



**Canadian Nuclear Society  
Société Nucléaire Canadienne  
Ottawa Branch**

*For our last session of the 2009-10 season we join the International System Safety Society, Canada Chapter (ISSS) for its planned luncheon meeting on May 6, 2010:*

**Integrated Management System Standards in the  
Canadian Nuclear Industry**

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The principal causes of major accidents in recent history that had significant public and economic impact have been identified as resulting from human, technical and organizational failures. Inquiries into these major accidents found faults in the organizational structures and management processes, which were judged to be as significant as the technical and individual human failures. These findings have highlighted the need for organizations to improve their safety cultures and management systems and focus on the management of safety.

The nuclear industry, not unlike other high reliability industries, is a player in the global trend towards the integration of management systems thereby ensuring the organization considers requirements and issues related to safety, quality, environment, personnel and economy in a holistic manner. Safety is an integral component of the way organizations manage their business and it includes the involvement and participation of all employees.

The Canadian Nuclear Industry, primarily the power plants at this time, is adopting the CSA N286-05 standard entitled "Management System requirements for Nuclear Power Plants". This standard is evolving to better incorporate and improve on international guidance on management systems provided by such organizations as the IAEA.

This talk will focus on the current and near term status of management systems within the Canadian nuclear industry and how they contribute to good safety management performance.