private sector
19 professionals."

20 Are you aware, sir, that in fact the
21 equity portfolios are managed by private sector managers?

22 DR. DEREK HUM: I am. Two (2) things, I
23 also understand now that there is no equity manager
24 currently. Am I correct? But in any case this statement
25 was the total portfolio, the total portfolio.

1 MR. KEVIN MCCULLOCH: Well, that's just--

2 DR. DEREK HUM: The total portfolio -- or
3 may be unambiguous -- I mean, the entire something like 2
4 billion dollars.

5 MR. KEVIN MCCULLOCH: So you're -- you're
6 not challenging the -- the -- the position that the
7 equity portion or some of the equity portion of the
8 portfolio is managed by private-sector managers?

9 DR. DEREK HUM: No, no, not a -- not at
10 all.

11 MR. KEVIN MCCULLOCH: But the bond
12 portion is certainly managed by the Department of Finance
13 and that's generally been the evidence not only this year
14 but of previous years. Is that correct?

15 DR. DEREK HUM: I've been given that
16 understanding, yes.

17 MR. KEVIN MCCULLOCH: Well, let's take
18 your understanding a step further. In your research and
19 -- and in your work on this, on this study, and I'm just
20 going to ask you: Can you give me an indication as to --
21 to how long it took you to perform this study?

22 DR. DEREK HUM: Help me out. When --
23 when did we get the --

24 MR. KEVIN MCCULLOCH: Well, just weeks --

25 DR. DEREK HUM: I want to give an exact

1 answer. When -- let's say two (2) months. I mean, off
2 and on.

3 MR. KEVIN MCCULLOCH: All right.

4 DR. DEREK HUM: With August -- August,
5 September, October --

6 MR. BYRON WILLIAMS: And Mr. McCullouch
7 we'll -- I -- I don't think you need a precise answer,
8 but we -- we'll certainly undertake to -- just to make
9 sure if Dr. Hum wishes to refine his answer, we'll share
10 that with you, okay.

11 MR. KEVIN MCCULLOCH: That would be fine.

12

13 --- UNDERTAKING NO. 33: If Dr. Hum wishes to refine
14 his answer, to so advise re
15 how long it took to perform
16 the study

17

18 CONTINUED BY MR. KEVIN MCCULLOCH:

19 MR. KEVIN MCCULLOCH: In listing the
20 materials that you looked at as part of your study, I
21 didn't notice any reference to the MPIC Act.

22 Did you -- did you look at the MPIC Act?

23 DR. DEREK HUM: I did look at the MPIC
24 Act but I didn't list it there.

25 MR. KEVIN MCCULLOCH: Okay. And in

1 particular, sir, did you look at Section 12 of the MPIC
2 Act and I'll --

3 DR. DEREK HUM: I don't recall the number
4 of the Act -- the number of the section.

5 MR. KEVIN MCCULLOCH: Well, let me
6 provide you with -- with some copies through your
7 counsel. And in particular I'd -- I'd direct your
8 attention to Section 12(1) and 12(2).

9

10 (BRIEF PAUSE)

11

12 MR. KEVIN MCCULLOCH: Now in 12(1), the
13 section reads that

14 "The Corporation shall pay to the
15 Minister charged with the
16 administration of the Financial
17 Administration Act, for investment,
18 money in any reserve established under
19 Section 19 of the Act, and such
20 additional monies as are not
21 immediately required for the purposes
22 of the Corporation and are available
23 for investment.

24 And what I would suggest to you, sir, is
25 that that section clearly puts the Minister of Finance in

1 charge of MPI's investment portfolio. Would you agree?

2 DR. DEREK HUM: I'd give my
3 interpretation, but I'm not going to agree with a legal
4 text, because I am not a lawyer. But --

5 MR. BYRON WILLIAMS: Just, Mr. McCulloch,
6 if you're -- certainly we want -- we wish to be
7 cooperative and -- and you can -- I -- I think you have
8 the witness's answer. He understands the Department of
9 Finance manages the portfolio.

10 The -- you -- you might get a concession
11 from me on that point, but in terms of Dr. Hum, I think
12 you're asking him to move a little bit -- in terms of
13 interpreting the statute a little bit beyond what we
14 brought him here for.

15

16 CONTINUED BY MR. KEVIN MCCULLOCH:

17 MR. KEVIN MCCULLOCH: Would you agree
18 with me, Dr. Hum, that the governance of the investment
19 portfolio is an important factor in determining the
20 makeup of the portfolio?

21 DR. DEREK HUM: Yes.

22 MR. KEVIN MCCULLOCH: So then would you
23 also agree with me that if the authority over the
24 portfolio rests with the Department of Finance, many of
25 the decisions with respect to the portfolio are in the

1 governance of the Department of Finance?

2 DR. DEREK HUM: You have to break it
3 down. I'm not sure I understand the question.

4 If you're saying that the Department of
5 Finance calls the final shots or has the final authority,
6 then I would agree that that is the interpretation I
7 have.

8 MR. KEVIN MCCULLOCH: Okay. Well, let's
9 assume that that's correct, that the Department of
10 Finance calls the shots.

11 DR. DEREK HUM: Or government then.

12 MR. KEVIN MCCULLOCH: Or Minister of
13 Finance, which ever. Would you agree with me that many
14 of the comments in your report where you talk about
15 comfort, MPI being comfortable with this investment,
16 we're comfortable with that investment, that the comfort
17 may, in fact, rest outside the Corporation and with the
18 Department of Finance?

19 DR. DEREK HUM: That may very well be
20 true. I used the word "comfort," if you read my report,
21 in quotation marks and I believe I actually used the word
22 "comfort," - it is not my normal terminology by the way -
23 because I can't give you the exact page now, but I do
24 recall that it was the term used by an official of MPI in
25 explaining their position on investments about where they

1 would...

2 Yeah, I used -- I put it definitely in
3 quotation mark and I -- I recall blurring that phrase
4 when going over the testimony in which some MPI official
5 responding saying they weren't comfortable with a certain
6 position that was recommended by Aon.

7 And I -- I accept the use of the word
8 "comfort". It's not my term.

9 MR. KEVIN MCCULLOCH: All right. Let's
10 move then to Section 12(2). And, again, I'm not looking
11 for a legal interpretation from you but I would suggest
12 that on a normal reading of that section that states
13 that:

14 "Monies that are paid to the Department
15 of Finance under subsection (1) are to
16 form part of the consolidated fund and
17 invested in accordance with the
18 Financial Administration Act."

19 Do you see that?

20 DR. DEREK HUM: Yes, I do.

21 MR. KEVIN MCCULLOCH: And would you agree
22 with me that that might, depending on what's in the
23 Financial Administration Act, put some constraints on
24 where the portfolio is invested?

25 DR. DEREK HUM: It could. I'll take --

1 I'll take your word that there are things in the
2 Financial Administration Act that could be interpreted,
3 so.

4 MR. KEVIN MCCULLOCH: Well, rather than
5 take my word, let's take a look at a section of the
6 Financial Administration Act and, again, I'll ask your
7 counsel's indulgence in passing over a few copies and, in
8 particular, I direct you, sir, to Section 27 sub (2).

9 And in that section I would suggest that
10 it lists the assets in which public monies or the
11 securities in which public monies can be invested, and
12 it's quite specific in (a) through (e) and then includes
13 at the end a catch-all that says:

14 "Securities authorized by or belonging
15 to a class authorized by the Lieutenant
16 Governor in Council,"

17 do you see that?

18 DR. DEREK HUM: Yes, I do.

19 MR. KEVIN MCCULLOCH: And do you read
20 that section as being quite specific in the types of
21 assets or investments that public money can be invested
22 in?

23 DR. DEREK HUM: I -- I see it as a list.
24 I wouldn't call it overly restrictive or permissive. It
25 is a list.

1 I mean, securities issued by the
2 government or a government agency is a very broad
3 category. The Government of Canada or Provinces of
4 Canada is a very broad category. The governmental country
5 other than Canada or a government of a political
6 subdivision of a country other than Canada, I mean, that
7 could be almost the rest of the world, a financial
8 institution is broad.

9 I mean, I -- I understand the -- the
10 intent of the legislation but I wouldn't call it explicit
11 in the sense of being a guide for choosing equity or
12 financial instruments except in a broad sense.

13 MR. KEVIN MCCULLOCH: Well, let's look at
14 subsection (e), where it talks about securities of a
15 corporation which are rated in a high-rating category by
16 a securities rating institution or Canada or the United
17 States, and that is recognized as such by the investment
18 industry in Canada or the United States.

19 Does that not reflect a constraint on the
20 type of investment that might be available?

21 DR. DEREK HUM: It is a constraint in the
22 sense that the Corporation must be rated.

23 MR. KEVIN MCCULLOCH: And might that be a
24 constraint, for example, if the Corporation decided that
25 it wanted to invest in companies on the Brazil, Russia,

1 India or China exchange?

2 DR. DEREK HUM: If it's not rated by a
3 rating agency or an institution in Canada or the United
4 States that would be, yes.

5 But there are corporations not resident in
6 Canada and the United States that are rated by rating
7 institutions.

8 MR. KEVIN MCCULLOCH: And there are
9 others which are not, is that correct?

10 DR. DEREK HUM: That's right. That's
11 right. I -- I -- I can see at the very beginning I'm not
12 making suggestions for stock choices.

13 MR. KEVIN MCCULLOCH: I don't believe I
14 was asking you to, sir. I was just asking you whether
15 you saw those as potential constraints for the portfolio.

16 DR. DEREK HUM: Of course they are. All
17 of this legislation represents potential constraints for
18 the portfolio.

19 MR. KEVIN MCCULLOCH: Now I want to refer
20 you to the first table that you prepared, the four (4)
21 portfolio mixes for MPI.

22 DR. DEREK HUM: Mm hmm.

23 MR. KEVIN MCCULLOCH: My first question,
24 sir, is would you not agree that the portfolio mix that
25 you show as coming from the Aon report and the one from

1 the Mercer report are really quite diverse?

2 DR. DEREK HUM: They're different.
3 They're different, yes.

4 MR. KEVIN MCCULLOCH: Well let's look at
5 the Public Equity Provisions. The Aon report has a total
6 recommendation of 10 percent for Public Equity while the
7 Mercer report had a 25 percent recommendation.

8 Would you not agree that that's a
9 significant change?

10 DR. DEREK HUM: Yes. I believe that is.

11 MR. KEVIN MCCULLOCH: And when you look
12 at the -- deleting the Canadian equity from that Public
13 Equity, if you just look at what was referred to I
14 believe by yourself as foreign equity which includes US
15 and foreign equity, the Mercer recommendation is 7
16 percent and the MPI new target is 8 percent.

17 Is that correct?

18 MR. BYRON WILLIAMS: Mr. McCulloch --

19 DR. DEREK HUM: No, no, you said Mercer.
20 Did you mean Aon?

21

22 CONTINUED BY MR. KEVIN MCCULLOCH:

23 MR. KEVIN MCCULLOCH: Sorry, I meant Aon.

24 DR. DEREK HUM: Okay, so, yes. Yes. If
25 you meant Aon then I agree. If you meant Mercer, then I

1 don't.

2 MR. KEVIN MCCULLOCH: Obviously Mercer's
3 recommending 15 percent in that combined --

4 DR. DEREK HUM: Yes.

5 MR. KEVIN MCCULLOCH: -- foreign equity
6 portfolio.

7 DR. DEREK HUM: Yes, yes, I agree.

8

9 (BRIEF PAUSE)

10

11 MR. KEVIN MCCULLOCH: In his evidence
12 given a couple of days ago, the author of the Aon report,
13 Jeremy Bell, confirmed that, in his view, it was
14 appropriate for an institution that had received an asset
15 liability modelling study to -- to apply some discretion
16 and to make some choices.

17 Would you agree with that?

18 DR. DEREK HUM: I would agree with that.

19 MR. KEVIN MCCULLOCH: So you wouldn't
20 expect a company to blindly follow the recommendation of
21 Aon or even Mercer?

22 DR. DEREK HUM: Absolutely not.

23 MR. KEVIN MCCULLOCH: I want to move to
24 page -- sorry, I won't do a page number. I want to move
25 to the heading Re Segregating Pension Assets and

1 Liabilities.

2 Now as I understand this, it -- it's your
3 position that with a defined benefit pension plan there
4 is no need to -- to segregate assets and liabilities.

5 Is that a fair representation?

6 DR. DEREK HUM: I wouldn't say there's no
7 -- there's no imperative. You -- You may want to
8 segregate them for other reasons but no imperative. No
9 legislative imperative.

10 MR. KEVIN MCCULLOCH: And am I correct in
11 assuming that in a defined contribution plan your answer
12 would be very different?

13 DR. DEREK HUM: Yes, it would be.

14 MR. KEVIN MCCULLOCH: And you are aware,
15 are you, that Manitoba Public Insurance is a participant
16 in the civil service superannuation plan?

17 DR. DEREK HUM: Yes, I am and its pension
18 plan is a defined benefit plan.

19 MR. KEVIN MCCULLOCH: Moving a little
20 further on in your discussion on segregated pension
21 assets and liabilities, you, in the -- in the paragraph
22 that starts off, "Nonetheless I observe," you then make a
23 comment or remark, you say:

24 "(a) the assertion concerning the
25 similarity of the optimal portfolio mix

1 for the pension and non-pension
2 segments is debatable."

3 What assertion are you speaking about there?

4 DR. DEREK HUM: I can't give you the
5 reference. I recall, in all of the voluminous testimony
6 that I wrote, someone from MPI saying that the portfolio
7 mix, he or she thought for the pension and non-pension
8 segments would be not much different. As an academic I
9 should be chastised for not having that reference but I'm
10 willing to speak to the substance of that assertion but I
11 can't give you right now who said that....oh, thank you.

12 MR. BYRON WILLIAMS: And -- and just --

13 DR. DEREK HUM: If you -- you bear with
14 me, sir.

15 MR. BYRON WILLIAMS: And just, it is
16 referenced --

17 DR. DEREK HUM: It --

18 MR. BYRON WILLIAMS: -- in your evidence.

19 DR. DEREK HUM: It is -- it is your
20 number PUB/MPI 1/12, your response and just -- I got to
21 read this now.

22

23 (BRIEF PAUSE)

24

25 DR. DEREK HUM: Okay. Here's -- I will

1 read the whole paragraph or just a relevant paragraph?

2 Okay, I will read the whole thing, just to...

3 "The Corporation has chosen not to
4 adopt a separate investment portfolio
5 and investment policy for its pension
6 assets because these assets are
7 relatively small compared to the
8 Corporation's insurance assets. The
9 benefit to developing a unique
10 investment policy for the pension
11 assets would be minimal. The pension
12 liabilities have a longer duration than
13 the insurance liabilities and,
14 therefore, any investment policies
15 specific to the pension liabilities
16 would need to reflect that fact."

17 Second paragraph:

18 "It should be noted that if the pension
19 portfolio were segregated and invested
20 more aggressively a similar modelling
21 exercise on the remainder of the assets
22 would likely result in MPI selecting a
23 more conservative asset mix for the
24 remainder of the assets. So the total
25 position between the pension and non-

1 pension funds would be similar to the
2 currently selected target mix."

3 That is the -- the response I have,
4 obviously, at one time read but forgot to cite.

5 MR. KEVIN MCCULLOCH: But would you not
6 also agree that that's a -- or a recognition that if the
7 pension funds were segregated a different portfolio mix
8 would be required?

9 DR. DEREK HUM: Well, yes. In fact, I
10 would hope so.

11 MR. KEVIN MCCULLOCH: So how does that
12 support the assumption that the pension and non-pension
13 segments are similar?

14 DR. DEREK HUM: Wait a minute. This is -
15 - that's not my position. What I read was a quote which
16 was the MPI response. So I'm sorry if I gave you the
17 impression that was my position. That was the response
18 by MPI. My position is that they would be different.

19 I'm sorry if I gave you that impression.
20 I was quoting from, not you specifically, but MPI.

21 MR. KEVIN MCCULLOCH: I don't know
22 whether we're quibbling over words here, but I'd suggest
23 to you that that response indicates that the Corporation
24 also agrees that if the funds were to be segregated the
25 portfolios would need to be different.

1 DR. DEREK HUM: Okay, then we are -- I'm
2 sorry, then we are totally agreed.

3 MR. KEVIN MCCULLOCH: Now, in the second
4 bullet or subparagraph, you talk about pension
5 liabilities currently totalling 137 million but will grow
6 steadily. And you then make the observation:

7 "Would the management and monitoring of
8 a separate pension portfolio of an
9 amount similar in size to the RSR
10 require any more attention or effort?"

11 Can you tell me what point you're
12 attempting to make there?

13 DR. DEREK HUM: Perhaps my phrasing is
14 not as elegant. I'm not a lawyer. I was simply making
15 the point that -- that they're roughly about the same
16 order of magnitude, you may disagree, a hundred and
17 thirty-seven (137) and 128 million is about the same.
18 And if management were willing to expend the effort in
19 terms of research and conduct and investigation in how to
20 deal with the RSR, then it shouldn't be that much more to
21 spend the effort to manage a separate pension fund of
22 about 128 million.

23 It was probably inelegantly phrased but
24 it's not the same as the considerations if the pension
25 fund were \$2 billion. It's -- it's not a -- it's not

1 that scale of effort.

2 MR. KEVIN MCCULLOCH: Well, unless the
3 difference was going into my account, I can agree that
4 one hundred and thirty-seven (137) and one hundred and
5 twenty-eight (128) are pretty similar. But isn't the
6 point to be made here that, first of all, the -- the RSR
7 is commingled in the entire investment portfolio.

8 There's no separate investment effort
9 provided for the RSR?

10 DR. DEREK HUM: That's right.

11 MR. KEVIN MCCULLOCH: And would you also
12 agree with me that certainly the pension fund would grow,
13 but one would expect that it would grow along with the
14 overall size of the portfolio, so the percentage of the
15 funds designated or held with respect to the pension fund
16 would remain the same as both fund -- or as the fund
17 grows?

18 DR. DEREK HUM: No, I think you -- you
19 misunderstood me. My point was that they are both of a
20 magnitude that would probably require no less managerial
21 attention and effort.

22 MR. KEVIN MCCULLOCH: But in the current
23 arrangement, the entire managerial effort is applied to
24 the full portfolio, which includes the pension, the RSR
25 and the balance of the portfolio.

1 DR. DEREK HUM: Yes, because it's all --
2 you know, commingled. But I was looking at -- see, the --
3 - the -- the topic of this is if you did not have it
4 commingled.

5 MR. KEVIN MCCULLOCH: And we agreed at
6 the outset that there's, in a defined benefit pension,
7 less reason to separate the funds than if it were a
8 defined contribution plan.

9 DR. DEREK HUM: I think we are agreed.

10 MR. KEVIN MCCULLOCH: The next heading,
11 "Re: Universal Bonds versus Long-term Bonds", I have a
12 question about that phrase "universal bonds". Is -- is
13 that the same as universe bonds?

14 DR. DEREK HUM: I don't understand what
15 universe bonds is. I'm using the term universal bond as
16 simply a -- to categorize a class of bonds that have
17 different maturity dates. They're not all long term;
18 they could include short term, they could include long
19 term.

20 There is a particular index that is called
21 either the Universe Bond Index or the Universal Bond
22 Index and I'm using it in that context. I'm using it no
23 more than to distinguish it from long-term bonds, which I
24 will precisely define as bonds having a maturity of at
25 least ten (10) years.

1 MR. KEVIN MCCULLOCH: And -- and, in
2 fact, in -- in your footnote for a definition of
3 Universal Bonds, you refer us to PUB 1-10(f) --

4 DR. DEREK HUM: Yeah.

5 MR. KEVIN MCCULLOCH: -- and, in fact,
6 1-10(f) talks about Universe Bonds, but I'm just
7 wondering in -- in your view whether that's --

8 DR. DEREK HUM: That's probably a
9 typographical error then if, in fact, the term "Universe"
10 was used in that PUB note, which I don't have in front of
11 me. But if that's the case, I meant -- I meant that
12 term.

13 MR. KEVIN MCCULLOCH: And whether we're
14 calling them universe or universal, would you agree with
15 me that the --

16 DR. DEREK HUM: Let me -- let me see
17 this. Okay, it is Universe Bonds. I'm sorry. I'll just
18 blame it on my eyesight. Let's -- let's agree that it
19 should be Universe Bonds.

20 MR. KEVIN MCCULLOCH: And can you -- or
21 do you agree that the Universe Bond index includes bonds
22 issued with government and corporate entities of all
23 maturities short to long?

24 DR. DEREK HUM: Yes, it does.

25 MR. KEVIN MCCULLOCH: And would you also

1 agree that MPI's current bond portfolio includes bonds
2 across the spectrum of maturity?

3 DR. DEREK HUM: Yes, it does.

4 MR. KEVIN MCCULLOCH: And are you also
5 aware that the Department of Finance is involved in
6 active trading to add value to the bond portfolio?

7 DR. DEREK HUM: Yes, I believe there's a
8 40 percent turnover rate but I'm not going to cling to
9 that number, but they do trade.

10 MR. KEVIN MCCULLOCH: Okay. Moving on to
11 the amount of foreign equities in the MPI portfolio and I
12 just want to clarify in my own mind a response that --
13 that you gave to Mr. Williams near the end of -- of your
14 evidence this morning and that has to do with it's now
15 your understanding that Aon did include foreign
16 investments in the study that was done and they just
17 didn't appear in any of the optimal portfolios; is that
18 correct?

19 DR. DEREK HUM: That's my understanding
20 from reading the report, or having it pointed out to me.

21 MR. KEVIN MCCULLOCH: And I also
22 understood you to say that you agree with MPI's decision
23 in modified portfolio number 11 to include 3 percent for
24 foreign equities over and above the 5 percent for US
25 equities; is that correct?

1 DR. DEREK HUM: Yes, I -- well, I -- I
2 approve of the decision. I think it is a better
3 portfolio than had they not done that.

4 MR. KEVIN MCCULLOCH: I want to move to
5 your comments, sir, with respect to the absence of real
6 return bonds in the MPI portfolio.

7 And in that regard, I'd also like to refer
8 you back to the chart, your Table 1, your four (4)
9 portfolio mixes for MPI.

10 DR. DEREK HUM: Thank you.

11 MR. KEVIN MCCULLOCH: And again, please
12 correct me if my terminology is incorrect, but it's my
13 understanding that real return bonds provide a hedge
14 against inflation?

15 DR. DEREK HUM: That would be what --
16 yeah, you could say it -- phrase it that way.

17 MR. KEVIN MCCULLOCH: And --

18 DR. DEREK HUM: They're indexed to
19 inflation is how I would phrase it, but fine.

20 MR. KEVIN MCCULLOCH: All right. And I
21 presume then that when you purchase a real return bond
22 you pay for that guaranteed hedge against inflation?

23 DR. DEREK HUM: Yes, as -- as someone
24 elegantly put it in a different context, there is no free
25 lunch. You do pay for services which in this case is a

1 hedge against future inflation.

2 MR. KEVIN MCCULLOCH: Now, we talked
3 about the fact that in the new target portfolio for MPI
4 there are assets included that also have an element of
5 hedge against inflation; is that correct?

6 DR. DEREK HUM: An element of hedge, yes.

7 MR. KEVIN MCCULLOCH: And in fact, those
8 two (2) that have the element of hedge against inflation
9 would be real estate and infrastructure?

10 DR. DEREK HUM: In general, yes, but
11 there's nothing in the portfolio now that I could claim
12 with certainty that they will be hedged.

13 MR. KEVIN MCCULLOCH: You're quite right.
14 I believe it was the evidence earlier this week or last
15 week, rather, of -- of the MPI panel that to date there
16 has been no movement towards the new modified number 11
17 portfolio?

18 DR. DEREK HUM: I -- that's my
19 understanding.

20 MR. KEVIN MCCULLOCH: So when we're
21 talking --

22 DR. DEREK HUM: We're talking generally
23 now?

24 MR. KEVIN MCCULLOCH: Yeah. When we're
25 talking, we're talking theoretically about if -- if and

1 when the Corporation moves to this portfolio, these
2 assets will have certain impacts?

3 DR. DEREK HUM: That's correct.

4 MR. KEVIN MCCULLOCH: And you'll agree
5 with me that under the new portfolio the Corporation has
6 maintained a 60 percent investment in bonds and it's only
7 reduced, or taken out the 12.5 percent that was
8 designated for real return bonds in the old target?

9 DR. DEREK HUM: Yes, they -- you -- MPI
10 has maintained its total allocation of the portfolio of
11 the bonds. They've changed the compositional mix of the
12 elements that go into the bonds.

13 MR. KEVIN MCCULLOCH: So if we're looking
14 at MPI moving away from real return bonds which provide a
15 hedge against inflation, would you -- and that's 12.5
16 percent, would you agree with me that they're moving to
17 15 percent allocated to assets that may well provide a
18 hedge against inflation?

19 DR. DEREK HUM: I wouldn't put it in
20 terms of a one-for-one number. I understand how you got
21 that number, because you have twelve point five (12.5)
22 real return bonds, which is going to zero, and you're
23 going from approximately zero to 15 percent combined real
24 estate and infrastructure.

25 But I don't want to be too fastidious, but

1 it is not a one-for-one because the real return bonds is
2 a guarantee, if you like, of perfect hedge against
3 inflation because it's built in the nature of the
4 instrument.

5 When inflation goes up, the coupon rate is
6 adjusted by exactly the amount of the inflation. So in
7 some sense there's what I would call certainty in that.

8 On the real estate and infrastructure --
9 an empty box so far, so I can't really analyse it -- it
10 will depend upon the particular talent of the manager to
11 chose the right real estate and the right infrastructure,
12 because it is not absolutely clear there will be a
13 perfect one-for-one at all time correlation between the
14 rise of the price of infrastructure and real estate with
15 inflation on a year-by-year basis that a real return bond
16 provides.

17 So your answer is correct, sir, and I'm
18 just being pedantic by saying there's not a one-for-one
19 numerical equivalence.

20 MR. KEVIN MCCULLOCH: Not until you see
21 what infrastructure and real estate investments are
22 entered into, and how they perform. Is that correct?

23 DR. DEREK HUM: That's -- absolutely. I
24 -- I have no idea what's going to be in there, you're
25 right.

1 the cost, which I think is fair, then I indicated in my
2 study that I characterized that as the price of the
3 insurance that you pay for a contingency of high
4 inflation.

5 Now that's my phrasing. It's not a
6 standard financial term, but I think that's a good way to
7 look at it.

8 Obviously, if you actually got more return
9 from a real return bond absent that cost, the rational
10 market would certainly have everybody buy real return
11 bonds because they would get the inflation protection,
12 and a higher rate of return.

13 And as someone once said in this
14 testimony, nobody knows more than the market.

15 MR. KEVIN MCCULLOCH: Now turning for a
16 moment to your draw suggestion as a means of stabilizing
17 the returns from the investment portfolio, you do, quite
18 fairly in your last paragraph -- and I have it as
19 appearing just before the closing remarks portion, you
20 make the observation that the draw strategy doesn't speak
21 to the issue as to whether there will always be enough
22 investment income in the first place.

23 And obviously, you -- you still agree with
24 that statement?

25 DR. DEREK HUM: Oh, absolutely. You

1 don't have the income. Getting not enough income in
2 steady streams doesn't solve your problem.

3 MR. KEVIN MCCULLOCH: And on a morning
4 when the TSX dropped eleven hundred (1100) points --

5 DR. DEREK HUM: Did it?

6 MR. KEVIN MCCULLOCH: -- that's probably
7 a fair --

8 DR. DEREK HUM: Did it drop eleven
9 hundred (1100) points today? No, I'm sorry --

10 MR. KEVIN MCCULLOCH: Yeah.

11 DR. DEREK HUM: -- because then I'm going
12 to excuse myself. I think -- I think this is one if it,
13 absent today's numbers -- I will correct you. I think
14 the largest day drop was around, no, between seven (7),
15 eight hundred (800). It has never dropped eleven hundred
16 (1100).

17 MR. KEVIN MCCULLOCH: Well, take it as --
18 as an assumption. I'm saying if, in fact, that was the
19 sort of day we started out with at the TSX, the -- the
20 possibility of having funds there to draw might be in
21 jeopardy.

22 DR. DEREK HUM: I don't -- unless you
23 tell me it dropped eleven hundred (1100), I'm telling you
24 historically it has -- the largest day drop, single day
25 drop was less than a thousand (1000). I will testify to

1 that under oath.

2 MR. KEVIN MCCULLOCH: Well, the markets
3 aren't closed yet and we can all check at noon hour
4 but...

5 DR. DEREK HUM: That's why I wanted to be
6 excused.

7 MR. KEVIN MCCULLOCH: Interesting
8 discussion I think, Professor, with respect to the
9 efforts of the Bank of Canada in maintaining inflation at
10 least over the short --

11 DR. DEREK HUM: Short.

12 MR. KEVIN MCCULLOCH: -- previous term
13 within its target of -- of 1 to 3 percent, if the
14 government and the people of Canada are wise enough to
15 maintain an economist in the position of head of the Bank
16 of Canada, would you not agree with me that if that
17 target is maintained, the lustre of the real return bonds
18 diminishes somewhat?

19 DR. DEREK HUM: The answer is -- is yes.
20 But I can't help but comment that the current head of the
21 Bank of Canada is not an economist.

22 I was referring to David Dodge, the
23 previous head of the Bank of Canada was an economist.
24 You should take nothing from that response.

25 MR. KEVIN MCCULLOCH: And I won't pass it

1 on. Are you aware, Dr. Hum and Dr. Simpson, that MPI
2 budgets annually for an expected level of return from its
3 investment portfolio?

4 DR. DEREK HUM: I would hope so, yes.

5 MR. KEVIN MCCULLOCH: And does that not
6 compare to your proposal of -- of taking a draw if -- if,
7 in fact, the Corporation budgets and anticipates that --
8 that that return will occur and asks this Board to
9 approve rates accordingly?

10 DR. DEREK HUM: I -- I understand the
11 question, I hope, but my answer is no. What you budget
12 for is not necessarily -- I mean, I have been involved in
13 budgeted processes where budgets, as Robert Burns says,
14 go wrong the best laid plans of mice and men.

15 So what you budget for is fine but what
16 you actually receive can be very, very at difference.
17 And what my revenue stabilization suggestion was not --
18 it would facilitate the budgeting exercise but I intended
19 it to be much more strong than that, which is that it's
20 like they use that annuity language, it's a budgeting
21 exercise but it's also going to be actually paid exactly
22 that amount, whatever the day-to-day fluctuation of the
23 portfolio performance that year. So it's more -- it's a
24 little -- I meant it to be more strong than strictly a
25 budgeting exercise.

1 MR. KEVIN MCCULLOCH: So when you did
2 your comparison for Table 2, comparing total expenses
3 against investment income over the past four (4) fiscal
4 years, that didn't include checking what the Corporation
5 had estimated or budgeted for investment income, did it?

6 DR. DEREK HUM: I did read -- I did read
7 those other documents and in many years what you budgeted
8 for and what you actually receive was not exactly bang
9 on, to put it generously. So these numbers were actual
10 because I wanted to demonstrate the real world expose
11 fluctuation and levels of investment income and total
12 expenses because otherwise I would be, to put it
13 unkindly, commenting on your budgeting exercise, which I
14 did not want to do.

15 MR. KEVIN MCCULLOCH: I'm going to go
16 back for a short time to the Aon study and, again, I
17 don't think you'll need colour for this one but if you
18 look at pages 36 to 38.

19

20 (BRIEF PAUSE)

21

22 MR. KEVIN MCCULLOCH: And what we're
23 dealing here -- with here is Appendix A, the assumptions
24 that went into the various modelling and -- and results
25 that were produced by Aon and, in particular, I want to

1 direct your attention to the real estate and real return
2 bond figures.

3 And real estate appears on page 38 --

4 DR. DEREK HUM: Yes.

5 MR. KEVIN MCCULLOCH: -- showing an
6 expected return of 6.7 percent with a anticipated risk of
7 7.4 percent. Have you got that figure?

8 DR. DEREK HUM: Just one moment, just
9 bear with me. Oh, standard deviation, you mean? Yes.

10 MR. KEVIN MCCULLOCH: Yes. And on
11 page 36 where real return bonds are showing as having an
12 expected return of four point seven (4.7) with a standard
13 deviation of 8.3 percent, is that correct?

14 DR. DEREK HUM: That's correct.

15 MR. KEVIN MCCULLOCH: Now, would you not
16 agree with me that, based on these assumptions, the
17 investment in real estate involves greater return with
18 lower risk?

19 DR. DEREK HUM: Based on those numbers,
20 yes, that's correct.

21 MR. KEVIN MCCULLOCH: And based on these
22 numbers might that explain why real return bonds don't
23 appear in the Aon proposals?

24 DR. DEREK HUM: Undoubtedly, that's
25 probably what drove the model results.

1 I might just add that I assume there is
2 another appendix but I do recall there is another page
3 where -- underlying all of this, but not on this page,
4 the -- the assumption is that inflation will be
5 2 percent. It's not on this page.

6 MR. KEVIN MCCULLOCH: That assumption,
7 though, includes a standard deviation?

8 DR. DEREK HUM: No, no, no. I'm sorry.
9 I'm not making myself understood.

10 These -- these assumptions are predicated
11 in a context in which it is assumed that, to phrase it
12 picturesquely, Canada will not experience any inflation
13 outside the ban. That -- that is one of the -- Aon's
14 assumptions.

15 MR. KEVIN MCCULLOCH: Well, perhaps --

16 DR. DEREK HUM: And -- and I --

17 MR. KEVIN MCCULLOCH: -- it might be
18 helpful if you refer to page 38 of the Aon Study.

19 DR. DEREK HUM: Okay.

20

21 (BRIEF PAUSE)

22

23 MR. KEVIN MCCULLOCH: And let me tell you
24 that that --

25 DR. DEREK HUM: My -- my point is that

1 the Aon study assumed low inflation.

2 MR. KEVIN MCCULLOCH: But it -- it
3 assumed low inflation of, according to the calculations
4 on page 38 of 2.25 percent but apply to standard
5 deviation of 1.1 percent.

6 DR. DEREK HUM: Yes, yes.

7 If I can -- you know, I want to be very
8 helpful to the Board. I want to know that, you know,
9 when you put these numbers out one should always ask
10 where they come from. And the 2 percent is not my
11 number, it's Aon's number. And the 2 percent was
12 calculated by historical data using the current past nine
13 (9) years of -- of inflationary experience in Canada.

14 And I just want to note that because it
15 was my testimony that this is a period that, while not an
16 aberrant, it's also a very special period of benign
17 inflation. And I wouldn't want to think that this is
18 going to be an immutable law of Canadian economic
19 performance.

20 MR. KEVIN MCCULLOCH: No. Thank you, Dr.
21 Hum. I -- I believe we do have your evidence on that
22 point. I'd like to refer you now to the response to the
23 PUB-CAC information request 1-1. And as -- as I
24 understand it from your evidence, from your evidence this
25 morning, Mr. Williams asked whether you'd had an

1 opportunity to review that response and whether you were
2 in agreement with what was set out therein.

3 DR. DEREK HUM: Yes. Did I make it clear
4 that I'm not the author of this response?

5 MR. KEVIN MCCULLOCH: Yes, I believe
6 both you and Mr. Williams made it clear that you're not
7 the author.

8 DR. DEREK HUM: So I can totally
9 repudiate this.

10 MR. KEVIN MCCULLOCH: That would be fine
11 with me, sir. On page 3 -- and I'm looking under the
12 heading of "Potential for Increased Volatility".

13 DR. DEREK HUM: Yes.

14 MR. KEVIN MCCULLOCH: And the second
15 paragraph there, starting with "However --"

16 DR. DEREK HUM: Yes.

17 MR. KEVIN MCCULLOCH: Looking at that
18 paragraph, would you agree with me that the suggestion
19 there is that bonds designated as held for trading will
20 increase volatility in net income?

21 DR. DEREK HUM: I -- I think I'd better
22 get the last sentence again. Did you say bonds or
23 assets?

24 MR. KEVIN MCCULLOCH: I said bonds.

25 DR. DEREK HUM: Okay, bonds. So you're -

1 - you're telling me that only bonds are in -- held for
2 trading? Or shall I take that as given?

3 MR. KEVIN MCCULLOCH: Well, let's -- if
4 you'd be happier or more comfortable with the terms
5 "assets" let's --

6 DR. DEREK HUM: No, no, I --

7 MR. KEVIN MCCULLOCH: -- let's say
8 assets.

9 DR. DEREK HUM: Okay.

10 MR. KEVIN MCCULLOCH: So assets
11 designated as held for trading will increase volatility
12 in net income?

13 DR. DEREK HUM: I want to be helpful.
14 The -- the -- it's -- it's the -- the accounting rules
15 with these two divisions held for trading and available
16 sale together, together, combined together, in effect, I
17 believe increases volatility, not just one segment but
18 together. They -- would you like an explanation or not?

19 MR. KEVIN MCCULLOCH: No, I'm -- I'm
20 going to ask whether -- would you agree that, in fact,
21 it's only the held-for-trading designation that affects
22 net income. Available -- available for sale does not have
23 an impact on net income?

24 DR. DEREK HUM: Well, my understanding --
25 and you will correct me, I'm sure -- that those held in

1 available for sale could be booked and taken into net
2 income at discretion. Am I not correct on that
3 accounting -- I'm not an accountant -- am I not correct
4 in that?

5 MR. KEVIN MCCULLOCH: Well --

6 DR. DEREK HUM: Am I?

7 MR. KEVIN MCCULLOCH: I'm not an
8 accountant either so --

9 DR. DEREK HUM: No, no, but --

10 MR. KEVIN MCCULLOCH: -- we'll just have
11 to go --

12 DR. DEREK HUM: -- you must know the
13 answer to your question.

14 MR. KEVIN MCCULLOCH: I didn't ask you
15 whether -- whether they could be taken -- whether income
16 could be taken --

17 DR. DEREK HUM: All right. Let -- let me
18 -- let me try to be -- I don't understand the question
19 then because, did you mean exclusively bonds or assets in
20 -- held for trading would influence volatility without
21 allowing me to indicate that -- that financial
22 instruments in Available for Sale could also influence
23 net income if you chose to book gains and losses?

24 MR. KEVIN MCCULLOCH: Well, again, I'm
25 asking these questions in a fairly strict context, and

1 per -- if --

2 DR. DEREK HUM: Okay, well it's --

3 MR. KEVIN MCCULLOCH: -- if you're

4 agreeable --

5 DR. DEREK HUM: -- all right. All right.

6 MR. KEVIN MCCULLOCH: -- if you're

7 agreeable, will you start with the -- just the simple

8 question that: Assets designated as held for trading

9 will increase volatility in net income?

10 DR. DEREK HUM: I don't want to mislead
11 you, or the Board, so I will say, Yes and no, because you
12 will not allow me to seek clarification of what is
13 happening with the other half of the box called Available
14 of (sic) Sale.

15 And it is my testimony right from the
16 beginning that Modern Portfolio Theory tries to construct
17 or minimize the variability by exploiting something
18 called diversification.

19 So I have to be able to say that I have to
20 bring into consideration the degree of diversification
21 potential that is not in the other -- not in the box that
22 you want me to talk about.

23 So I will say, Yes and no.

24 MR. KEVIN MCCULLOCH: Well maybe I can
25 take another run at this one (1) from a slightly

1 different angle.

2 DR. DEREK HUM: Please do.

3 MR. KEVIN MCCULLOCH: Would you agree
4 that an increase in interest rates will both decrease the
5 value of bonds and liabilities?

6 DR. DEREK HUM: At the present -- the
7 present value, yes. It will not change the face value
8 of the bond if held to maturity. You still get all your
9 money back. It's the inner -- is that the answer you
10 want?

11 MR. KEVIN MCCULLOCH: I want whatever
12 answer you want to give me, Dr. Hum.

13 DR. DEREK HUM: Or would you -- no,
14 forget it.

15 MR. KEVIN MCCULLOCH: Before I ask this
16 next question, maybe I should put it this way.

17 Are either yourself or Dr. Simpson able to
18 say whether designating bonds as held for trading will
19 result in offsetting changes on the income statement,
20 thus, mitigating the effect?

21 DR. DEREK HUM: What effect?

22 MR. KEVIN MCCULLOCH: The offset of
23 liabilities and the value of the bond.

24 MR. BYRON WILLIAMS: Mr. McCulloch, just
25 so I'm clear, are you asking about --

1 DR. DEREK HUM: If I understand the
2 question, which -- which I do have the answer if I
3 understand the question.

4 If you're saying that in a portfolio in
5 which you have assets and liabilities, because that's
6 what I'm going to assume, then when there's an interest
7 rate change it will affect the present value of the
8 bonds, the valuation of the bonds.

9 It will also affect the -- we use the
10 jargon net present value, or whatever it is, of the
11 street or future liabilities, so it will affect the value
12 benchmarked, or marked at a point in time, of both assets
13 and liabilities.

14 Is that -- is that what was your intent of
15 the question? It affects both.

16

17 (BRIEF PAUSE)

18

19 CONTINUED BY MR. KEVIN MCCULLOCH:

20 MR. KEVIN MCCULLOCH: And can you agree,
21 or -- or not, I'm not sure whether you -- you have the --

22 DR. DEREK HUM: I don't want to agree or
23 disagree. I want to explain on a fairly -- I'm not able
24 to do this in this context.

25 MR. KEVIN MCCULLOCH: Well the -- the

1 point -- the question I'm making is, or the point I'm
2 making is: Would you agree that designated bonds --
3 designating bonds as held for trading would mitigate the
4 risk of net income volatility because it has a similar
5 effect on liabilities and the -- the value of the bonds?

6 DR. DEREK HUM: You're talking about net
7 income now? You're talking about net income, not the
8 valuation of the liabilities. In that case I would
9 disagree.

10 I mean, you know, with all respect, I
11 mean, I'm trying to really understand the question and
12 I'm having difficulty because I'm coming from a framework
13 that sees it in terms of Modern Portfolio Theory and it's
14 very difficult for me to answer questions to your
15 satisfaction and with honesty when you phrase it in terms
16 of "take one small section of the portfolio, can you say
17 with certainly this will be the effect of that," without
18 allowing me to say, well, what am I allowed to assume
19 about the rest of the portfolio? And I'm not trying to
20 be obstructive here.

21 MR. KEVIN MCCULLOCH: Perhaps the -- the
22 issue, Dr. Hum, is that unless you were able to respond
23 to what impact designating bonds or assets as held for
24 trading would have on the net income statement, the whole
25 series of questions kind of collapses.

1 And it's my understanding that, at this
2 point, you don't feel you're in a position to give me
3 that answer.

4 DR. DEREK HUM: No, I disagree. I
5 disagree. I -- I'm -- I am willing to give you an
6 answer.

7 MR. KEVIN MCCULLOCH: Well then, what
8 impact would designating bonds as held for trading have
9 on the net income statement?

10 DR. DEREK HUM: Okay. I -- I think it
11 would increase the volatility of net income on the
12 balance sheet of MPI. I'd -- I'd have to give you a
13 longish answer but if you're patient I can do that.

14 Would you like me to do that or would you
15 like to ask me some more questions.

16 MR. KEVIN MCCULLOCH: Well, Dr. Hum,
17 we're at ten (10) after 12:00 and perhaps this is --
18 would be an appropriate time for a lunch break, Mr.
19 Chairman, and when we return, the balance of my cross-
20 examination will be very brief.

21 THE CHAIRPERSON: Very good. Okay, we'll
22 come back at 1:15. Thank you.

23

24 --- Upon recessing at 12:10 p.m.

25 --- Upon resuming at 1:16 p.m.

1 THE CHAIRPERSON: Okay, Mr. McCulloch...?

2

3 CONTINUED BY MR. KEVIN MCCULLOCH:

4 MR. KEVIN MCCULLOCH: Thank you, Mr.
5 Chairman and I anticipate winding up very quickly.

6 In the -- throughout the report there's a
7 number of references or comments that you don't have a
8 lot of explicit statements governing MPI's investments
9 preference -- MPI's investment preferences or goals and
10 that there seems to be some information that -- that's
11 lacking.

12 Have you had an opportunity to read the
13 MPI Investment Policy Statement?

14 DR. DEREK HUM: Yes.

15 MR. KEVIN MCCULLOCH: So when -- when you
16 make the comments throughout the report about not having
17 enough information, does that relate more to not having
18 information about how these new asset classes are going
19 to be used or what -- what particular investments are
20 going to fill each of these investment boxes?

21 DR. DEREK HUM: Well that would be some
22 information, ideally, I would like to have but that was
23 not really the specific reference.

24 I had in mind when I wrote that that I had
25 no information from the documents or from the Investment

1 Policy Statements as to how the exact proportions were
2 determined in terms of the three (3) major asset classes.

3 Aon's optimization model took that as a
4 constraint or a guideline and I saw no discussion in
5 Aon's report nor in the Investment Statement,
6 understandably, as to why these proportions should be
7 what they were.

8 So I have no idea how that was done and
9 how that was determined because the standard exercise -
10 which I realize this is not a standard situation - would
11 be to find out what the optimal portfolio would be if it
12 were totally unrestrained as to the proportions. And
13 then see if you like it. Or there's some reason why you
14 don't like it. So I had no information as to why that
15 was the case. And -- and that was really what I meant.

16 I also saw no discussion of whether or not
17 there was any consideration given or discussion on what I
18 call some of the traditional objectives that are usually
19 listed or considered in this kind of exercise.

20 For example, the Mean Variance Approach
21 that I want the biggest return I can get at the smallest
22 risk I have to bear, I mean that's pretty standard or
23 customary. That reflects how the problem was first posed
24 when the theory was developed.

25 But since then many institutions have

1 said, well, we actually want more than that or we want
2 something different and often this is explicitly given a
3 privilege in terms of the analysis and how it's
4 conducted.

5 Some of the ones that I did elude to, for
6 example, it wouldn't apply I would imagine to MPI but in
7 the private sector one of the greatest fears is, I'm not
8 so worried about being elated when my rate of return goes
9 above what I expect it to be, I am very much distressed,
10 however, if the rate of return goes way below what I
11 expect it to be. This is usually modelled, if it were
12 relevant, to the client.

13 Another one (1) that's very standard in
14 this kind of exercise is: The thing I regret most is
15 that the rate of return falls so low that I face
16 insolvency, so, I will structure a portfolio to minimize
17 that possibility. This is called the Minimum Regret
18 Model.

19 So it's these kinds of informations that I
20 found not enunciated in the documents.

21 MR. KEVIN MCCULLOCH: And you'll agree
22 with me, will you not, that on the basis of the certain
23 stat -- statutory provisions that we looked at this
24 morning, that there's another director, and another
25 partner certainly, as far as the MPI portfolio is, and

1 that is the Department of Finance.

2 DR. DEREK HUM: Yes. They're your words,
3 director or partner, whichever.

4 MR. KEVIN MCCULLOCH: Now I'm going to
5 paraphrase, if I can, what I see as the conclusion of
6 your report, and you can tell me if I'm right or wrong,
7 and -- and correct me if I happen to be wrong.

8 But the way I read it, your report
9 basically takes the position that the modified portfolio
10 number 11 is an improvement over the existing MPI
11 portfolio mix.

12 It's not what you would see as the
13 possible optimal portfolio, but it's an improvement, and
14 absent this other information that may give better
15 direction to you, you're not able to draw any other
16 conclusion.

17 Is that fair?

18 DR. DEREK HUM: Oh, I think -- I think
19 it's fair except for the last phrase. I hate to be
20 picky.

21 Yes, I've been unambiguously in my report
22 that I thought the new mix is definitely an improvement
23 over the old mix, even though you're not at the new mix
24 yet. That being said, I said, It doesn't mean that it's
25 perfect so, therefore, I have suggested a few areas that

1 I think would make it better than where it is now in
2 terms of the new mix.

3 And I did confess that I do not have
4 access to a lot of other information and considerations
5 that could alter my assessment of it, but it was just
6 your last summary phrase that I was -- just being a -- a
7 language thing.

8 MR. KEVIN MCCULLOCH: And in reference to
9 your comment that the Corporation isn't at the new
10 portfolio mix yet, it wouldn't surprise you, would it,
11 that with the study just being concluded, and -- and
12 filed that it would take a period of time for an
13 organization to move to this new mix?

14 DR. DEREK HUM: Oh, I mean absolutely. I
15 mean I -- I would think -- I did not, and I would not,
16 have expected this to have occurred overnight.

17 But I think the targets are indicitive,
18 and I'm sure they may well be changed, but I think the
19 targets are superior as targets than the old targets.
20 And I am -- I have no advice to give to MPI as to the
21 timing and speed of implementation.

22 MR. KEVIN MCCULLOCH: Those are all my
23 questions. Thank you.

24 THE CHAIRPERSON: Thank you, Mr.
25 McCulloch. We will move on now to Mr. Oakes.

1 Seeing no Mr. Oakes, we will go on to Mr.
2 Dawson.

3

4 CROSS-EXAMINATION BY MR. ROBERT DAWSON:

5 MR. ROBERT DAWSON: I thought Ms. Everard
6 would be ahead of me, but I'm pleased to step in. I have
7 only three (3) questions for the witness panel.

8 I've asked similar questions, Professors
9 Hum and Simpson, of Mr. Bell when he was here, so I'm
10 interested in your views.

11 Can you tell me if there are any
12 principles that relate to balancing risk and return that
13 would apply only in the context of Crown Corporations?

14

15 (BRIEF PAUSE)

16

17 DR. DEREK HUM: I want to make sure, sir,
18 that we understand the full import of that question,
19 which is very deep. So could I ask you to repeat it?

20 MR. ROBERT DAWSON: Professor Hum, are
21 there any principles relating to the balance of risk and
22 return that apply only in the context of Crown
23 Corporations?

24 DR. DEREK HUM: Well, I'll articulate a
25 few, whether we call them principles or not we'll see

1 because, you know, we wouldn't want to get hung up too
2 much on this word. Crown corporations as opposed to
3 private corporations usually have very special tax
4 considerations that -- that would impinge on this type of
5 analysis.

6 For example, private corporations are
7 subject to whatever the regulations are of the Income Tax
8 Act and the rules. Crown Corporations are also subject,
9 but to a different set, and there have been occasions in
10 the past where -- I don't want to use the word
11 "political" but let me just use Federal/Provincial
12 considerations come in terms of managing Crown
13 corporation's risk and revenues.

14 I'm thinking particularly of -- of the
15 equalization formula, where this is not something that I
16 really want to get into, but it does not impinge on the
17 private sector at all. But that would be one, so in a
18 nutshell, Crown corporations might have to consider the
19 risk that their revenues go into the equalization formula
20 or not in a way the private sectors wouldn't -- never
21 have this cross their mind. I'm not so sure these are
22 the kinds of things you're looking forward to.

23 Crown Corporations are generally -- have
24 an investment or an expected planning horizon that for
25 all intents and purposes I would characterize as

1 infinite, infinite. Whether or not they're around all
2 the time, they expect to be around forever. There is
3 that consideration.

4 So, I think these have some considerations
5 in the risk-to-return-kind-of considerations, and the
6 third one is that if I were to characterize with great,
7 great violence to nuance, private sectors we usually
8 characterize -- they want to make a profit, but they want
9 to make a decent profit, a maximum profit, satisfactory
10 profit, however, you wanted to phrase that.

11 Crown corporations usually do not have
12 that as their main objective and many times they will --
13 from today's perspective of investing money into a
14 portfolio to receive monetary returns, they will often
15 forego what we would call monetary returns today for what
16 an economist would call social returns; that is, there
17 are returns or benefits to society that they take as
18 their mandate that will dramatically impinge upon their
19 willingness to -- to -- to manage what I call the
20 financial portfolio.

21 So these are just -- just three off the
22 top of my head, and I'm not so sure these are the kinds
23 of things you were getting at.

24 MR. ROBERT DAWSON: That's exactly what I
25 was getting at.

1 DR. DEREK HUM: Well, then I stop.

2 MR. ROBERT DAWSON: Now, Professors Hum
3 and Simpson, I assume you've had a chance to look at what
4 has been labelled in these proceeding the Aon report?

5 DR. WAYNE SIMPSON: Yes.

6 DR. DEREK HUM: Yes.

7 MR. ROBERT DAWSON: Would you agree with
8 me that when reviewing the Aon report none of the
9 considerations that you, Professor Hum, have just
10 outlined, is actually explicitly taken into account.

11 DR. DEREK HUM: I -- I'll give a short
12 answer, I guess I agree.

13 DR. WAYNE SIMPSON: They're not
14 explicitly stated in the report; whether they're taken
15 into account is less clear in some fashion. We don't
16 know what instructions might have been to Aon that would
17 encompass some of these considerations.

18 DR. DEREK HUM: Let me -- let me
19 backtrack a little bit on my answer because Dr. Simpson
20 always corrects me.

21 If I could be inferential on here, I am
22 venturing, I assume Aon accepted instruction or took
23 seriously the notion that we've got to have Mush Bonds in
24 the portfolio.

25 And I'm sure they were given an

1 explanation, much more nuance than I can give, that this
2 is not a negotiable element in terms of your selection of
3 financial instruments to choose among.

4 MR. ROBERT DAWSON: Professor Hum, I
5 don't want to cut you --

6 DR. DEREK HUM: In that sense I think
7 they did take into account --

8 MR. ROBERT DAWSON: Professor Hum, I
9 don't want to cut you off and -- and --

10 DR. DEREK HUM: Okay.

11 MR. ROBERT DAWSON: -- and put you on the
12 spot and make you speculate because we actually have had
13 the evidence of Mr. Bell on this subject.

14 I really was asking that one (1) specific
15 question that you -- you've looked at it and you've
16 agreed with me you have and you also say that there's no
17 express statement of these considerations there.

18 So let me turn to what is now an
19 invitation to speculate. Let us assume and you, of
20 course, don't have this information. So I'm asking you
21 to make certain assumptions.

22 Let us assume that there were no expressed
23 instructions to consider a taxation or equalization for
24 formulae or the infinite investment or planning horizon
25 or the societal objectives as opposed to profit

1 objectives. These are some of the principles you've
2 mentioned.

3 Would that, in your view as an expert
4 witness here today, undermine the validity of the
5 conclusions that are put out in the Aon report?

6 DR. DEREK HUM: "Undermine" is too strong
7 a word. It's just too strong a word. I would prefer --
8 I'll have to choose my word carefully.

9 I don't think it undermines it but it
10 certainly would not --

11 MR. ROBERT DAWSON: How about lends a
12 different flavour to the conclusions?

13 DR. DEREK HUM: Oh, thank you. Who said
14 that?

15 MR. ROBERT DAWSON: The other MA oxon in
16 the room.

17 DR. DEREK HUM: I -- I don't regard my
18 pers -- I don't regard Aon report even in those terms as
19 perfection and not capable of improvement.

20 As, you know, I mean obviously I tried to
21 make some constructive suggestions.

22 MR. ROBERT DAWSON: And I have one last
23 question and I suspect it will be for you, Professor Hum.

24 You've appeared before this Board before
25 and today you've been qualified as an expert within

1 certain areas and I think it might be useful to depart
2 from the usual rules of cross-examination and invite your
3 opinion on a comment.

4 What do you think about a notion that
5 today's policyholders should be paying for the benefits
6 that will accrue only to future policyholders of the
7 applicant?

8 DR. DEREK HUM: I'm going to ask you who
9 -- I'm sorry, to repeat such a concisely phrased question
10 again. Today's --

11 MR. ROBERT DAWSON: Put on your white tie
12 of subfost (phonetic) and pay attention. Should today's
13 policyholders pay for the benefit that will accrue only
14 to future policyholders?

15 DR. DEREK HUM: And you're inviting me to
16 comment?

17 MR. ROBERT DAWSON: If you'd like and if
18 you prefer not to, you needn't --

19 DR. DEREK HUM: No, no, no, no. It's --

20 MR. ROBERT DAWSON: -- but I suspect that
21 you're qualified to do so.

22 DR. DEREK HUM: It's -- well, geez, I --
23 I'm going to apologize to everybody in advance.

24 If today's policyholders can only pay for
25 the benefits that accrue to future policyholders, okay --

1 and I suppose today means you could also pay for today's
2 policyholders, could you, but excluding past -- then that
3 would have tremendous implications for an organization,
4 and society in general.

5 Because if we were to interpret that
6 strictly, today's policyholders could only be used for
7 the benefit of future policyholders then, obviously,
8 today's policyholders could not, under this rule, have
9 benefit from any actions of yesterday's policyholders or
10 cohort.

11 So it would be very restrictive because it
12 would mean society as a whole could not benefit, for
13 example, of the capital installed, and the human skills
14 that's inherent of cultural institutions of today,
15 because that was put in place by our ancestors, or our
16 forebearers.

17 In a context of an organization that's
18 ongoing on a financial sense, that means any retained
19 earnings in that Corporation would not be allowed -- and
20 some economists, by the way, argue this, that at the end
21 of the day, all returned (sic) earnings for a fiscal year
22 should be distributed to hold -- to the shareholders, and
23 should the shareholders wish they can reinvest in the
24 company, but this is not the practice often in the
25 economy where firms decide to have retained earnings

1 which are, of course, benefits paid by or earned by
2 yesterday, and spend it today, and I guess you could call
3 it a reciprocal obligation on their part where they also
4 spend today for the benefit of those in the future.

5 Now I did apologize for this answer, did I
6 not? But I don't really know if this is what you're
7 getting -- society I don't think, or a company, could not
8 operate with a strict interpretation as I have given of
9 your question, and maybe that was not your intent.

10 MR. ROBERT DAWSON: I was simply taking
11 advantage of the fact that we had your brain to pick, and
12 I thank you for your time.

13 Thank you, Mr. Chairman, I have no further
14 questions.

15 THE CHAIRPERSON: Thank you, Mr. Dawson.
16 Mr. Kruk, do you have anything?

17 MR. JERRY KRUK: No questions, sir.

18 THE CHAIRPERSON: Thank you. Ms.
19 Everard...?

20

21 CROSS-EXAMINATION BY MS. CANDACE EVERARD:

22 MS. CANDACE EVERARD: Thank you, Mr.
23 Chairman.

24 Professors Hum and Simpson, if I can begin
25 by directing you to page 2 of your report, please. Your

1 introduction. You've stated in the paragraph numbered 1
2 that:

3 "Both the portfolio mix recommended by
4 Aon and that recommended by Mercer are
5 still relevant for guidance for the
6 Corporation in the sense that it has
7 not specifically rejected either as no
8 longer valid."

9 So are you suggesting that both of those
10 reports, that is the Aon report and the Mercer study,
11 should be still under the consideration of the
12 Corporation?

13 DR. DEREK HUM: No, I said I made that
14 assumption, and if I am wrong in that assumption, I will
15 be corrected. But that was the documents that I was
16 handed and asked to review, so I was assuming that the
17 documents I was handed was still relevant. I just wanted
18 to make that explicit.

19 MS. CANDACE EVERARD: So you are not
20 suggesting that the Mercer report, in particular, should
21 or should not be considered by the Corporation?

22 DR. DEREK HUM: Oh, I mean -- I -- I --
23 no. No, I make no suggestions either way.

24 MS. CANDACE EVERARD: Okay. If I could
25 ask you then to turn back to the Aon report and page 70

1 on which Mr. McCulloch had some questions for you.

2 This is the chart that sets out the
3 efficient frontier.

4 DR. DEREK HUM: I have it.

5 MS. CANDACE EVERARD: And Mr. McCulloch
6 had some questions for you about the portfolio ultimately
7 suggested by the Corporation and its proximity to the
8 efficient frontier. And he I believe used the word,
9 "close" and asked you to agree that the selected
10 portfolio was close to the efficient frontier.

11 Would you agree that if the scale of this
12 particular chart were altered, that the proximity of the
13 selected portfolio to the efficient frontier would change
14 accordingly?

15 DR. DEREK HUM: Let me see what's on the
16 axis.

17 DR. WAYNE SIMPSON: You mean visually it
18 would change, of course, yes.

19 DR. DEREK HUM: Visually, or did you --
20 or do you mean visually or do you mean --

21 DR. WAYNE SIMPSON: That's what you
22 meant.

23 DR. DEREK HUM: Oh. Okay. Oh, I was
24 looking at it from the point of view of what's on the
25 axis, the percentages. Visually, yes.

1 MR. WAYNE SIMPSON: Just -- just on that
2 point, I think the difference between the -- the blue
3 point which is the portfolio mix number 11 and the
4 frontier is about .1 percent.

5 DR. DEREK HUM: Okay.

6 DR. WAYNE SIMPSON: So -- so obviously,
7 depending on what the scale looks like, that's going to
8 be reflected no matter where you -- how you represent it
9 but, yeah, it's going to change with -- as the scale
10 changes and I -- what does that represent? \$2 million I
11 guess.

12 DR. DEREK HUM: It's more precise to say
13 .1 percent than to say "close."

14

15 (BRIEF PAUSE)

16

17 MS. CANDACE EVERARD: Thank you. Now,
18 I'll ask you to turn back to your own report and we'll
19 continue moving through it. In particular, on page 4,
20 there's a table that you've already looked at in your
21 evidence today that compares a variety of portfolios.

22 The second column -- or actually the third
23 column in the chart, the one entitled, "Aon Report,"
24 which sets out its recommendation, that would be the
25 alternative recommendation put forward by Aon, would it

1 not, as opposed to its first recommended portfolio?

2

3

(BRIEF PAUSE)

4

5 DR. DEREK HUM: Okay. Sorry. I'm going
6 to leave it on. You'll have to listen to my heavy
7 breathing.

8

9

I don't know what is called alternative.
I gave the exact citation. Let's see.

10

11

(BRIEF PAUSE)

12

13

14

DR. DEREK HUM: Okay. Trusting you. It
is this one. I -- I've got to check the numbers.

15

16

(BRIEF PAUSE)

17

18

19

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DR. DEREK HUM: Yes, in -- in Aon's
report it would be called "Alternative Recommended
Portfolio Based on Assumptions from Aon."

21

22

23

24

25

MS. CANDACE EVERARD: Thank you. Now,
you've given evidence that -- and it's clear from reading
your report that it's your view that the new portfolio
selected by the Corporation is generally an improvement
over the old target, and you indicated I believe in your

1 direct evidence with Mr. Williams that one (1) of the
2 reasons for that was the increased return that it is
3 anticipated will be gleaned from the new portfolio.

4 Can you elaborate and just set out for the
5 record the various reasons why you believe the new
6 portfolio is an improvement over the current mix?

7 DR. DEREK HUM: Increase in the expected
8 return. What happens in the markets, I'm not taking
9 responsibility for.

10 Very briefly, when you look at a portfolio
11 that has many types of financial instruments in it, the
12 return from the total portfolio is - I hope this is not
13 too jargon - is going to be a weighted average of the
14 returns that you get from each asset class.

15 If all the asset class returned the same
16 rate of return, then it wouldn't really matter, but
17 that's not the case and, historically, cash and bonds and
18 things like that give a much lower rate of return than
19 what we call equity and equity, in turn, can give a
20 higher or lower rate of return than real estate or
21 private equity or infrastructure. That really depends
22 upon why selection is very hard to tell.

23 So obviously, if one moves an allocation
24 more away from the asset class that gives a lower rate of
25 return to one that, hopefully, gives a higher rate of

1 return, the expectation is that the overall rate of
2 return which is the new target would give a higher
3 expected rate of return. And I hope that's clear.

4

5

(BRIEF PAUSE)

6

7

MS. CANDACE EVERARD: Thank you.

8

Let's turn now to page 6 of the report
9 where the discussions with respect to pension assets and
10 liabilities are set out in the segregation -- those
11 items, page 6 it should be.

12

13

14

15

16

Now, the evidence on the record in this
proceeding is clear that the Corporation is not presently
considering a move to a defined contribution plan, and in
this portion of the report there is reference to -- I'm
looking at the fourth paragraph, the statement that:

17

18

19

20

21

"As long as the plan is a defined
benefit scheme, the prime concern of
pensioners would be solvency which
would be an unlikely risk in the
context of the Corporation."

22

23

24

25

And in the same paragraph the additional
point is made that one could argue that the investment
portfolio of the Corporation gives a lesser return to
pensioners than would a different allocation targeted

1 towards maximizing pension benefits.

2 Can you comment on the implications of
3 these factors, given that the Corporation has in place a
4 defined benefit plan as opposed to a defined contribution
5 plan?

6 DR. DEREK HUM: Okay. Thank you. I want
7 to reiterate that this section should not be interpreted
8 as a recommendation or advocacy for a defined
9 contribution plan for MPI.

10 I know and accept that the pension plan is
11 a defined benefit plan and I make the observation, as an
12 economist, that -- that overall in Canada there is a
13 movement towards defined contribution and away from
14 defined benefits which is why I highlighted in the second
15 paragraph, that you didn't quote, which is that I
16 consider it an important question is whether MPI will
17 soon or ever consider adopting a defined contribution
18 plan design.

19 I think it's on the record, this is not in
20 the near future, but, just as food for thought, I wanted
21 to look at the implications of the pension funds being
22 co-mingled with the rest of the investment funds and make
23 the argument that as long as it's a defined benefit plan,
24 the pensioners need not have the normal worries that --
25 that pensioners often have, which is, are the people who

1 are managing my pension funds going to go bankrupt, will
2 the company not have any money and so forth.

3 I take the position that MPI is not likely
4 to go bankrupt or be insolvency, so, that the standard
5 discussion about defined benefit plans is largely absent
6 here. So that leaves only the question, again food for
7 thought, is that: Are the pensioners, and I would call -
8 - I think they are who I assume to be the beneficiaries
9 of the pension plan, well served by having their pension
10 monies co-mingled with the rest of the investment
11 portfolio. As I said, the question doesn't arise because
12 they're getting a defined benefit plan now.

13 But if we ask the question or if we go
14 back to my programming analogy saying, well, what is the
15 cost of this to the pensioners, would pensioners be, as
16 food for thought, better off with a defined contribution
17 system and with their pension funds invested in a
18 separate fund and not co-mingled following the same rules
19 that MPI is now following with their current asset mix.

20 Obviously, I'm not going to give a
21 definitive calculation and answer to that, but, I would
22 be more than surprised and shocked if the asset
23 allocation of the two (2) organizations now separate, the
24 pension fund managers and what I call the rest of the MPI
25 portfolio, were to come on the basis of their objectives

1 exactly the same allocation because I would assume that
2 the pension owners have a much more restricted view of
3 what they would like to achieve with their investment
4 funds.

5 To put it crudely, I think they would like
6 to get a big rate of return and very, very secure. And
7 so that is why I made those observations and I know full
8 well that it was not on the cards that you were going to
9 switch from defined benefit to defined contribution.

10 And there is an extra -- mindful of
11 Professor -- Mr. Dawson's question. There's an extra
12 advantage that at least I think is an advantage. If I
13 were a pension member of MPI's pension I think it's a
14 matter of both confidence and transparency that if I knew
15 that the funds for my pension were of a certain amount
16 and not subject to the vagaries of the rest of the
17 operations of MPI and -- but that is not strictly a
18 monetary consideration.

19 That's all I wanted to say on that.

20 DR. WAYNE SIMPSON: Yeah.

21 MS. CANDACE EVERARD: And I think you've
22 just answered or almost answered my next question. I
23 wanted to clarify one of the exchanges that you had with
24 Mr. McCulloch earlier dealing with what would happen if
25 the funds were segregated.

1 If the pension assets were segregated, the
2 Corporation has taken the position that if that were to
3 occur, those assets would likely have a more aggressive
4 mix than would the remainder of the portfolio.

5 And I take it that you agree with that and
6 that's what I wanted you to confirm.

7 DR. DEREK HUM: I think that would be the
8 likely scenario. I would agree with that.

9 MS. CANDACE EVERARD: Thank you. We'll
10 move then to the next page of the report, the section
11 that deals with Universe Bonds versus Long Term Bonds.

12 The first paragraph in that section
13 reflects that Long Term Bonds are at a forty (40) year
14 low and it's set out that MPI's choice not to invest in
15 Long Term Bonds is a matter of timing and preference.

16 Can you elaborate on that point for the
17 Board's benefit?

18 DR. DEREK HUM: Well, this is one of the
19 cases where currently if you were just picking between
20 these two (2) on the basis of rate of return or spread,
21 there's not much to pick.

22 I mean it's -- but we must not think that
23 what we now observe will be immutable into the future.
24 If history is any judge and if the markets tend to review
25 what the -- in the fullness of information the markets

1 review, the yield curve which is a technical way of
2 simply saying the rate of return on the long end versus
3 the rate of return on the short end tends to have, most
4 of the time, be upward sloping.

5 Meaning, you do get more from investing in
6 the long end than in the short end. Even though at any
7 given time such as now, you might think that's not much
8 or is not worth it.

9 So, I was going on the assumption that the
10 horizon for an organization such as MPI is very long term
11 and so, therefore, I was exploiting, if you like, this
12 historical empirical information that we do get more from
13 the long term end.

14 But, I did indicate at the end that right
15 now it -- the MPI position is defensible if it gives them
16 greater comfort and, again, I hasten "comfort" was in
17 quotation marks, it was not my term.

18 It's not a position if someone choses on
19 the evidence we have today to pick Universal Bonds over -
20 - Universal -- Universe Bonds over Long Term Bonds. I
21 correct the spelling. It's not -- it's not an action for
22 which one should bring condemnation. It's
23 understandable.

24 MS. CANDACE EVERARD: So, Professor Hum,
25 the time frame piece that you were just discussing is

1 this infinite horizon that you've referenced in the
2 second paragraph of that section?

3 DR. DEREK HUM: Well, I -- I was assuming
4 that, yeah, you were buying -- well, you wouldn't buy
5 Long Term Bonds unless you had a very long horizon, and
6 so I'm assuming MPI has a long horizon, long investment
7 horizon.

8 MS. CANDACE EVERARD: Now I just want to
9 speak about this laddering suggestion that carries
10 through the balance of this section of the report.

11 The Corporation has indicated on the
12 record in this proceeding that it has a duration matching
13 strategy which matches the duration of the bond
14 investments with liabilities. And that in their view,
15 this duration matching mitigates mismatched risk. And
16 that given that scenario, or situation, the laddering
17 approach that you've suggested is not necessary.

18 What is your view of that position?

19 DR. DEREK HUM: I don't have the exact
20 figures on the distribution maturities of their assets
21 and liabilities, but, it's certainly a plausible argument
22 and, in fact, it would be the right thing to do.

23 And I think the whole point of matching
24 assets and liabilities in terms of their term to maturity
25 - in other words, when you have to pay the money - that's

1 when the money that you've invested comes due for you to
2 pay it is, in fact, what one ought to do.

3 I believe my interpretation was that Aon
4 took that into account in their modelling, and when
5 coming up with their recommendations as to the portfolio
6 said, Additional to that, we believe your position is
7 that you should have these kinds of bonds. And having
8 taken that into account, they recommended Long Term
9 Bonds.

10 So I assume they, with due diligence,
11 solved that problem. They considered it. That's the
12 whole purpose of an asset liability thing.

13 So as I explained earlier, and I'll just
14 quickly repeat it, the only counter to that that I have
15 usually been faced with is that some people have
16 preferences for liquidity as opposed to the illiquidity
17 element that is implied by Long Term Bonds.

18 And I have characterized this portfolio
19 mix as achieving some higher expected return, but at some
20 cost to liquidity.

21 So the laddering was simply a suggestion
22 that within that context, it was intended to diminish the
23 force of an expected argument that I don't like Long Term
24 Bonds because I don't like the lock up on money for such
25 a long period of time.

1 MS. CANDACE EVERARD: Thank you. We move
2 then to the next page of your report, page 8, which deals
3 with the amount of foreign equities in the portfolio of
4 the Corporation.

5 You stated in the first sentence in the
6 paragraph of that section that it's assumed that any
7 foreign positions will be hedged.

8 DR. DEREK HUM: Yes, I assume that.

9 MS. CANDACE EVERARD: I'll just wait for
10 you to get the page. Do you have the page?

11 DR. DEREK HUM: Yes, I do.

12 MS. CANDACE EVERARD: Okay. Now we've
13 heard from Aon its recommendation that US equities should
14 not be hedged given the relative size of the investment
15 and the associated cost of hedging.

16 What is your view of that?

17 DR. DEREK HUM: Well, first of all, I
18 know that the foreign exchange risk is hedged. I -- I
19 find -- it's -- it comes down to the amount of risk that
20 one is willing to tolerate.

21 It is always the case that when you invest
22 in equity in a foreign country, you do so not only to
23 receive the rate of return that they will give you, but
24 you -- if you intend to bring the money home, and in
25 domestic currency, you always are facing exchange rate

1 risk. So I find that imprudent for large sums of money.

2 I'm not talking about, you know, the
3 amount you invest in the credit cards when you go
4 shopping, but what -- and -- and this is a significant
5 amount of money in absolute terms that it would not be
6 hedged.

7 And I would not want to cite current
8 situation as illustrative of the variability, but I'm
9 sure people in this room will remember not too long ago,
10 I can number in less than the number of years on my
11 fingers on one hand, the Canadian dollar was around
12 seventy (70) cents and very recently, not too long ago,
13 actually last year, we were above par and now of course
14 it's dropped down and now it's costing us approximately
15 almost \$1.10. I haven't looked at it today to buy an
16 American dollar.

17 That is a sort of swing within a short
18 period of time for a portfolio whose mandate is supposed
19 to be long term that would dramatically wipe out any
20 extra gains you would get by trying to go from one (1)
21 currency to the other. I mean, this is the sort of swing
22 I find -- well, I personally -- let me say I personally
23 find it a fairly unacceptable risk not to have it hedged.

24 MS. CANDACE EVERARD: On the same page of
25 the report still dealing with this issue of foreign

1 equities, you've noted that MPI, the Corporation, has a
2 weighting of Canadian equities relative to foreign
3 equities of some four to one (4:1)?

4 DR. DEREK HUM: Yes, roughly.

5 MS. CANDACE EVERARD: Which is contrary
6 to the recommendation made by Mercer and that made by
7 Aon?

8 DR. DEREK HUM: It is the reverse, yes.

9 MS. CANDACE EVERARD: And the Corporation
10 has indicated that part of its consideration or the
11 consideration of the -- its working group in not
12 accepting Aon's recommendation were the historical
13 returns on the US and Canadian equities?

14

15 (BRIEF PAUSE)

16

17 MS. CANDACE EVERARD: Is that -- oh,
18 pardon me. Further, Aon did not support the
19 Corporation's assertions that it looked to the returns in
20 the Canadian market for the last nine (9) years in
21 support of its decision on how to weight the Canadian
22 equities.

23 Is -- is that something that you agree
24 with?

25 DR. DEREK HUM: I -- I don't know I want

1 to address this in terms of endorsing or disagreeing with
2 Aon. I -- I'd just like to say it positively.

3 I would definitely have higher weighting
4 to American than Canadian as opposed to the reverse,
5 which is what the new targets that MPI did and I don't
6 really want to say, you know, three to seven (3:7), seven
7 to three (7:3), four to eight (4:8).

8 I think I'm more comfortable qualitatively
9 at this point simply saying, I believe those positions
10 should be reversed. So in that sense, I agree with Aon,
11 but not with the specific numbers necessarily. I
12 wouldn't go that far.

13 In fact, I also agree with Mercer too
14 because they're not totally comparable because Aon
15 doesn't have any foreign equity and Mercer does and I
16 prefer Mercer's position in including foreign equity. I
17 hope that's clear.

18 MS. CANDACE EVERARD: I think so. Do you
19 agree that a review of returns in the Canadian market
20 should factor into one's decision to invest or not invest
21 in Canadian equities?

22 DR. DEREK HUM: Oh, I think so, in -- in
23 fact, if I understand the question which was: Should we
24 not examine the rate of returns to Canadian equities in
25 making a decision.

1 terms of a time frame if one is to look at historical
2 returns, what historical time frame should be reviewed?

3 DR. DEREK HUM: Well, Wayne is probably -
4 - may have a different answer than I do but we
5 economists, we take the longest data series we can get
6 subject to some exogenous judgements as to why some parts
7 of the data are not relevant. For example, you know, I
8 wouldn't include World War II, the performance of the
9 stock market in the data.

10 But we -- we tend to -- to look at that
11 and we try to find patterns. We even try to detect
12 breaks in patterns where it would be precarious to assume
13 -- we use statistical tests where -- where it would be
14 foolhardy to include certain amounts of data in our
15 understanding. So the short answer is, we'll look at as
16 much data as we can get our hands on, and we hope we do
17 it sensitively to know which portions to disregard
18 because they're outliers.

19 MS. CANDACE EVERARD: Now when you say
20 that you wouldn't consider the period of time that
21 included the Second World War, would -- would it be fair
22 to say you'd go from the 1950s onward? Is that
23 reasonable?

24 DR. DEREK HUM: Well, I -- I wouldn't
25 include World War II, and I certainly would exclude the

1 interwar years because of the Great Depression, although
2 maybe that's coming back. I certainly would exclude --
3 yeah, for all the practical answer is, yeah, I would not
4 go much beyond post-World War II. The markets have also
5 changed dramatically, really, from probably the '60s on.

6 And in Canada -- well, these are the
7 institutional facts. I think investment behaviour has
8 changed dramatically from about the late '60s on simply
9 because the introduction of capital gains tax and things
10 like that.

11 So it's dangerous to go far back without
12 knowing the institutional history of when certain things
13 that you think would have had an effect occurred. And I
14 think the introduction of the capital gains tax did have
15 a tremendous effect on the stock markets.

16 MS. CANDACE EVERARD: Thank you.

17 DR. WAYNE SIMPSON: Just -- just on that
18 point, I mean, I -- I guess one -- one of the things you
19 might be getting at is whether the idea of just going
20 back, say, ten (10) years arbitrarily is -- is -- is
21 necessarily good or that's enough historical information.
22 And I think in parts of our answer we've indicated that
23 that may not, for example, give much idea about what --
24 how the stock market performs when inflation is -- is
25 high as opposed to the last ten (10) years of relatively

1 low inflation.

2 So depending on what the exercise is, both
3 not only the duration back in terms of years, but the
4 frequency with which you look at the data partly depends
5 on -- on -- on what -- what the context is of your
6 investigation.

7 DR. DEREK HUM: That's a better answer.

8 MS. CANDACE EVERARD: Thank you. Now, we
9 also heard from the Aon witness that in his view the
10 benefit of investing in the US and international markets
11 is diversification and that the returns are about the
12 same.

13 Is that -- do you -- do you agree with
14 that or do you share that view?

15 DR. DEREK HUM: Well, I -- I
16 wholeheartedly endorse the fact that diversification is a
17 fundamental reason for doing that because -- I hate to
18 belabour the point but in the modern portfolio theory
19 which is founded on the notion of diversification, even
20 if you had two (2) asset classes that always gave you the
21 same expected rate of return, so that there's nothing to
22 choose between the two (2) of them on the basis of
23 expected rate of return, 5 percent, 5 percent, both the
24 same, you would still want both of them in your portfolio
25 if, in fact, those two (2) instruments, giving the same

1 rate of return, had a correlation structure that reduced
2 your risk, in this particular place specifically
3 negatively correlated.

4 And so you can't achieve that with one (1)
5 instrument. That's, as they say, putting all your eggs
6 in one (1) basket. You just can't do that.

7 So even with the same return, I mean, this
8 is the power of diversification theorem, you get less
9 risk as a result. You don't get any more return. They
10 both give you 5 percent, you still get 5 percent, but you
11 get a less risk, smaller variance.

12 And that's the reason why modelling
13 portfolio -- that's their main -- it's actually the main
14 message why you would do it.

15 DR. WAYNE SIMPSON: Perhaps the other
16 part of that question is we'd also -- we would expect
17 that the US and Canadian markets over a lengthy period of
18 time would give the same return because there's no
19 constraints on people to invest in Canada or the US. So,
20 obviously, money would flow from Canada to the US, for
21 example, if Canadian returns were systematically lower.

22 So the -- the financial market virtually
23 ensures that net of some small transaction costs perhaps
24 the -- the two (2) markets will be comparable in terms of
25 their returns.

1 So the model that he's talking about is
2 precisely the model on which you would base your -- your
3 judgment about your investment decisions.

4 MS. CANDACE EVERARD: Thank you. Let's
5 turn over the page in your report, go to page 9, the
6 first full paragraph on that page which begins with the
7 phrase, "MPI's refusal to countenance" --

8 DR. DEREK HUM: Yes.

9 MS. CANDACE EVERARD: -- deals with your
10 views on the US equity issue. And throughout -- about
11 halfway through that paragraph there's reference to the
12 issue being a matter of timing and probably be wise to
13 take a position in US equities when those are inferior to
14 the Canadian equity performance.

15 And then the last sentence reads:

16 "In the long run regression to the mean
17 suggests that this will yield superior
18 return."

19 Probably should be returns with an S. Can
20 you explain what you mean by "regression to the mean" and
21 this issue of it being a matter of timing?

22 DR. DEREK HUM: That -- that paragraph
23 should have been separated into three (3). I think we've
24 covered the first part which was the fact that I think
25 there should be a stronger presence in the US.

1 I introduced the notion that the fact that
2 they can diverge is actually prima facie evidence of the
3 reason to diversify because, in MPI's statement -- and I
4 forget which interrogatory it was, they -- they suggested
5 that -- that the Canadian returns are currently inferior
6 to American returns as the approximate or one (1) of the
7 reasons why they did not want to go further than that.

8 Therefore, within that context the concept
9 of regression to the mean was introduced. Let me take
10 thirty (30) seconds to explain this term.

11 It's a term common in statistics which
12 basically says we -- we cannot predict sometimes the
13 occurrence of a single event such as when I flip a coin,
14 I don't know whether it's going to be heads or tails
15 before it comes about.

16 But on the other hand if I flip -- it's a
17 fair coin by the way -- if I flip it one thousand (1,000)
18 times I roughly would expect it to be roughly half-and-
19 half heads and tails because that is the expected or mean
20 value. "Mean" means the average expected value.

21 So when you observe in real life
22 statistics that seemed so far off what is the normal
23 observation based upon repeated observations in the
24 statistical series, the term "regression to the mean"
25 means you have a higher expectation that the next little

1 while the observations will be closer to the long-run
2 average than shoot away from the long-run average.

3 So this phenomena is called "regression to
4 the mean," unless there's a fundamental structural change
5 in the relationship, World War, so sort of thing.

6 So the point being made was that the
7 inferior performance of Canadian -- I'm sorry, in --
8 yeah, inferior performance of US equities being offered
9 as a -- as a fact that's now observed, should not guide
10 the decision for a long-run portfolio with a long horizon
11 when I guess I'm referencing or trusting the notion that
12 regression to the means suggests that we will not enjoy
13 this presently observed position forever and ever.

14 MS. CANDACE EVERARD: So in the long run
15 --

16 DR. DEREK HUM: We play the odds.

17 MS. CANDACE EVERARD: In the long run
18 returns in the US and international markets are going to
19 be better than the Canadian market?

20 DR. DEREK HUM: Well --

21 DR. WAYNE SIMPSON: No, I -- I think --

22 DR. DEREK HUM: At least --

23 DR. WAYNE SIMPSON: -- the --

24 DR. DEREK HUM: At least as good.

25 DR. WAYNE SIMPSON: If you take, say, the

1 US and Canada, just going back to -- to what I said
2 before, you would expect that if -- if they diverge much
3 that they will be coming back together very shortly. And
4 that's essentially what -- what he's saying.

5 DR. DEREK HUM: He's very good. He's
6 concise. But I set him up.

7 MS. CANDACE EVERARD: Okay. Let's turn
8 to the real return bond issue which commences on the same
9 page of the report, page 9. The Corporation has stated
10 on the record that the transition out of real return
11 bonds is likely to take several years or certainly could
12 take several years. Would you say that a gradual
13 transition into other inflation-adjusted investments
14 would mitigate the risk of high inflation, a high
15 inflation rate?

16 DR. DEREK HUM: What are those other --

17 DR. WAYNE SIMPSON: In real estate.

18 DR. DEREK HUM: -- instruments?

19 MS. CANDACE EVERARD: The Corporation
20 says real estate and infrastructure.

21 DR. DEREK HUM: Infrastructure and real
22 estate?

23 DR. WAYNE SIMPSON: Yes.

24 DR. DEREK HUM: Mitigate, I agree to;
25 completely compensate for, I won't. So choose your verb.

1 DR. WAYNE SIMPSON: Well, I think the
2 point is, if the intent is to hedge against inflation
3 using an instrument, the argument is that real return
4 bonds are the instrument to do that with.

5 If there are other considerations that
6 make real estate and infrastructure more attractive,
7 that's fine, but as a hedge against inflation they're not
8 the best instrument to do that.

9 MS. CANDACE EVERARD: And -- and I
10 appreciate that. And the question was directed at the
11 timing issue --

12 DR. DEREK HUM: Oh.

13 MS. CANDACE EVERARD: -- the -- the
14 transition. So do you have any comments with respect to
15 what kind of a time frame you would recommend in terms of
16 making that --

17 DR. DEREK HUM: Yeah.

18 MS. CANDACE EVERARD: -- transition?

19 DR. DEREK HUM: Infinite. My position is
20 that they shouldn't do it. So my -- so my recommendation
21 should be infinite time. It's --

22 MS. CANDACE EVERARD: No, I realize that.
23 But if you leave that aside for the moment, just put it
24 away for -- for a second and -- and indulge us, can you
25 make some suggestions with respect to a transition time

1 frame?

2 DR. DEREK HUM: I don't really want to
3 because my understanding is the box containing real
4 estate and infrastructure now is empty, empty, and I
5 really don't want to be in a position of either
6 recommending a time schedule in the absence of
7 information about their willingness or preparedness or
8 the availability of personnel to fulfill the kind of due
9 diligence that will be required to move to that, and I'm
10 sure they will do that with due diligence and -- and...

11 But it's not to be rushed. It's -- let's
12 just -- let's just say that it's not to be rushed, given
13 that you're going in that direction.

14 MS. CANDACE EVERARD: Okay. Thank you.
15 Now the Corporation has said that, if inflation becomes a
16 concern, going forward they'll have an ability to trade.

17 How would you say a higher inflation rate
18 would impact the cost of acquiring real return bonds and
19 the yields related to those bonds?

20 DR. DEREK HUM: Well, if inflation goes
21 up, it'll probably not be a secret. It means that
22 everybody will say, Inflation's gone up, and then a lot
23 of people will say -- if they want to hedge against
24 inflation, will look to, if not real estate or
25 infrastructure, this kind of instrument.

1 So, therefore, my guess as an economist,
2 unless the Bank of Canada refuses to make them available
3 in sufficient quantity, is that the demand for them will
4 -- will go up. They'll be -- we will be competing to buy
5 them.

6 This is not a satisfactory answer, I'm
7 sure, but it's -- it's the best I can do.

8 MS. CANDACE EVERARD: Okay. Now we know
9 that the current asset mix within the Corporation
10 provides for 12 1/2 percent in real return bonds, and
11 that the proposed net as zero.

12 What is your view on what that number
13 should be?

14 DR. DEREK HUM: I don't have a firm
15 number, except that I don't believe it should be zero.
16 I'm quite adamant about that, if I have to repeat myself
17 the fourth time. But it's -- it's -- the -- the essence
18 of portfolio theory is to trade it off.

19 And I respect MPI saying, We are trading
20 off the real return bonds -- I would hope they said some
21 portion rather than all of it -- towards a potential
22 inflation hedge strategy of infrastructure and real
23 estate.

24 But you put me in a difficult position of
25 trying to tease out a number when I don't know what's in

1 this other box, and -- and I -- I guess that's my
2 reluctance.

3 If I -- if I knew, then I'd be much more
4 forthcoming and helpful, except that I don't think it
5 should be zero, which would -- broken record.

6 MS. CANDACE EVERARD: Do you have a view
7 on any particular real estate or infrastructure
8 investments that should not be put in that box, to use
9 your phrase?

10 DR. DEREK HUM: Well, Chinese companies
11 that produce milk powder would be one (1). I don't
12 really want to answer that question.

13 I -- I said at the very outset, I am not
14 here as an expert as to how you should choose individual
15 stocks in equity, nor would I be here as an expert in how
16 you should choose individual investment projects in
17 infrastructure or individual items of real estate
18 investment. I want to disassociate any claim of
19 expertise for that selection.

20 MS. CANDACE EVERARD: Can you tell us
21 whether there is any empirical evidence that you are
22 aware of that compares the correlation between inflation,
23 and real estate and infrastructure investments?

24 DR. DEREK HUM: Real estate and
25 infrastructure I'm using in two (2) different ways, okay.

1 Infrastructure I'm thinking of things like
2 airports and things like that, and real estate I'm
3 thinking of commercial buildings, malls.

4 I'm not aware of the latter, but of the
5 former there is a literature that -- depending on who you
6 read, and for what period of time, some studies show that
7 over the long run there's absolutely no correlation of
8 real estate as an investment hedge, and others show,
9 depending on the period, there is.

10 So it -- some of these studies you have to
11 read very carefully because of the qualifications,
12 because many studies were done using residential real
13 estates, which I'm given to understand is -- is really
14 not a focus with MPI.

15 So when you talk about infrastructures and
16 commercial real estate such as shopping malls and
17 airports, and all that, is I think, to my knowledge, very
18 sparse evidence, not an evidence that I would
19 characterize as allowing us to arrive at the same degree
20 of consensus as we have with respect to the relationship
21 between, say, bonds and equities as two distinct classes.

22 DR. WAYNE SIMPSON: The other thing is, a
23 lot of the evidence is from the US and while sometimes
24 evidence carries over nicely from the US to Canada, I
25 think we've seen with recent -- in recent year -- the

1 recent -- past year that, you know, circumstances in the
2 US real estate market may be very different from Canada.
3 So that -- I wouldn't want to make that carryover to
4 Canada based on studies from the US.

5 MS. CANDACE EVERARD: Now can you tell us
6 whether there are any ways in which investments in
7 infrastructure and real estate have to be or should be
8 managed to reduce the inflation risk relative to real
9 return bonds?

10 DR. DEREK HUM: Well, the short and pithy
11 saying is, try to get a sufficient ownership position so
12 that you can actually control some of the price setting.
13 This seems to be the strategy that's followed by the
14 Canadian Pension Plan Investment Board. They don't just
15 want to be a small partner, they try to get a substantial
16 thing, so that you can actually have some say in the
17 pricing of the product or whatever it is.

18 And the other one (1) is that, failing
19 that, if you are a very small player, try to build in
20 what we would call escalator inflation clauses. During
21 periods of high inflation in the past, unions do it.
22 They want the COLA clause built in. Renters do it; they
23 put an escalator clause for rents.

24 And just to show you how mainstream it is,
25 University of Manitoba professors built it in to their

1 salary demand. So this is one way of trying to protect
2 yourself by these other avenues other than real return
3 bonds.

4 MS. CANDACE EVERARD: Thank you.
5 Speaking a little bit about the inflation issue that was
6 covered this morning, I believe I heard, if I heard your
7 evidence correctly, the inflation is currently exceeding
8 3 percent. It's outside the -- the band of the Bank of
9 Canada.

10 DR. DEREK HUM: Projected for the next
11 quarter. I mean, you know --

12 DR. WAYNE SIMPSON: I think the month-to-
13 month figures are -- are just over 3 percent at the
14 moment.

15 DR. DEREK HUM: Yeah.

16 DR. WAYNE SIMPSON: Yeah, nationally.

17 MS. CANDACE EVERARD: Can you explain for
18 the Board what the impact would be generally on the
19 inflation rate in the event of a recession or poor
20 economic times?

21 DR. DEREK HUM: Well, inflations are
22 typically associated with low inflation and high
23 unemployment. That's sort of what economists call
24 recession. And I -- I take it you're not asking me to
25 confirm we're in a recession.

1 The opposite of that, which is the
2 contingency for which the real return bonds are designed,
3 is when you actually have high inflation, which is
4 usually characterized by -- by much more robust economic
5 activities. Or if you measure it by the unemployment
6 rate, it's usually associated with low unemployment rate,
7 high capacity growth, things like that, tight labour
8 markets.

9 So the short answer is, inflation will be
10 high or low depending upon your tendency to be in
11 recession or -- or high growth, robust growth. The
12 economy is, we can say with certainty, does have its ups
13 and downs.

14 MS. CANDACE EVERARD: Thank you. Let's
15 go then to the final section of the report, or prior to
16 the conclusion that is, that deals with revenue
17 stabilization, and, in particular, page 14, which is the
18 third page of that section. In dealing with -- and I'm
19 looking at the fourth full paragraph on that page under
20 the heading, so to speak, of the suggestion of an annual
21 fixed amount draw of investment income.

22 It's indicated that,
23 "The intent of this practice is to
24 achieve an element of revenue
25 stabilization for the Corporation (not

1 rate stabilization for rate payers)."

2 Can you explain the benefits, if any, of
3 this proposal to ratepayers?

4 DR. DEREK HUM: The last -- the last
5 benefit of the proposal for ratepayers -- of ratepayers.
6 Well, gosh, I was hoping I wouldn't get into this which
7 was the basis of the parenthesis. I did not want to talk
8 a lot about rate stabilization for ratepayers but I did
9 acknowledge in a footnote it's related.

10 The short answer is, insofar as the
11 revenue stream to MPI is more predictable and stable,
12 this should make their planning and budgeting and
13 projection perhaps more predict -- all things being
14 equal, I don't know what's going on with the rest of the
15 thing -- and making a long series of assumptions which I
16 think are quite reasonable, this should lead down the
17 road to more stable rates because there would be less
18 need to adjust for the wide variations that might
19 otherwise occur on the annual balance sheet of the
20 Corporation.

21 So as I said, a lot of this is the
22 standard economist out, *ceteris paribus*, you know,
23 keeping a lot of things common. I just can't think that
24 how an increase in the instability of investment income
25 could transform itself into a more stable rate setting

1 environment, but it -- it's hard to imagine for me.

2 MS. CANDACE EVERARD: Thank you. Can you
3 envision this proposal with respect to rate stabilization
4 and this fixed draw being impacted by the fact that, in
5 the Corporation's case, the portfolio is managed by the
6 Department of Finance?

7 DR. DEREK HUM: My suggestion is just --
8 well, it is a suggestion but it was not fully fleshed
9 out. I meant it in the spirit that I hope you will take
10 it which was food for thought.

11 I observed that you've got a lot of
12 instability here but you have the money. Meaning you've
13 got a big enough portfolio that's generating an expected
14 rate of return that is more than enough to cover what
15 your expenses are.

16 And I approach it as simply, based upon my
17 training and experience, what can I do to smooth this
18 out? And so, therefore, if it has merit I don't think it
19 would be very difficult to implement at all.

20 I just think it's -- it's almost axiomatic
21 and automatic how one would go about doing that so I
22 don't really think it was really worthy at this stage of
23 setting out chapter and verse. But it's very easy.

24 In fact, if you want the thirty (30)
25 second solution, take more data than I have analysed and

1 create a estimate of what you think the expected return
2 will be from your portfolio and implement some sort of
3 weighted moving average of it.

4 And then allow an accounting procedure
5 where you get excess funds. We just don't allow you to
6 spend it. We just allow you to carry it forward for the
7 next period.

8 In my other professional projects, I have
9 been involved in designing and implementing mechanisms
10 for the sole purposes of smoothing income flow. So I'm
11 not saying it would apply here but the same principles
12 would apply. I don't think it's that difficult.
13 Insurance companies who sell annuities, they do it all
14 the time.

15

16 (BRIEF PAUSE)

17

18 MS. CANDACE EVERARD: Thank you to both
19 of you.

20 Mr. Chairman, those are my questions.

21

22 QUESTIONS BY THE BOARD:

23 THE CHAIRPERSON: Thank you. Before we
24 go back to Mr. Williams, just a couple.

25 Dr. Hum and Dr. Simpson, just to remind us

1 again, how important for the construction of the so-
2 called efficient portfolio is the time frame of one's
3 perspective?

4 DR. DEREK HUM: Well, anything that's
5 very short you probably wouldn't really worry about it
6 too much but you can construct optimal portfolios for any
7 investment horizon. And I think someone with an
8 investment horizon of as short as five (5) or six (6)
9 years could benefit because within a five (5) or six (6)
10 year period you would have been able to take advantage of
11 -- of what I call that diversification theorem or factor,
12 because movements in these various asset classes are
13 subject to considerable volatility even within a period
14 of five (5) or six (6) years, and so you would exploit
15 that.

16 And certainly, a longer period, you would
17 benefit not only from this diversification comfort but
18 you would also benefit knowing that, if it's properly and
19 confidently constructed, the diversification is kind of
20 like working in the background even when you're not aware
21 of it. But this is not to say that you should not be
22 reviewing the mix periodically, and that's a judgment
23 call.

24 THE CHAIRPERSON: Thank you. Just
25 another general-type question: From my reading, the Aon

1 report suggests that, I think it is Model 11 would
2 produce something like, or expected to produce something
3 like seventy-five (75) basis points of excess return.

4 And compared to the current portfolio
5 which I think came in, depending on whether it is MPI's
6 view or Aon's, zero to twenty-five (25) and that later
7 models, as they leave the fixed-income side, seem to
8 suggest a further excess return could be expected with
9 some increased level of divergence.

10 Leaving that as just our background, would
11 you say that most of society clearly is not represented
12 by economists or CFAs and are not schooled in the history
13 and ways of the market and not as acceptive of
14 volatility?

15 DR. DEREK HUM: Well, we -- we certainly
16 wish the first half of that statement, that the world is
17 not populated by economists or accountants.

18 THE CHAIRPERSON: Most people are --

19 DR. DEREK HUM: Yeah.

20 THE CHAIRPERSON: -- not as acceptive of
21 volatility as economists. That is fair statement, is it
22 not?

23 DR. DEREK HUM: Well, I -- I have -- I
24 take -- I take no exception to that, I think that's a
25 true statement. But if I might add a slight little rider

1 on it without being flippant, most people with \$2 billion
2 to invest would probably not be the typical economists or
3 CFA or person who -- without this knowledge, or I would
4 say editorially, they ought to seek advice and have this
5 knowledge. Two (2) billion dollars is not -- well, it's
6 a lot of money.

7 THE CHAIRPERSON: So, leaving the
8 2 billion aside, you would agree then that most people
9 dislike volatility, that most people prefer certainty, if
10 you like, over the occasional extreme fluctuations even
11 if those fluctuations could be modelled to suggest that
12 in the long haul they'll work out in the plus side?

13 DR. DEREK HUM: I -- yeah, most people --

14 DR. WAYNE SIMPSON: At what cost?

15 DR. DEREK HUM: -- are risk averse, is
16 what --

17 DR. WAYNE SIMPSON: Yes.

18 DR. DEREK HUM: -- I think --

19 DR. WAYNE SIMPSON: Yes.

20 DR. DEREK HUM: -- what he's saying.

21 DR. WAYNE SIMPSON: I say --

22 DR. DEREK HUM: That -- that is the
23 tendency of --

24 DR. WAYNE SIMPSON: That's right.

25 DR. DEREK HUM: -- of people is to be

1 risk averse, --

2 DR. WAYNE SIMPSON: That's right.

3 DR. DEREK HUM: -- yes.

4 DR. WAYNE SIMPSON: Averse.

5 THE CHAIRPERSON: Would you also say that
6 most, generally speaking, insurance companies are risk
7 averse?

8 DR. DEREK HUM: Well, yes. But there is
9 -- there is another -- there is another aspect or theory
10 of modern portfolio theory that I just don't really want
11 to muddle the thing.

12 But the degree of risk aversion is
13 generally considered in the literature a function of your
14 wealth level, you know, the way in which economists study
15 it, and -- and studies have tended to back that up, that
16 people are much more risk adverse at low levels of wealth
17 that they're dealing with or investing.

18 But when someone has much higher the risk
19 aversion sort of diminishes because there's an element,
20 to put it prosaically, an element of self insurance that
21 is possible when you have a lot of money that you can't
22 do when you don't have a lot of money.

23 So that's why risk aversion tends to vary
24 with the size of portfolio.

25 THE CHAIRPERSON: That is an interesting

1 point. You would also have to say, presumably, that
2 governments, generally speaking, are generally risk
3 averse as are consumers, if you like?

4 DR. DEREK HUM: I'm letting you talk
5 about that one --

6 THE CHAIRPERSON: Just a general point.

7 DR. DEREK HUM: -- the government.

8 DR. WAYNE SIMPSON: Well, I think in the
9 sense that governments are voted in by consumers who are
10 risk averse, they have to take that into consideration,
11 yeah.

12 THE CHAIRPERSON: So just to complete
13 this little circle if you like, so would you say that the
14 average person doesn't necessarily react particularly
15 calmly in situations of severe distress and that the
16 average person would probably exchange the reasonable
17 probability of a long-term gain for less volatility?

18 DR. DEREK HUM: Yeah. If we look at the
19 -- this is probably what I would answer in the way of
20 what is available as indirect evidence, if you look at
21 the actual investment decisions of individuals.

22 And I don't believe this really applies to
23 MPI but the average person with substantial -- the less
24 than 2 billion, tend to put their money in more safe
25 products, financial instruments like CD's and bonds and

1 so forth, and they are less likely to put it into foreign
2 equities, but they're not particularly adverse to putting
3 it into Canadian or US equities.

4 But that investment profile or that
5 investment preference I hasten to add is not one (1) that
6 I would ever adopt in my analysis of what I think MPI is
7 -- is likely to want to do.

8 THE CHAIRPERSON: Thank you, Professor
9 Hum and Simpson. One last question. You both indicated
10 that you were on the U of M pension plan committee that
11 oversees their investments.

12 Would it be reasonable to assume that
13 their portfolio reflects basically your thoughts with
14 respect to real return bonds, long term bonds and
15 investments in foreign markets?

16 DR. WAYNE SIMPSON: I think our service
17 was long enough ago we wouldn't make that statement
18 regarding their current portfolio allocation because it
19 does change over time. It would have in the past,
20 wouldn't it? Wouldn't it?

21 DR. DEREK HUM: All right. That's safe,

22 DR. WAYNE SIMPSON: Two (2) different
23 paths. We didn't serve at the same time.

24 DR. DEREK HUM: We didn't serve at the
25 same time, two (2) different paths.

1 THE CHAIRPERSON: You don't remember it
2 being diametrically opposed to what you've recommended in
3 this case?

4 DR. WAYNE SIMPSON: No.

5 THE CHAIRPERSON: Because they have a
6 pretty big portfolio, don't they?

7 DR. WAYNE SIMPSON: Yes.

8 THE CHAIRPERSON: Or don't you?

9 DR. WAYNE SIMPSON: Yeah.

10 DR. DEREK HUM: I remember not allowing
11 my name to be nominated for a second term because I
12 didn't think I was making a very positive contribution to
13 the Pension Board. And in terms of their investment
14 portfolio, it's one (1) that I didn't think was
15 particularly appropriate, as well. So I -- I did not
16 continue to serve more than three (3) years.

17 THE CHAIRPERSON: Was that for the
18 reasons that we discussed here, general risk aversion and
19 --

20 DR. DEREK HUM: Not exactly, not exactly.
21 It was a little more complicated than that. It had to do
22 with the notion -- and -- and fair enough, they were
23 devising their portfolio strategy on the basis of a -- a
24 -- what they considered to be -- and legitimately, the
25 average professor and -- and I felt that the average

1 professor's profile was changing rapidly and, therefore,
2 the -- the portfolio selections were not as attuned to
3 the notion that baby boomers, people coming in, were
4 having a very different concept of what they would
5 require it, the degree of paternalism they should have in
6 their management, then the cohort that was, at the time I
7 served, fifty (50) or sixty (60) and about ready to
8 retire.

9 THE CHAIRPERSON: Thank you, sir.
10 Mr. Williams...?

11 MR. BYRON WILLIAMS: Mr. Chairman, I
12 wonder if I could have just three (3) minutes to consult
13 with the witnesses. I have one (1), it appears to me,
14 might be a typographical correction we can make and then
15 I -- and then also one (1) additional question but I just
16 wish to discuss it.

17 THE CHAIRPERSON: Okay, we'll just take
18 the break now then.

19 MR. BYRON WILLIAMS: Thanks.

20

21 --- Upon recessing at 2:45 p.m.

22 --- Upon resuming at 3:05 p.m.

23

24 THE CHAIRPERSON: Mr. McCulloch...?

25 MR. KEVIN MCCULLOCH: Mr. Chairman, I was

1 willing to wait until Mr. Dawson begins his cross, and I
2 can file -- I have a number of exhibits -- unless they've
3 already been distributed, in which case I'll try to find
4 my copies.

5

6 (BRIEF PAUSE)

7

8 MR. KEVIN MCCULLOCH: Thank you, Mr.
9 Chairman. We have responses to a number of undertakings,
10 and with the Chair's permission the first one (1) is
11 Undertaking Number 19, provide the actual amount spent on
12 land from the forecast \$8 million. That will go in as
13 MPI Exhibit Number 18.

14

15 --- EXHIBIT MPI-18: Answer to Undertaking Number
16 19, provide the actual amount
17 spent on land from the
18 forecast \$8 million.

19

20 MR. KEVIN MCCULLOCH: Undertaking Number
21 20, provide a breakdown of business process review
22 expenditures. That's MPI Exhibit Number 19.

23

24 --- EXHIBIT MPI-19: Answer to Undertaking Number
25 20, provide a breakdown of

1 business process review
2 expenditures.

3

4 MR. KEVIN MCCULLOCH: Undertaking number
5 23, MPI to provide the data processing costs attributed
6 to basic and associated with the business process review
7 for a number of years, that's MPI Exhibit Number 20.

8

9 --- EXHIBIT MPI-20: Answer to Undertaking number
10 23, MPI to provide the data
11 processing costs attributed
12 to basic and associated with
13 the business process review
14 for a number of years.

15

16 MR. KEVIN MCCULLOCH: Undertaking Number
17 24, MPI to provide the amortization costs attributed to
18 basic, MPI Exhibit Number 21.

19

20 --- EXHIBIT MPI-21: Answer to Undertaking Number
21 24, MPI to provide the
22 amortization costs attributed
23 to basic.

24

25 MR. KEVIN MCCULLOCH: Undertaking Number

1 25, MPI to provide the compensation costs, if any,
2 attributed to basic, associated with the business process
3 review. That's MPI Exhibit 22.

4

5 --- EXHIBIT MPI-22: Answer to Undertaking Number
6 25, MPI to provide the
7 compensation costs, if any,
8 attributed to basic,
9 associated with the business
10 process review.

11

12 MR. KEVIN MCCULLOCH: Undertaking Number
13 26, MPI to provide an estimate of full-time equivalence
14 flowing from the basic program, MPI Exhibit Number 23.

15

16 --- EXHIBIT MPI-23: Answer to Undertaking Number
17 26, MPI to provide an
18 estimate of full-time
19 equivalence flowing from the
20 basic program.

21

22 MR. KEVIN MCCULLOCH: Undertaking Number
23 27, MPI to provide the numbers regarding the budget to
24 basic and corporate as of August 31st. That's Exhibit
25 Number 24.

1 --- EXHIBIT MPI-24: Answer to Undertaking Number
2 27, MPI to provide the
3 numbers regarding the budget
4 to basic and corporate as of
5 August 31st.
6

7 MR. KEVIN MCCULLOCH: Undertaking Number
8 28, dealing with police-reported information, deaths and
9 other accident information, that will be MPI Exhibit
10 Number 25.
11

12 --- EXHIBIT MPI-25: Answer to Undertaking Number
13 28, dealing with police-
14 reported information, deaths
15 and other accident
16 information.
17

18 MR. KEVIN MCCULLOCH: Undertaking Number
19 29, MPI to advise, leaving aside the second-phase GDL,
20 focussing on the second-phase training, two (2) other
21 jurisdictions that are part of the broader survey, do
22 they employ some form of second-phase training? Response
23 to that undertaking is Exhibit Number 26.
24

25 --- EXHIBIT MPI-26: Answer to Undertaking Number

1 --- EXHIBIT MPI-28: Answer to Undertaking Number
2 32, MPI to indicate what the
3 net income for basic will be
4 in the first quarter.

5

6 (BRIEF PAUSE)

7

8 THE CHAIRPERSON: Mr. McCulloch, I think
9 there's -- perhaps I've got it -- MPI Exhibit Number 28,
10 is that Undertaking 31?

11 MR. KEVIN MCCULLOCH: Undertaking 32 by
12 our count, Mr. Chairman.

13

14 (BRIEF PAUSE)

15

16 THE CHAIRPERSON: Thank you, Mr.
17 McCulloch, we're fine now.

18 MR. KEVIN MCCULLOCH: Thank you, Mr.
19 Chairman.

20 THE CHAIRPERSON: I was missing one (1)
21 exhibit. Mr. Williams...?

22 MR. BYRON WILLIAMS: Yes. Hopefully just
23 two (2) questions. One's a typographical one.

24

25 RE-DIRECT EXAMINATION BY MR. BYRON WILLIAMS:

1 MR. BYRON WILLIAMS: Dr. Simpson, we'll
2 give Dr. Hum a rest, if you could turn to page -- well,
3 the heading in your evidence, re: The Amount of Foreign
4 Equities in the MPI Portfolio?

5 DR. WAYNE SIMPSON: Yes.

6 MR. BYRON WILLIAMS: And in the bound
7 version it would be page 8?

8 DR. WAYNE SIMPSON: That's correct.

9 MR. BYRON WILLIAMS: And Dr. Simpson,
10 I'll -- I'll turn your attention to subheading or the
11 little "a," small "a" in the -- in the middle of the
12 page. And you'll see in brackets, the statement:

13 "As noted..."

14 Or you'll confirm for me that you see in
15 brackets the statement:

16 "As noted, MPI's new target portfolio
17 favours Canadian over US equities on a
18 four to one (4:1) basis."

19 Do you have any correction you would make
20 -- wish to make to that -- that statement?

21 DR. WAYNE SIMPSON: Yes, if you -- you'll
22 see from Table 1 that that is now -- should be three to
23 two (3:2); it was simply a typo carried over from the old
24 target, which was four to one (4:1).

25 MR. BYRON WILLIAMS: And -- thank you,

1 Dr. Simpson -- and just a final question. There's been a
2 fair -- fair bit of discussion about real return bonds
3 versus real estate in terms of the relative merits as
4 hedges against inflation.

5 And just so I can understand the -- the
6 position of yourself and Dr. Hum, given your -- your
7 advice to retain a position in real estate -- excuse me,
8 Real Return Bonds, are you suggesting that -- that the
9 portfolio should have less in real estate and
10 infrastructure? Or -- or what's your thinking in that --
11 that area?

12 DR. WAYNE SIMPSON: Well, this is a good
13 point, because most of the discussion has been suggesting
14 at least a tradeoff between Real Return Bonds and real
15 estate and infrastructure. Well, that wasn't really the
16 intent of -- of our discussion.

17 It's quite possible that the Real Return
18 Bonds would trade off against other bonds in the bond
19 portfolio and its percentage of the total portfolio would
20 remain at 60 percent, but that there might be other --
21 other tradeoffs, too. So there was no -- you know, it's
22 quite possible that real estate and public infrastructure
23 could be added to the portfolio along with Real Return
24 Bonds and both could have some effect in hedging against
25 inflation.

1 MR. BYRON WILLIAMS: Thank you. Mr.
2 Chairman, I want to thank all parties and the Board for
3 their patience and thank Hum -- Dr. Simpson and Dr. Hum
4 for their -- their evidence and ask that they be
5 excused.

6 THE CHAIRPERSON: Yes, thank you very
7 much, Dr. Hum, Dr. Simpson. Nice to see you again.

8

9 (CAC/MSOS PANEL STANDS DOWN)

10

11 THE CHAIRPERSON: We'll move now to --
12 thank you, Mr. Williams -- move now to Mr. Dawson. Do
13 you want to relocate, Mr. Dawson, or do you want to do it
14 from there?

15 MR. ROBERT DAWSON: I'll relocate, Mr.
16 Chairman. Thank you.

17

18 MPI PANEL RESUMED:

19 WARD KEITH, Resumed

20 MARILYN MCLAREN, Resumed

21 DON PALMER, Resumed

22 OTTMAR KRAMER, Resumed

23

24 CONTINUED CROSS-EXAMINATION BY MR. ROBERT DAWSON:

25 MR. ROBERT DAWSON: Good afternoon,

1 members of the MPI Panel.

2 Ms. McLaren, I heard in the opening
3 statement that your lawyer, My Learned Friend, Mr.
4 McCulloch, thought perhaps I might be asking a bunch of
5 irrelevant questions, and I must say I have tremendous
6 respect for Mr. McCulloch and he's never wrong, so let me
7 ask you: Do you like puppies?

8 MS. MARILYN MCLAREN: Yes.

9 MR. ROBERT DAWSON: Let's turn to an even
10 more irrelevant question then, the role of the Public
11 Utilities Board.

12 Would you agree with me that the primary
13 function of this Board is to fix what we'll call just and
14 reasonable rates?

15 MS. MARILYN MCLAREN: Yes, for the basic
16 compulsory Autopac program.

17 MR. ROBERT DAWSON: And I'm going to
18 suggest to you that there are especially three (3)
19 considerations that this Board would take into mind, the
20 first being what we'll call economic efficiencies, which
21 would be a way in which to say that the monopoly under
22 regulation is using its revenues in a way that is not
23 wasteful, shall we say?

24 MS. MARILYN MCLAREN: Yes, I believe
25 that's fair.

1 MR. ROBERT DAWSON: And of course another
2 consideration the -- the Board fixing just and reasonable
3 rates would consider itself to be looking at, would be to
4 ensure that there are some fair returns for the monopoly
5 under regulation?

6 MS. MARILYN MCLAREN: In a more general
7 sense I think that would be fair. This particular
8 monopoly in question is -- is mandated to break even.

9 MR. ROBERT DAWSON: And it certainly
10 would be appropriate for this Board to consider, in
11 fixing just and reasonable rates, appropriate cost
12 allocation methodology.

13 It's it's appropriate for the Board to
14 consider that, isn't it?

15 MS. MARILYN MCLAREN: Yes.

16 MR. ROBERT DAWSON: Would you also agree
17 that given the fact that the -- that the applicant
18 Corporation is a monopoly, that it doesn't obviously face
19 competition, at least insofar as basic insurance is
20 concerned in this province?

21 MS. MARILYN MCLAREN: Yes, the basic
22 program is -- is a monopoly.

23 MR. ROBERT DAWSON: And would you accept
24 that the function of the Board in many ways is to operate
25 as a proxy for competition?

1 MS. MARILYN MCLAREN: I think in the
2 broader sense of monopoly regulation that that probably
3 is -- is true. I'm not sure the extent to which that --
4 that particular perspective has come into play in -- in
5 these proceedings.

6 MR. ROBERT DAWSON: Well, I think what I
7 mean by that is that without regulatory oversight and the
8 fixing of just and reasonable rates, would it not be
9 possible for any regulated monopoly, including this
10 applicant, to, shall we say, assert or exert monopolistic
11 pressure upon consumers who have no choice but to buy
12 from you?

13 MS. MARILYN MCLAREN: Again, in a general
14 sense. I don't know the extent to which that is true in
15 this particular case, given that it is a particular
16 product. It's an insurant -- an insurance program that
17 is the monopoly in this case, not the Corporation. The
18 particulars of that insurance program are specified in
19 law through the MPIC Act and its regulations, so the
20 opportunity to do some of the things that -- that you
21 just referred to, I think, are somewhat limited, given
22 that this is a program that's a monopoly and the
23 specifics of the program are specified in law.

24 MR. ROBERT DAWSON: I think we can move
25 on then.

1 You'll recall, I believe, that this Board
2 ordered over the past years and also recommended that MPI
3 implement a comparative benchmark study of the way in
4 which it handles PIPP, Personal Injury Claims.

5 Am I correct?

6 MS. MARILYN MCLAREN: Yes, definitely.

7 MR. ROBERT DAWSON: And it's my
8 understanding that the applicant has not filed that
9 study.

10 Am I correct?

11 MS. MARILYN MCLAREN: Well, that's right
12 but if I look back at the most recent order, and you
13 know, not -- not only that but this one in particular,
14 what we were asked to file is information with respect to
15 the progress towards that goal. That we did.

16 MR. ROBERT DAWSON: So just for the
17 record you're referring to last year's order, which I
18 believe is one fifty zero seven (150-07).

19 Am I correct?

20 MS. MARILYN MCLAREN: That's the one.

21 MR. ROBERT DAWSON: You seem to have that
22 order in front of you. Do you remember an order arising
23 out of a rate application for the 2004 year in which
24 there was an order for that benchmark study?

25 MS. MARILYN MCLAREN: I think that was

1 the '04 proceedings; for the '05 insurance year was the
2 first year that that surfaced.

3 MR. ROBERT DAWSON: I'll accept that as -
4 - as me being corrected, but with respect to that
5 correction, do you agree that there was an order that
6 there should be a comparative benchmark study file?

7 MS. MARILYN MCLAREN: Yes, that was the
8 order, in 148/'04.

9 MR. ROBERT DAWSON: And that -- just --
10 not trying to belabour it, because I do want to move onto
11 other things. I just want to make sure that I've got
12 this. I know that Mr. Saranchuk and Ms. Everard covered
13 most of the questions in this area; I just would like to
14 summarize.

15 So with respect to that 2005 rate year
16 application, the corporation did not file the ordered
17 benchmark study.

18 Am I right?

19 MS. MARILYN MCCLAREN: Well, again,
20 148/'04 talks about filing a summary of the benchmarks
21 established by the Corporation, and in the -- I believe
22 it was in the '06 GRA, we filed a benchmark framework
23 ,which was the work done to that point in time, which
24 basically was our summary of the benchmarks which we
25 intend to use going forward.

1 So that was -- we filed a summary of the
2 benchmarks that we had established at that point; we did
3 that in the next year's proceedings.

4 MR. ROBERT DAWSON: Okay. I -- I have
5 your position and it's clear, and when you and I had a
6 similar conversation in 2006, in the context of that
7 year's rate application, we canvassed what was being done
8 at that point, so I don't think we have to go into that
9 any further.

10 If I could give Mr. Palmer the opportunity
11 to clarify something that he may have misspoken. If he
12 could be kind enough to turn to the transcript for the
13 29th of September at page 731. And this is just going to
14 be one (1) line, so he may want to turn to it but I don't
15 think anyone else need.

16

17 (BRIEF PAUSE)

18

19 MR. DON PALMER: I HAVE IT, YES.

20 MR. ROBERT DAWSON: It'S a conversation
21 between you, Mr. Palmer, and Mr. Williams in which he's
22 asking, among other things, about the benchmark study, I
23 think. And specifically on page 731 at lines 18 and 19,
24 you seem to give an answer, if I've read it correctly,
25 that would suggest the Corporation is doing nothing with

1 respect to the benchmark analysis.

2 So I'll play the role of Mr. Williams
3 starting on page 731 line 14, where he says:

4 "And we don't have that more thorough
5 benchmark analysis though, Mr. Palmer,
6 because the Corporation is still
7 working on it. Is that right?"

8 And you can play the role of Mr. Palmer,
9 and your reply at lines 18 and 19 is:

10 MR. DON PALMER: "We're not working on
11 that, no."

12 Now, may -- may I clarify --

13 MR. ROBERT DAWSON: That's exactly now my
14 next question. What did you mean by that, because it
15 certainly sounds like you're smoking cigars on the bench
16 besides doing work.

17 MR. DON PALMER: The clue to that, as
18 I've learned in looking at these transcripts, is actually
19 on page 730. So if we look at page 730 we were talking
20 about TI.5, which is the comparison of MPI and ICBC and
21 SGI. We weren't specifically talking about the
22 benchmarks as they relate -- pertain to PIPP, which is
23 what -- my understanding is that the orders pertained to,
24 those PIPP benchmarks. This -- as far as my
25 understanding, with the context that that question was

1 being asked was not with relation to the PIPP benchmarks.

2 MR. ROBERT DAWSON: Thank you, Mr.
3 Palmer. I just wanted to give you the chance to clarify
4 what at least on the surface looked like a problematic
5 answer.

6 MR. DON PALMER: Thank you for that, Mr.
7 Dawson.

8 MR. ROBERT DAWSON: While I have you, Mr.
9 Palmer, let me also try and give you a chance to redeem
10 yourself. My Learned Friends Mr. Saranchuk, Ms. Everard,
11 Mr. Oakes, and Mr. Williams, have all picked on you for
12 not being Carnac the Magnificent, namely they've all
13 pointed to various instances in which the Corporation has
14 filed over the past years forecasts and projections and
15 then they're somewhat disappointed that your forecasts
16 and projections don't quite coincide with the way in
17 which the real numbers turned out.

18 Would that be a fair, quick summary of
19 what seems to have been happening so far?

20 MR. DON PALMER: There has been some
21 questioning regarding the differences between actuals and
22 forecasts, yes.

23 MR. ROBERT DAWSON: And in your reply,
24 you've often said that forecasting and estimating and
25 indeed making projections is not the same as making

1 predictions.

2 Am I correct in making that distinction?

3 MR. DON PALMER: I don't recall saying
4 that this year, but I know that I've said that in past
5 years.

6 MR. ROBERT DAWSON: You did, however, say
7 in reply to a question I believe from My Learned Friend,
8 Mr. Williams, that where three (3) or four (4) years in a
9 row show that the numbers are different than forecast or
10 predicted, that may give rise to a trend or suggest that
11 something may be wrong in the modelling.

12 Would that be fair?

13 MR. DON PALMER: I wouldn't characterise
14 it as being something wrong in the modelling. I would
15 characterise that as maybe being a change in the
16 underlying environment. And if I may take a moment and -
17 - and go down the road that Mr. Williams often goes and -
18 - and talk about rolling dice.

19 And in a forecast, if I was going to
20 forecast what the roll of a dice would be for year after
21 year after year after year, I would say that that would
22 be three and a half (3 1/2); that's the expected value of
23 a dice roll. And that also means that that's a result
24 that can never happen, but on a forecasting basis it'd
25 would be perfectly accurate.

1 So in a given year, I might roll a one (1)
2 and then I roll a two (2) and then I roll a one (1)
3 again, and certainly those results are absolutely
4 plausible and possible and, you know, not that unlikely.
5 If I continue to roll ones (1s) and twos (2s) year after
6 year after year after year, I certainly might start to
7 suspect that my dice are loaded, that there is a
8 fundamental assumption that's being made with regard to
9 me rolling a fair dice that may not be completely
10 accurate.

11 So at that time that you -- you look after
12 two (2) or three (3) or -- or four (4), in the case of a
13 dice, maybe more than that, years when you're under-
14 forecasting and you start to investigation the reason
15 why, we're now in the fourth year and that's -- we start
16 to investigate the reason why. So -- so we are -- as we
17 always do, monitor our assumptions and -- and that's no
18 different this year.

19 MR. ROBERT DAWSON: I regret to say, Mr.
20 Palmer, that I understood exactly what you were saying,
21 which disqualifies you from writing and editing Professor
22 Hum's next book.

23 Now, I see sitting forlorn at the end of
24 the panel, Mr. Keith, wondering when, when will he turn
25 to me and that moment has come for you, Mr. Keith. Let's

1 talk about customer service.

2 You'd agree with me and perhaps you've had
3 the opportunity to review some discussions that I've had
4 with your predecessor, Mr. Bedard, but we'll focus on
5 things that you know.

6 The Corporation keenly monitors the level
7 at which customer -- customer satisfaction and service is
8 provided; am I correct?

9 MR. WARD KEITH: Yes, that's correct.

10 MR. ROBERT DAWSON: And you do that
11 largely first by establishing shall we say -- I use the
12 word, "standards," but I know that in the course of
13 asking my Information Requests there seemed to be some
14 exception taken to that term. But what I mean when I say
15 "standards" is there are certain benchmarks, certain
16 expected performance levels, in short certain standards,
17 that the Corporation sets for itself and it hopes to
18 meet.

19 So would that be fair to say that that's a
20 starting point in terms of measuring customer service and
21 satisfaction?

22 MR. WARD KEITH: That's correct with
23 respect to the customer service standards program. We
24 also have surveys that we conduct of claimants and of
25 customers with respect to their satisfaction with the

1 services that we provide.

2 MR. ROBERT DAWSON: And you've
3 anticipated the next portion of my question which does
4 relate to surveys. I know through my earlier questioning
5 of Mr. Bedard that these surveys also encourage the
6 Corporation to test its actual service against hoped-for
7 service and far -- as far as the public is concerned, in
8 terms of their perception of what they're receiving.

9 Am I correct on that?

10 MR. WARD KEITH: Yes, I think that's
11 accurate.

12 MR. ROBERT DAWSON: And I know that
13 you're relatively new to your current position, but would
14 you be able to confirm that really as far as it comes to
15 establishing standards and so far as it comes to running
16 these surveys, really not much in a general sense has
17 changed over the past five (5) or so years?

18 MR. WARD KEITH: Yes, there are periodic
19 changes and updates made to the service standards, as
20 well as to the survey questions, but overall the
21 framework is the same.

22 MR. ROBERT DAWSON: I notice over the
23 years that when it comes to customer surveys, especially
24 relating to PIPP claims and the way in which the
25 Corporation handles those claims, that the standard or

1 shall we say satisfactory measure that the Corporation
2 sets for itself, seems to be considerably lower in
3 percentage, overall percentage, than it is for other
4 areas of customer service.

5 Is my overview correct?

6 MR. WARD KEITH: The range is generally
7 10 percent lower than property damage claims.

8 MR. ROBERT DAWSON: You'd agree with me
9 that by setting a lower standard first you're presumably
10 trying to model what is a reasonable as opposed to
11 idealistic outcome?

12 Am I correct?

13 MR. WARD KEITH: Yes, I think the
14 standard is intended to recognize that the claims are
15 very different; the nature of the claim is very different
16 than a property damage claim. The claim is itself more
17 complex and the outcomes are typically quite different.

18 MR. ROBERT DAWSON: Would you expect --
19 accept rather -- would you accept, Mr. Keith, that
20 another consideration is given that bodily injury is
21 involved, the emotional consideration and impact upon the
22 claimant may indeed be higher?

23 MR. WARD KEITH: Yes, and I had intended
24 that when I spoke about the complexity of the claim.

25 MR. ROBERT DAWSON: Would you also agree

1 that those who are cynical might say that a lower
2 standard also means that it's easier for the Corporation
3 to reach that lower goal, rather than strive to reach
4 more lofty goals?

5 MR. WARD KEITH: That may be the opinion
6 of cynics, but it's certainly not the opinion of the
7 Corporation.

8 MR. ROBERT DAWSON: You'd agree with me
9 that as far as when I look at the annual report for
10 example or any of the other documents that are filed the
11 Corporation really does very little when it tries to
12 substantiate the reason for this lower standard overall
13 satisfaction level that it sets for itself in the context
14 of personal injury claims, as opposed to any other
15 bracket of claims that it handles?

16 MR. WARD KEITH: I'm sorry, could you
17 repeat the question, Mr. Dawson?

18 MR. ROBERT DAWSON: Sure. Let me try and
19 rephrase it more simply.

20 There's not much in the material out there
21 that helps someone -- that helps someone essentially not
22 be cynical, that helps someone see the point of view as
23 to why the Corporation sets a lower standard when it
24 comes to PIPP claims or the handling of personal injury
25 claims, more precisely.

1 Would you agree with that?

2 MR. WARD KEITH: Well, I think in terms
3 of these proceedings that we have provided the rationale
4 for that -- for that target.

5 MR. ROBERT DAWSON: Okay. I have your
6 answer.

7 In the course of the Information Request
8 that the Manitoba Bar Association presented there were a
9 number of Information Requests which made reference to
10 the intake process by which claims are handled. And I
11 don't think you need to turn to it, but just for the sake
12 of the record I'll indicate that I'm talking about the
13 First Round 24, and the Second Round 12, but we'll --
14 we'll just talk in general terms. If you'd like to turn
15 to it I can wait. That's fine.

16 MR. WARD KEITH: That's fine, Mr. Dawson.

17 MR. ROBERT DAWSON: And in the First
18 Round of Information Requests, the question was posed as
19 to requesting a copy of the script by which your call
20 centre handles claims that are coming in from, and the
21 examples that were given in that were persons who might
22 have coverage for only pleasure use or that might have a
23 restriction on their driver's licence.

24 Do you remember that?

25 MR. WARD KEITH: Yes.

1 MR. ROBERT DAWSON: And in both cases the
2 Corporation responded that there is no script.

3 Do you remember that answer?

4 MR. WARD KEITH: Yes.

5 MR. ROBERT DAWSON: And then later in the
6 Second Round at Question 12, the Corporation clarified
7 saying, well, there are instructions but there's not a --
8 a formal script.

9 Is that also correct?

10 MR. WARD KEITH: Yes.

11 MR. ROBERT DAWSON: So -- and again, this
12 just by way of clarification, when you said "no script,"
13 really what you were saying is Dawson, you idiot, you've
14 asked the wrong question, we don't give them a script,
15 but we do give them instructions. That's really what you
16 were trying to say but more --

17 MR. WARD KEITH: Yeah.

18 MR. ROBERT DAWSON: -- subtly?

19 MR. WARD KEITH: Yeah. Well, certainly
20 the latter half of that.

21 MR. ROBERT DAWSON: The subtle part.

22 Let us take as an example an individual
23 who calls the claim centre and, for example, has a
24 restriction on the insured's driver's licence, shall we
25 say, in may case, for example, I'm required to wear

1 glasses.

2 Are you with me so far, Mr. Keith?

3 MR. WARD KEITH: Yes. Except that they
4 wouldn't call the claim centre, they'd call the call
5 centre.

6 MR. ROBERT DAWSON: All right. Thank you
7 for the correction.

8 So when our bug-eyed friend calls the call
9 centre and reports an accident, one (1) of the questions
10 at some point the call-centre operator will ask is, were
11 you wearing your glasses at that time.

12 Am I correct?

13 MR. WARD KEITH: Yes.

14 MR. ROBERT DAWSON: And if that person
15 answers "Yes," then presumably the claim proceeds on to
16 the next stage of processing, among other things; other
17 questions will be asked.

18 Am I right?

19 MR. WARD KEITH: Yes.

20 MR. ROBERT DAWSON: And if the person
21 were to answer "No," is it possible that the Corporation
22 would refuse to -- to, well, to accept the claim as
23 valid?

24 MR. WARD KEITH: Well, the -- the answer
25 would be recorded in the claim system with a "No," and

1 then the additional questions with respect to opening the
2 claim would be asked and answered. And then if there
3 were issues with respect to really any of the questions
4 that were posed to the claimant then arrangements would
5 be made through the call centre for an interview with an
6 adjuster responsible for that claim.

7 MR. ROBERT DAWSON: So I'm just using the
8 example of restrictions on a driver's licence, but your
9 answer moves us helpfully forward to suggest that the
10 claim centre does ask questions; the answers to which
11 might give rise to problems for the claimant's eventual
12 claim.

13 Am I correct?

14 MR. WARD KEITH: Yes, I -- yes.

15 MR. ROBERT DAWSON: And when a claimant
16 contacts the call centre to initiate the claim, there's
17 no information given by the call-centre operator as to
18 the significance of these questions that are being asked,
19 is there?

20 MR. WARD KEITH: There is certainly
21 discussion around why the question is being asked, if
22 that answers the question.

23 MR. ROBERT DAWSON: So when someone who
24 has a restriction on their driver's licence calls to
25 report a fender-bender, a helpful conversation is likely

1 to occur along these lines. The call-centre operator
2 will say: I'm about to ask you a question, the answer to
3 which may disqualify you to your insurance coverage.
4 Were you wearing glasses at the time of the accident?

5 Is that how it goes?

6 MR. WARD KEITH: No, I wouldn't think
7 that's generally how it goes.

8 MR. ROBERT DAWSON: So when you say that
9 there's a conversation what do you mean actually happens?

10 MR. WARD KEITH: Well, again there are no
11 scripts but with respect to the instructions the call
12 centre representative would likely inform the person
13 reporting the claim that they are required to wear
14 glasses or restrictive lenses while -- sorry, corrective
15 lenses while operating a vehicle, and were you in fact
16 wearing those corrective lenses?

17 MR. ROBERT DAWSON: So there would be a
18 preliminary statement of a certain fact and then a
19 question seeking confirmation of that fact.

20 That's how the call centre would treat
21 these incidents, is that right?

22 MR. WARD KEITH: Again, generally, yes.

23 MR. ROBERT DAWSON: When you say
24 generally, am I supposed to guess what? About half of
25 the time?

1 MR. WARD KEITH: I wouldn't be
2 comfortable in putting a percentage around it. Generally
3 I think that the information is positioned so that the
4 customer knows why the question is being asked.

5 MR. ROBERT DAWSON: The fact that you're
6 not comfortable to give me a figure suggests to me that
7 the Corporation doesn't actually track compliance with
8 the -- of the useful policy that you're announcing here.

9 Would I be correct to say that there's no
10 deliberate tracking of whether or not a preliminary
11 statement of fact followed by a request for confirmation
12 is ever asked in many of these cases?

13 MR. WARD KEITH: There is tracking of the
14 calls that are received through the call centre.

15 MR. ROBERT DAWSON: That might be but
16 that wasn't my question. I'm asking you do you bother to
17 track the fact whether or not a call centre operator has
18 stated in the way that you've illustrated this call
19 should be handled, and basically complies with what is
20 your expectation as to how it should happen?

21 MR. WARD KEITH: I believe that that --
22 my response would be that we do track that; that one (1)
23 of the questions that we do track through our customer
24 services standards program, which is done by supervisory
25 internal audit, internal measure, is whether or not as

1 part of reporting the claim the customer was given all of
2 the information that they needed in order to -- to make
3 their claim.

4 MR. ROBERT DAWSON: All the information
5 needed. Who determines what information is needed?

6 MR. WARD KEITH: That would be determined
7 on a claim-by-claim basis, as with on the front-side of
8 the business, when we do surveys or measure customer
9 service standards through the broker network, similarly
10 depending on the type of transaction, based on the
11 business exchanged at that time, was sufficient
12 information provided for the customer to make an informed
13 choice. That's related to the front-side of the business
14 and there are similar measures on the backside.

15 MR. ROBERT DAWSON: At the risk of
16 becoming philosophical, whenever one tells me that
17 they're trying to test perception, I always wonder
18 whether or not we're actually trying to answer the
19 question whether or not it's what a particular customer
20 thought was the information that's needed, or whether
21 it's a reasonable person's objective assessment of what
22 that person needed.

23 Which is it?

24 MR. WARD KEITH: It's both. There are
25 internal measures, where we measure our expectation and

1 then there are external measures where we measure from
2 the customer's perspective, whether they believe they
3 received the information that they required.

4 MR. ROBERT DAWSON: You prepared
5 carefully for these hearings today, didn't you, Mr.
6 Keith?

7 MR. WARD KEITH: I believe I did.

8 MR. ROBERT DAWSON: And am I correct to
9 say that you're the head of the department that would
10 oversee the way in which call centres try and provide
11 information that customers need?

12 MR. WARD KEITH: No, that wouldn't be
13 correct.

14 MR. ROBERT DAWSON: Point the finger to
15 someone else then.

16 MR. WARD KEITH: Excuse me?

17 MR. ROBERT DAWSON: If it's not you,
18 there are three (3) other bodies on the panel, who should
19 I ask my question to?

20 MR. WARD KEITH: You can ask your
21 question to me, but I'm not the person who is responsible
22 for call centre operations.

23 MR. ROBERT DAWSON: Does the person --

24 MR. WARD KEITH: Sorry -- nor -- nor is
25 anyone directly on the panel.

1 MR. ROBERT DAWSON: Does the person who
2 is responsible for call centre operations report to you,
3 Mr. Keith?

4 MR. WARD KEITH: No.

5 MR. ROBERT DAWSON: So, let's review this
6 because now -- this was going to be a simple question but
7 now I'm wondering if we're missing witnesses.

8 MS. MARILYN MCLAREN: Let me interject
9 if I might, Mr. Dawson.

10 MR. ROBERT DAWSON: If you would?

11 MS. MARILYN MCLAREN: Think of the call
12 centre as somewhat of an internal service bureau. They
13 respond to questions from the public on any aspect of the
14 Corporation's activities. They are not responsible in
15 any way, shape, or form for establishing policy and
16 expectations with respect to any of those lines of
17 business or services.

18 A big part of what the call centre does,
19 it not only answers questions about claims, it sets up
20 new claims. It -- it establishes claims that customers
21 report into the call centre.

22 Mr. Keith is responsible for the claims
23 function with respect to establishing the expectations of
24 the call centre with respect to the work they do there.
25 So no, the manager of the call centre isn't on the panel.

1 The manager of the call centre reports to someone who
2 reports to me, but the call centre is responsible for
3 doing the work associated with claims reporting according
4 to the standards of the claims division. Mr. Keith is
5 responsible for that aspect of it.

6 MR. ROBERT DAWSON: I appreciate the
7 clarification. I'm going to come back to you, Mr. Keith,
8 because it seems that you're the one who sets the
9 standards that are being measured there, am I right?

10 MR. WARD KEITH: Ultimately, I'm
11 responsible for the standards that are in place, yes.

12 MR. ROBERT DAWSON: As long as someone's
13 willing to fall on the grenade, I'm prepared to pull the
14 pin.

15 What's troubling me, and I'm going to give
16 you a chance to just explain yourself, is that when we
17 began down this road, which I thought would take us along
18 a scenic ocean view and instead ended up down a back
19 alley where thugs are surrounding us, you told me that
20 generally the call centre complies with your expectation
21 that they'll state a fact and then seek confirmation of
22 that fact.

23 Do you remember that? Do I have that
24 right?

25 MR. WARD KEITH: Yes.

1 MR. ROBERT DAWSON: And then I said to
2 you, Mr. Keith, what do you mean generally? Do you mean
3 more than 50 percent and you said well, there are no
4 numbers. Do I got -- do I have that correct as a
5 recollection?

6 MR. WARD KEITH: I -- I said I wouldn't
7 be comfortable giving you a percent.

8 MR. ROBERT DAWSON: Well, let's shortcut
9 this down short. Is it just that you don't know what the
10 number is, but if you had time you could find out what it
11 is, or is it that the number doesn't exist?

12

13 (BRIEF PAUSE)

14

15 MR. WARD KEITH: I would say the number
16 doesn't exist.

17 MR. ROBERT DAWSON: And why, Mr. Keith,
18 have we been talking about the standards and the numbers
19 that you set?

20 You've -- you've just gone on at fairly
21 great length telling me that there are measurements and
22 that you listen to the calls and, presumably, someone's
23 tracking this on -- in your words on a case-by-case
24 basis?

25 Was there just a misunderstanding or -- I

1 don't understand why you were telling me this then.

2 MR. WARD KEITH: Mr. Dawson, what I was
3 referring to was the -- was a broader -- a broader
4 assessment of the question: Were customers given the
5 information that they required when they reported the
6 claim, not specific with respect to, did they have
7 restrictions and were they alerted to the fact that
8 restrictions may impact their right to present a claim or
9 to have a claim paid and with respect to whether or not
10 they were satisfying those restrictions.

11 So the service standards that are measured
12 are -- are broader and not as specific as to get to the
13 specific questions that you referred to and that we
14 discussed when we first started this exchange.

15 MR. ROBERT DAWSON: All right.

16 MS. MARILYN MCLAREN: And if I might
17 interject again to bring that to --

18 MR. ROBERT DAWSON: I was going to bring
19 it to an end, but you've been --

20 MS. MARILYN MCLAREN: That's okay. This
21 is important and I think I'd like to bring it to a
22 somewhat different level of detail as well.

23 The rolled-up question is exactly as Mr.
24 Keith said, but he also talked to you about internal
25 measures and external measures. And the internal

1 measures are established -- the -- the measures
2 themselves are established within the customer service
3 standard framework. The measurement of staff performance
4 against those standards happens at a very detailed level
5 by the supervisors in the call centre and we -- with no
6 exception, do they -- they go through a statistically
7 meaningful number of phone calls and track performance
8 against the standard in every single aspect of the call.

9 And if someone neglected to provide the
10 context of someone who was or was not wearing glasses, it
11 would be the same, failure to comply with expectations as
12 it would be if it was a wildlife claim and they were
13 going to be expected to pay their five hundred dollar
14 (\$500) deductible, if that was the case.

15 It is a -- a measurable assessment of
16 compliance to the standard at a -- at a detailed phone
17 call by phone call, question by question in each phone-
18 call process.

19 So we don't place any more or any less
20 importance on different aspects of that staff or we
21 invest an awful lot of -- of time and resources training
22 staff, we expect them to comply with the expectations.
23 We have a statistically meaningful way of measuring their
24 compliance against those expectations. Those who fail to
25 comply, even if it is in two (2) cases out of a hundred

1 (100) and generally they do a good job, the two (2) cases
2 are brought to their attention.

3 So when there is not compliance, I have a
4 very high level of confidence through that process that
5 it's followed up and dealt with on an employee-by-
6 employee basis. The fact that we can't pull out a number
7 that says, here's the number of times somebody didn't
8 talk about the correctives-lenses restriction doesn't
9 mean that it's not measured and tracked and dealt with
10 and -- and efforts made to have no exceptions.

11 MR. ROBERT DAWSON: Let me ask you, Ms.
12 McLaren, arising from your comment, you'd agree with me
13 that it's important that the way in which claims intake
14 operates, well, function according to the standards of --
15 that Mr. Keith, for example, is describing, namely, that
16 people are given the information, in his words, it was
17 information needed by those who are filing claims.

18 You'd agree with that, wouldn't you?

19 MS. MARILYN MCLAREN: Certainly it's
20 important.

21 MR. ROBERT DAWSON: And you'd agree with
22 me -- well, let's go on to the next stage, the reason why
23 it's important, I'll suggest to you, is because most of
24 the claimants who are contacted in the claims centre
25 probably have an unfamiliarity, if not more, with the

1 process that's involved.

2 In short, they're relying upon you to
3 guide them through the claims process, am I correct?

4 MS. MARILYN MCLAREN: Yes, that's fair.

5 MR. ROBERT DAWSON: And where a claimant
6 has filed a claim or is trying to file a claim and
7 presumably relies upon MPI as part of that claim, where
8 MPI's call centre employee doesn't comply with your
9 standards and follow your instructions, that puts the
10 claimant at a disadvantage, is -- would you agree with
11 that?

12 MS. MARILYN MCLAREN: It could.

13 MR. ROBERT DAWSON: So I'll leave this.
14 I just want to confirm just by way of summary here. I
15 got to make sure that I've got this correct.

16 Mr. -- Mr. Keith, your preference, the way
17 in which you would like to see call -- the call centre
18 operators operating is as follows: When they're faced
19 with one (1) of these sorts of questions or, indeed,
20 whenever they're trying to -- well, let's go beyond that,
21 whenever they're trying to extract information from the
22 individual, you'd like them to provide the information
23 that that customer needs before they give that
24 information, is that correct?

25 Do I have that right?

1 MR. WARD KEITH: Yes, the context for
2 which the question is being asked.

3 MR. ROBERT DAWSON: Okay. Thank you very
4 much.

5 Mr. Keith, some quick-snapper questions,
6 to use Mr. Saranchuk's friend -- or my -- my learned
7 friend, Mr. Saranchuk's phrase.

8 In the Information Requests there was
9 reference to presentations made to health care workers,
10 and I see Mr. McCulloch already getting his binder out,
11 and that's at the first round, question 12 of the MBA
12 questions.

13 You're familiar that the -- that MPI
14 sponsors or hires, contracts out presenters to give such
15 presentations on health care topics; am I right?

16 MR. WARD KEITH: Yes, the presentations
17 are typically done by members of our health care services
18 team.

19 MR. ROBERT DAWSON: And according to the
20 answer given at the second round, question number 9 of
21 the MBA questions, you spent twenty-seven thousand five
22 hundred dollars (\$27,500) last year on hiring people to
23 give these presentations, is that correct?

24 MR. WARD KEITH: No, that's not correct.
25 The twenty-seven five was the budget for doing the

1 presentations. It was exclusive of the contract costs
2 for the health care providers that actually delivered the
3 presentations.

4 MR. ROBERT DAWSON: Thanks for that
5 correction.

6 Does the Corpora -- well, I presume that
7 the reason that the Corporation makes these healthcare
8 presentations is it believes that in the end it results
9 in an ultimate cost saving for the Corporation.

10 Am I correct?

11 MR. WARD KEITH: Yes, that's -- I think
12 that's fair.

13 MR. ROBERT DAWSON: And without going
14 into too much detail, could you just give a couple of
15 examples of the way in which these healthcare
16 presentations might result in these kinds of cost savings
17 for the Corporation?

18 MR. WARD KEITH: This falls under the
19 category of practitioner liaison and it gives an
20 opportunity for members of our healthcare services team
21 to speak with other members of the medical profession,
22 with respect to injuries, with respect to emerging
23 treatments, with respect to disability timeframes, and
24 with respect to opportunities for rehabilitation. And --
25 and so all of this information collectively we believe

1 provides more information -- information sharing
2 opportunities within the medical community.

3 MR. ROBERT DAWSON: So in my lay view,
4 the theory is, is that if you, shall we say, convey to
5 medical practitioners the latest developments in how to
6 treat condition "X," that might ultimately either reduce
7 the costs of providing care to that person or return that
8 person to the workforce or to wherever that person wanted
9 to be faster.

10 Is that an example that's possible?

11 MR. WARD KEITH: I think that's possible,
12 yes. It -- there could be opportunities to introduce new
13 treatment regimes as well as alternate methods perhaps,
14 to help the patient to return to as close to pre-accident
15 status as possible.

16 MS. MARILYN MCLAREN: Thank you, Mr.
17 Dawson. Let me interject again. I think one (1) of the
18 major groups that tend to be the focus of these
19 presentations tend -- tend to be general practitioners,
20 family doctors. The -- the -- luckily, the reality is
21 that automobile injuries make up a very, very small
22 percentage of the typical family doctor, or general
23 practitioner's, caseload.

24 So it's not necessarily not just informing
25 people of new and -- and emerging treatment protocols;

1 often it's helping general practitioners understand where
2 -- when they may have reached -- when they may be
3 reaching the limits of their expertise, and it's helping
4 them to understand what -- what might reasonably be
5 expected with respect to recovery from certain kinds of
6 injuries. When they see claimants with those
7 circumstances, they know earlier in the future to ask for
8 the help and assistance of a specialist. Things like
9 that.

10 So it really is -- is a way to help better
11 patient outcomes by helping general practitioners
12 understand more about these kinds of -- of injuries
13 because they really do make up a small percentage of
14 their -- of their caseload.

15 MR. ROBERT DAWSON: To put that in the
16 context of a rate application hearing, essentially when
17 you -- what you're saying is, is that better --
18 providing better care to a claimant effectively
19 translates usually or hopefully into reduced claims
20 expenses attached to that claim.

21 Is that right?

22 MS. MARILYN MCLAREN: Yes, agreed.

23 MR. ROBERT DAWSON: I may have missed it,
24 but I don't see any evidence in the filing that suggests
25 or that tracks the savings. Is -- at this point your

1 contention that it's anecdotal and that you don't
2 specifically track it, or is it possible to be tracked?

3 MS. MARILYN MCLAREN: I believe that it
4 is highly unlikely that it would ever be able to be
5 tracked, solely within the -- the context and the
6 perspective of Manitoba Public Insurance. With fifteen
7 thousand (15,000) injury claims, far, far fewer of those
8 people injured badly enough to ever have to miss work --
9 you know, so I mean if you start wearing down, in terms
10 of really where are those injuries that you really need
11 to learn a lot about and help -- and help create the
12 circumstances for a more positive outcome, it certainly
13 would be anecdotal within this context.

14 Now we can go back to your conversation
15 about what we believe the advantages of benchmarking
16 within a broader community of organisations doing the
17 same kind of work. So I think there certainly can be
18 some measurable advantages shown, but not within a
19 population of a million people and fifteen thousand
20 (15,000) injury claims.

21 MR. ROBERT DAWSON: Thank you both for
22 that additional information, as well as tying it into the
23 benchmarking.

24 Mr. Chairman, I note the time, and I feel
25 in many ways like the over enthusiastic child who has

1 come late in the day for show and tell and wants to
2 continue talking. I have approximately, I would think,
3 ten (10) minutes left. I can wait and continue tomorrow,
4 or I'm at the Chair's disposal and we can stop now.

5 THE CHAIRPERSON: I think you should
6 continue now, if you are --

7 MR. ROBERT DAWSON: I'm happy to do so.
8 Thank you, Mr. Chairman.

9

10 CONTINUED BY MR. ROBERT DAWSON:

11 MR. ROBERT DAWSON: These pretty much all
12 fall into the category of quick-snappers, and I'll wait
13 because I have a question for Ms. McLaren.

14 MS. MARILYN MCLAREN: I'm sorry, can you
15 repeat that?

16 MR. ROBERT DAWSON: I -- I didn't -- I
17 just was -- didn't want to ask the question. I'm now
18 turning into the school mother.

19 Two (2) years ago, Ms. McLaren, you and I
20 had a conversation about the way in which the Corporation
21 chooses, or doesn't choose, to pursue extraterritorially
22 licensed drivers, and also to pursue subrogation against
23 the manufacturers of defective vehicles, in a very
24 general sense.

25 And I'm not going to plague you on this;

1 do you -- do you have a recollection of that?

2 MS. MARILYN MCLAREN: Yes, limited.

3 MR. ROBERT DAWSON: Well, I don't want to
4 tress be -- trespass beyond your recollection, so you'll
5 tell me if I'm going too far.

6 I note in the course of this year's
7 Information Requests, I asked a follow-up question, and
8 the keen Mr. McCullouch's already turning to question --
9 Round One, Question 32, which dealt with the question of
10 subrogated claims against extraterritorial drivers.

11 And the question asked essentially is:
12 How many if any did the Corporation launch subrogated
13 claims? And the reply comes back that MPI doesn't track
14 that information.

15 You're able to confirm that answer is
16 correct?

17 MS. MARILYN MCLAREN: Yes.

18 MR. ROBERT DAWSON: And again this may be
19 unfairly stretching your recollections from two (2) years
20 ago, so you'll tell me if it's unfair, but it's my
21 recollection that in the course of talking about, among
22 other things, the pursuit of extra territory --
23 extraterritorially licensed drivers, you agreed with me
24 that it was possible that subrogation against these
25 drivers might in fact increase revenues. And -- well

1 let's leave it at that.

2 Do you have any recollection of that, or
3 am I going too far?

4 MS. MARILYN MCLAREN: No, clearly any
5 money that was recovered from extraterritorial licensed
6 and insured drivers that flowed back into the fund would
7 reduce the expected incurred of those particular claims
8 as -- compared -- if we had to pay them all ourselves.

9 MR. ROBERT DAWSON: I wonder if you have
10 a comment then as to why the Corporation doesn't track
11 how many, if any, such claims it pursued during the last
12 fiscal year?

13

14 (BRIEF PAUSE)

15

16 MS. MARILYN MCLAREN: The department
17 responsible for this work -- I -- I guess maybe the
18 simple way to say it is -- is -- as I understand it, the
19 department responsible for this work manages its case
20 load sort of on a -- on a more global basis. It is not
21 particularly focussed on fiscal year activities.

22 It will have a number of outstanding
23 claims with it -- that it is trying to subrogate, whether
24 they are extra-provincial, whether that is against, you
25 know, convicted auto-thieves, whatever they are, but they

1 don't necessarily track that on a fiscal year basis.

2 Much the same -- from a different
3 perspective, but much the same conversation as some of
4 Mr. Palmer's conversations with other members asking him
5 questions in terms of the insurance year and ultimates,
6 and we have a number of ways to look at things. And the
7 subrogation department does not look at its case load on
8 a fiscal year basis.

9 MR. ROBERT DAWSON: So then it's wrong to
10 say the -- numbers doesn't exist; it's just that the
11 number doesn't exist on a fiscal year, and that's what
12 the question asked you to produce.

13 MS. MARILYN MCLAREN: I believe that to
14 be true, yes.

15 MR. ROBERT DAWSON: Okay. Something for
16 another year then.

17 There's reference in the course of the
18 materials to the LEED certification, that's L-E-E-D
19 certification, that the Corporation has pursued in
20 connection with three (3) of its new buildings claims
21 centres, am I correct in that summary?

22 MS. MARILYN MCLAREN: Yes, the Provincial
23 Government has established a policy for all government,
24 and including Crown Corporations, that new or -- or
25 significant renovation or new building construction be

1 built to silver LEED status.

2 MR. ROBERT DAWSON: And am I correct on
3 this --

4 MS. MARILYN MCLAREN: Our intention is to
5 go with -- to shoot for silver LEED status.

6 MR. ROBERT DAWSON: Am I correct to
7 understand that the way in which LEED certification
8 pursues -- or is -- is obtained rather, is that an
9 engineer specifically trained in LEED, that is
10 environmental design considerations, is specifically
11 retained on the project? Is that the key way that it
12 unfolds?

13 MS. MARILYN MCLAREN: Well, the LEED
14 certification status is awarded or not when all is said
15 and done. So we establish our goal of silver LEEDs in
16 the design phase. It -- it actually has an influence on
17 sites that -- that, you know, may or may not be suitable.

18 Every stage of the process, whether it's
19 the architects, or -- or engineers, or designers, all the
20 way through the process are working and all now are -- it
21 would be part of the criteria actually if we were, you
22 know, looking to award an RFP for any of those
23 professions. We're looking for expertise in that area.

24 But when all is said and done, when it's
25 built then someone from the LEEDs group in some fashion

1 comes and audits the entire process and decides whether
2 or not you have achieved the silver status. So it's not
3 a done deal until it's all said and done and they come
4 back and audit it from start to finish.

5 MR. ROBERT DAWSON: So that final
6 certification process is something over which the
7 Corporation has no control, is that right?

8 MS. MARILYN MCLAREN: Yes.

9 MR. ROBERT DAWSON: Let me turn to my
10 penultimate topic, and this is dealing with data sharing.
11 At the first round information requests, number 27 and
12 following, a question had been posed as to the use by
13 parties other than MPI of the motor vehicle and driver
14 licensing data bases. And I note that you're turning to
15 that now.

16 Have I roughly correctly summarized what
17 you see there?

18 MS. MARILYN MCLAREN: Yes.

19 MR. ROBERT DAWSON: And I just want to
20 make sure because I'm instructed to ask a specific
21 question, there is such a thing as bulk information,
22 which means the party receives a complete copy of the
23 database, am I correct, as opposed to live interactive
24 access?

25

1 (BRIEF PAUSE)

2

3 MS. MARILYN MCLAREN: Yes.

4 MR. ROBERT DAWSON: And just to highlight

5 two (2) of the organizations on the list that received

6 this bulk information, one (1) is CSIS, that is the

7 Canadian Security Intelligence Service, am I correct?

8 MS. MARILYN MCLAREN: Yes.

9 MR. ROBERT DAWSON: And the other one (1)

10 that I'm choosing to highlight is the War Amps of Canada,

11 am I correct?

12 MS. MARILYN MCLAREN: Yes.

13 MR. ROBERT DAWSON: Turning to CSIS, are

14 you -- or is the Corporation, rather, under any

15 legislative obligation to share this information with

16 CSIS?

17

18 (BRIEF PAUSE)

19

20 MS. MARILYN MCLAREN: Yes, we would be.

21 Yes, we are.

22 MR. ROBERT DAWSON: And I don't want to

23 put you on the spot so it may be something on which you

24 may have to take an undertaking, but can you indicate the

25 basis of your statutory obligation to produce that

1 information to CSIS?

2 MS. MARILYN MCLAREN: It would be the
3 same obligation to -- to provide information to law
4 enforcement agencies.

5 MR. ROBERT DAWSON: I'm going to have to
6 ask you, if I can, for a specific reference, and that may
7 be unfair in the circumstance.

8 MS. MARILYN MCLAREN: We'll take that as
9 an undertaking then.

10 MR. ROBERT DAWSON: Thank you, Ms.
11 McLaren.

12

13 --- UNDERTAKING NO. 34: MPI to indicate the basis of
14 their statutory obligation to
15 produce the bulk information
16 to CSIS

17

18 CONTINUED BY MR. ROBERT DAWSON:

19 MR. ROBERT DAWSON: When information is
20 being provided by way of bulk to groups like CSIS, am I
21 correct that among other things that they receive is the
22 name of the person, their address, the date of birth, the
23 height, eye colour, possibly weight?

24 Let's pause at that point.

25 MS. MARILYN MCLAREN: Well, first of all,

1 we don't ask for or record weight; our staff don't
2 estimate and we don't ask.

3 MR. ROBERT DAWSON: I, of all people, am
4 heartened by that.

5 MS. MARILYN MCLAREN: Me too.

6 MR. ROBERT DAWSON: On the question of
7 the driver licence photo, would that be supplied to CSIS?
8 And I ask, even -- even though the question was posed in
9 the course of the Interrogatory, I'm not entirely sure
10 about the answer.

11

12 (BRIEF PAUSE)

13

14 MR. ROBERT DAWSON: And I'm open to an
15 undertaking on that simple question if you'd prefer

16 MS. MARILYN MCLAREN: Maybe just a point
17 of clarification if you want to, after this, make your
18 request for an under -- undertaking more specific, but
19 when we do a -- a bulk download it means that we give
20 them -- maybe it was -- maybe they're asking for a bulk
21 download of vehicle -- vehicle registration information.

22 We give them everything on the vehicle
23 registration data base but not every single piece of data
24 about every single record on that data base. For
25 example, Winnipeg Parking Authority, they're looking to

1 figure out how to mail parking tickets to vehicle owners.
2 They don't have any interest in height and eye colour and
3 driver licence photos or any of those things at all.

4 So even though it's bulk information it's
5 still very specific in terms of what their need is and --
6 and we have to be -- we have to believe that the -- that
7 the specific aspects that they're asking for are
8 appropriate for what their need is.

9 So, no, I don't know that we give driver
10 licence photos to anybody. You know, a lot of -- a lot
11 of them, like Parking Authority, is that limited, they
12 want to mail parking tickets to people. R.L. Polk
13 doesn't even want names and addresses, they just want to
14 know what kind of vehicles there are in Manitoba. So it
15 is very situation specific to the legitimate requests
16 that come in.

17 MR. ROBERT DAWSON: So let me ask you a
18 "Yes," "No" or "I don't know" question. Does CSIS get a
19 copy of everyone's photo that's taken for driver
20 licensing? And if you can't answer I'm willing to take
21 it by way of an undertaking.

22 MS. MARILYN MCLAREN: No, they don't.

23 MR. ROBERT DAWSON: Thank you. And I'd
24 just like to confirm that when this information is
25 released, as you've indeed indicated in your reply to 1-

1 30, the consent of drivers or vehicle insured is not
2 sought, is that correct?

3 MS. MARILYN MCLAREN: Yes, that's right.

4 MR. ROBERT DAWSON: And let me move to my
5 very last area of conversation with you today,
6 unfortunately for me, and this should be fairly quick.
7 It's been, it seems, a recurring concern for this Board
8 that the way in which MPI has structured its affairs may
9 remove extension and DVL operations from scrutiny that
10 perhaps this Board would like to exercise. Would that be
11 a fair summary of indications we've received over the
12 past few years?

13 MS. MARILYN MCLAREN: Not quite. I don't
14 think there's any risk of anything being removed. I
15 don't think that oversight has ever -- I know the
16 oversight has never been here. So I think that certainly
17 is clearly the sense I have. The Board has written in
18 its orders that it would like more jurisdiction than it
19 has or has had.

20 MR. ROBERT DAWSON: And if I understood
21 you correctly earlier in these particular proceedings,
22 you had indicated in the context of releasing information
23 in reply to a question from My Learned Friend, Mr.
24 Saranchuk, that it might actually be harmful to the
25 financial or economic interests of the Corporation to

1 release some or to disclose some information in the
2 context of extension. Do you remember that?

3 MS. MARILYN MCLAREN: Yes.

4 MR. ROBERT DAWSON: And just for the sake
5 of confirmation, you'd agree, or at least you -- you
6 continue to think that there was some information held by
7 the Corporation when it comes to extension that if
8 released would be financially or economically harmful to
9 it in the context of competition from others, am I right?

10 MS. MARILYN MCLAREN: Absolutely. And I
11 think that's when you start to get to a level of detail,
12 you know. I mean, the -- the superintendent's report
13 that we filed in response to an under -- request on
14 undertaking is public information. The people who are
15 competing with us know exactly what those reports say,
16 follow it very closely.

17 So it's not like putting that information
18 at that level of detail caused any harm to anybody. But
19 when it comes to a level of detail, absolutely. We work
20 very hard to continue Manitobans' practice of choosing us
21 when they don't have to, and we want to continue to be
22 able to work very hard at that.

23 MR. ROBERT DAWSON: There are two (2)
24 arguments that often are made in reply to what you've
25 just said and I'd like to give you the opportunity to

1 respond to these arguments.

2 Now, the first one would be: So what if
3 your extension business were harmed, you still got Basic
4 and you've got it on a monopoly basis. You can recover
5 through Basic.

6 MS. MARILYN MCLAREN: Well, I don't think
7 it would be appropriate for the Corporation to be looking
8 to recover anything through the Basic Compulsory Program.

9 The Basic Compulsory Program is specified
10 in law; that's what the people of Manitoba believe -- the
11 government of Manitoba believes should be -- must be
12 purchased, and should be available on a guaranteed access
13 basis to the motorists of Manitoba, and that does stand
14 on its own. And the Corporation exists for the most part
15 to operate that monopoly program.

16 Whether or not Manitobans are well served
17 by having access to strong and robust competitive
18 optional coverages and programs, they seem to think so at
19 this point in view -- in time. I think it's -- it's our
20 job at Manitoba Public Insurance to continue to make sure
21 they have that kind of access, they have that kind of
22 opportunity for -- for high quality products, well
23 priced, readily accessible. That's very, very important
24 to the people of Manitoba, as far as we can tell, because
25 they're buying it from us.

1 So there really isn't, I don't think at
2 all, a legitimate argument to say, Don't worry about it,
3 you can pick it up out of Basic; that there's a
4 legitimate balance between what is mandatory and what is
5 not and a legitimate balance between what people have a
6 choice over and what they don't. And the situation as it
7 -- as it sits right now with the Corporation
8 administering different lines of business, provides
9 phenomenally good value to Manitobans across the
10 spectrum, in our view.

11 MR. ROBERT DAWSON: And the second
12 argument against what you're saying, and I'll again just
13 throw it out and I think you'll be able to reference some
14 of the things you've just said, is that you already have
15 -- the Corporation already has a monopoly when it comes
16 to Basic. Arguably in exchange for that, there should be
17 complete transparency when it comes to operating
18 extension, and even DVL.

19 What would be your reply on that?

20 MS. MARILYN MCLAREN: Well, I guess my
21 reply, first of all, is that there's nobody in this room
22 that really has control over that. Those are issues for
23 the Legislature -- the duly elected representatives of
24 the people of Manitoba.

25 I think there is significant transparency

1 of the Corporation's activities, because it's a Crown
2 corporation. And I think the fact that there should
3 somehow be some price to be paid because we have the
4 monopoly is -- that -- that's very -- from my
5 perspective, a very odd view of what the Corporation has
6 been asked by the government of Manitoba to do. It is
7 administering a legislative program.

8 If it was given a charter, and said, Go
9 away, come up with a Basic compulsory insurance program,
10 run it as you see fit, and then you can do whatever else
11 you want, and just generally let us know every once in a
12 while how that works out for you, maybe there would be
13 some basis to that kind of a perspective. But I think that
14 -- that the critical thing is, is that even when it comes
15 to extension, might -- those products, the coverages, are
16 all in legislation, particularly the Basic Compulsory
17 Program, but also extension. It's there in legislation.

18 The Government of Manitoba, on the DVL
19 side of things, decides what are the criteria to pass or
20 fail a driver test in this province; it's not the
21 Corporation's jurisdiction.

22 So I think there's a significant amount of
23 transparency. I think there's an inherent belief in most
24 circles, clearly at this point in the government, that it
25 is in Manitoban's best interests to have access to the

1 kinds of extension services and products that the
2 Corporation provides through legislation, and that the
3 context of a Basic Compulsory Program specified in the
4 legislation where the rates are reviewed and approved in
5 this very public forum by the PUB, all told, and
6 particularly, I guess, more recently as we've been
7 talking about just a little bit, and will more in the new
8 year, by pulling some of the services together, you can
9 provide value that has yet -- really sort of raises the
10 bar, in terms of what value is provided by Manitoba
11 Public Insurance, in the context that we have.

12 So the fact that there is law about what
13 exactly you have to buy to hold a driver licence, or get
14 a vehicle registerednks for use on the road is specified
15 in law. There's some particularly important parameters
16 around that and that's what makes the regulatory
17 framework so critical to the basic compulsory program.

18 And that's why, in my view, that's the --
19 the limit of where that value comes, to that specified
20 mandatory universally available guaranteed access
21 insurance program.

22 MR. ROBERT DAWSON: Now I'll take away
23 the platform that I've given you and just ask you one (1)
24 last question.

25 In the context -- I'm wondering if you're

1 aware of that in the context of ICBC, the British
2 Columbia Information and Privacy Commissioner issues two
3 (2) orders numbered 1594 and 31299 that supports your
4 position to refuse disclosure when it comes to extension
5 and probably DVL as well.

6 MS. MARILYN MCLAREN: I knew that the
7 Commissioner was involved, I knew that there was that
8 sort of decision, and I certainly did not know the
9 detail, that there was two (2) and that they ac -- the --
10 the references that you've provided, I'll take that, as
11 you've said, but I knew the issue was there and the
12 outcome was as you've stated.

13 MR. ROBERT DAWSON: I'm trying to be as
14 irrelevant as Mr. McCulloch would like me to be. And,
15 Mr. Chairman, I apologize for going past the promised ten
16 (10) minutes, but that does conclude my questions,
17 subject to the reply to the undertaking that I've
18 requested.

19 Thank you, Mr. Chairman.

20 THE CHAIRPERSON: Thank you, Mr. Dawson.
21 Thank you to the panel.

22 MR. KEVIN MCCULLOCH: Mr. Chairman.

23 THE CHAIRPERSON: Ms. Everard...?

24 MS. CANDACE EVERARD: I just had a couple
25 of issues that I wanted to raise related to some of the

1 undertakings given by the Corporation.

2 Firstly, number 3 related to advice of
3 whether the external auditors had provided a management
4 letter on the results of the external audit. I don't
5 think that one (1) has been answered, and if I'm wrong,
6 then correct me, but we were hoping to get that before
7 tomorrow.

8 MR. KEVIN MCCULLOCH: You're not wrong,
9 Ms. Everard, and -- and the -- the item that was taken
10 under advisement was whether we would provide a copy not
11 whether they had provided a management letter.

12 Obviously -- no, there was a management
13 letter provided as part of the -- the audit and I can
14 have Ms. McLaren speak to that tomorrow if you wish.

15 MS. CANDACE EVERARD: Thank you. I also
16 just wanted to state for the record, I've noticed that
17 the numbering that the Corporation's been using doesn't
18 exactly jive with what the court -- court reporter has,
19 so I've figured out what goes with what and I can read
20 that in if that would people or people can see me. I
21 just don't want them to be confused.

22 THE CHAIRPERSON: You might as well read
23 it in then. Sure, go ahead, read it in.

24 MS. CANDACE EVERARD: Thank you, Mr.
25 Chairman. It would appear that the numbering is in sync

1 up to number 18 -- oh, pardon me, I have misspoken, up to
2 number 14, so 1 through 14 are fine.

3 The one (1) with the -- or the one (1)
4 that the Corporation has filed as number 16 is number 15
5 on the court -- on the court reporter's list. The one
6 (1) that the Corporation has filed as number 18 is number
7 16 on the court reporter's list.

8 The one (1) the Corporation has filed as
9 19 is number 17 on the court reporter's list. Number 18
10 on the court reporter's list is still outstanding. Then
11 there was one (1) that the Corporation filed as number
12 20, relating to the comprehensive breakdown of the BPR
13 expenses, which is actually not on the court reporter's
14 list but it was an undertaking.

15 The one (1) that the court reporter has
16 listed as 19 has been answered by the Corporation as 23.
17 The one (1) that the Corpora -- that the court reporter,
18 pardon me, listed as 20 has been answered by the
19 Corporation as 24.

20 The one (1) that the court reporter listed
21 as 21 has been answered as 25 by the Corporation. The
22 one (1) that the court reporter listed as 22 has been
23 answered as 26(a) by the Corporation.

24 The one (1) that the court reporter listed
25 as 23 has been answered as 26(b) by the Corporation. The

1 one (1) that the court reporter listed as 24 has been
2 answered as 27 by the Corporation.

3 Court reporter's 25 has been answered as
4 28(a). The court reporter's 26 has been answered as the
5 Corporation's 28(b). The court reporter's 27 has been
6 answered as 28(c) and the court reporter's 28 has been
7 answered as 28(d).

8 And then from 29 through 32, which is the
9 end of the transcript from last Tuesday, we're back in
10 sync.

11 THE CHAIRPERSON: Thank you. Mr.
12 McCulloch...?

13 MR. KEVIN MCCULLOCH: Mr. Chairman, I
14 want to thank Ms. Everard for that. It -- it appears we
15 were seeing undertakings all over the place and we were
16 aware of the fact that we weren't in sync with the --
17 with the transcript but chose to -- to answer them the
18 way we had recorded them.

19 On that point, and if the Chair wishes, we
20 can do it now or we can do it tomorrow morning, but Mr.
21 Palmer has an answer to an undertaking that we didn't
22 accept and this was a request by Mr. Oakes with respect
23 to the practice in SGI, and Mr. Palmer declined to give
24 him an undertaking, has thought better of it, and is
25 willing to provide that information on the record.

1 THE CHAIRPERSON: Let's have it. Mr.
2 Palmer...?

3 MR. DON PALMER: Last week, Mr. Oakes and
4 I had a conversation on wildlife claims and how they're
5 attributed to -- for rate setting purposes.

6 And he produced an email from Mr. Greg
7 Franks of -- of SGI that said that wildlife claims were
8 coded as not at fault, and then went on to put it to me
9 in a question, and I'll just read from 1067 of the
10 transcript:

11 "That suggests to me, Mr. Palmer, and
12 perhaps you can confirm that it would
13 be your understanding that SGI is not
14 allocating the claims expense arising
15 from a vehicle or a wildlife claim to
16 the motorist involved because of that
17 coding not at fault?"

18 And I disagreed with that statement and --
19 and we went back and forth. And then -- and then he
20 asked me if I would take the undertaking as far as how
21 exactly SGI did that and I declined on the basis that it
22 wasn't germane to the application. I stand by that
23 because rate methodologies of other jurisdictions are not
24 necessarily germane to this hearing, I don't believe.

25 However, it certainly is most important to

1 us that our good friends at SGI, in general, and -- and
2 Mr. Franks specifically, that they are not misrepresented
3 by anything that goes on in this hearing.

4 And certainly, I thought that Mr. Oakes'
5 supposition that a finding of not at fault on a claim
6 file expanding that into a rate or a claims attribution
7 for rate setting purposes was a bit of a stretch and
8 certainly, for instance, comprehensive claims are coded
9 as not at fault and -- but still are attributed to a
10 class for rate setting purposes.

11 So I -- I thought that in my own mind I
12 would seek to clarify and I had a conversation with Mr.
13 Franks, and I explained to him what happened and how his
14 information was used by the CMMG, and put forth a more
15 direct question basically saying, how do you attribute
16 wildlife claims?

17 And his answer was that they are
18 attributed directly to the classification involved. So
19 that's exactly the same as MPI does it. Our treatment of
20 wildlife claims, in all aspects, coding is not at fault.
21 The application of deductibles on Basic and on an
22 Extension basis and the attribution to the classification
23 for rate setting purposes are exactly the same between
24 MPI and SGI.

25 THE CHAIRPERSON: Well, thank you, Mr.

1 Palmer. I'm sure Mr. Oakes will appreciate that, as
2 well.

3 Okay. We'll see you all tomorrow at 9:00.

4 Thank you.

5

6 --- Upon Adjourning at 4:28 p.m.

7

8 Certified Correct

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13 _____
Cheryl Lavigne, Ms.

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