

TABLE OF CONTENTS

	PAGE
Opening Remarks	1
CMD 18-H6.69	5
Oral presentation by the Power Workers' Union	
CMD 18-H6.42	23
Oral presentation by Darlene Buckingham	
CMD 18-H6.60	33
Oral presentation by Michael Duguay	
CMD 18-H6.156	65
Oral presentation by Stuart Smith	
CMD 18-H6.65	83
Oral presentation by Ian Fairlie	
CMD 18-H6.77	103
Oral presentation by the Ontario Clean Air Alliance	
CMD 18-H6.43/18-H6.43A	127
Oral presentation by the Canadian Nuclear Association	
CMD 18-H6.34	146
Oral presentation by Evelyn Butler	
CMD 18-H6.20	154
Oral presentation by Reactor Engineering Services Development (RESO Inc.)	
CMD 18-H6.44	183
Oral presentation by SNC-Lavalin	
CMD 18-H6.45	192
Oral presentation by Women in Nuclear Canada	
CMD 18-H6.37/18-H6.37A	207
Oral presentation by Canadian Nuclear Workers Council	

So we do have Dr. John Adams available to us here now, who is from NRCan and is a recognized expert on seismicity. The reason I put that is, as you mentioned, with respect to Fukushima, it was a level 9 earthquake which is not credible around here which then caused the tsunami, and we all know the story after that. But also, I think, yesterday there was some talk about fault lines and yes or no under the Pickering or by Pickering.

So while Dr. Adams was not available yesterday, he is available now. So perhaps could I ask Dr. John Adams to provide us some information on that.

DR. ADAMS: Dr. John Adams, Natural Resources Canada, for the record.

Yes, these issues actually came up in the 2013 hearing and I guess there's two aspects of them. The first is the persistent seismicity under Lake Ontario and the relatively short record, and the second is the faulting in the Rouge River Valley.

I don't think the presentation yesterday or today really have amplified any particular objection to that. There are persistent earthquakes under Lake Ontario. The most recent one was in May of this year, May the 8th, and it was about a magnitude 3, about 13 kilometres southeast of the Pickering nuclear plant. That's typical of an earthquake that happens about every six years on

