

Activities for the Profession since 2001 Presidency

This document outlines some of Peter's accomplishments with the engineering profession since being President of PEO.

2002 – Past President

2003 – Penultimate Past President and on the Central Nomination and Election Committee (a committee first proposed by Peter in the 1995 Election Reform Task Force).

2005-2008 : Elected to the OSPE Board

Accomplishments: assisted with the creation of the Strategic Plan and in particular championed the concept of the Political Action Network which today is one of OSPE's strong claims to act as the Engineer's advocacy body. This one key addition helps OSPE today in fulfilling its mission to : *“To become the leader in advocating for the engineering profession with outside bodies in Ontario”*¹ The PAN is Strategic Goal #3.

OSPE: Worked several OSPE Committees including the Specialties initiative and the Engineering Act issues particularly around the Industrial Exception.

2008- present:

OSPE:

OSPE's Energy Task force. One major accomplishment was as one of the principle participants in the 'Wind and the Grid' paper that established OSPE and the task force's expertise in energy matters. The Minister of Energy seeks OSPE's input as a result. The paper recommended that Nuclear Reactors be made more maneuverable and that storage be added to the grid so that new Green Energy sources like Wind and Solar can be integrated properly. Such integration will also reduce or eliminate selling our energy at negative prices! The Minister has acted on our recommendations and once Darlington adds maneuverability some time in the 2017 period we should be able to avoid these losses to the Ontario system.

PEO:

Chair of the Emerging Disciplines Task Force. By 2010 we completed the phase 1 reports for Nanotechnology and Molecular Engineering (NME) and the Communications Infrastructure Engineering (CIE) reports. On the basis of these reports PEO Council approved declaring these as new disciplines of practice in Engineering. Since 2010 the Committee has prepared its Phase 2 reports which deals with the establishing of Rights to Practice for these engineering disciplines. In previous work with Software Engineering and BioEngineering, we know that the implementation of phase 2 is very difficult. The Task Force has remained constituted to help the other regulatory committees come to grips with what these new practices mean. In 1922 when PEO was formed we had issues in handling rights to practice which were resolved by the 1937 Act revision. However, since then we have many new disciplines. PEO has forgotten how to implement such new areas. This is a problem unique to the Engineering profession in that new science and technology create whole new areas of practice that did not exist before. Software Engineering for example did not exist in 1922. As long as we have growth in new science, we

¹ OSPE's **Strategic Plan. 'An Opportunity for Growth'**, May 19, 2005

will have more new areas of practice and at an ever accelerating pace of advance. The Profession needs much more pro-active work in governing new areas. Our past processes are not getting us to where we need to be in order to serve and protect the public interest in these new areas.