

DAVE STIERS, P. ENG.

Senior Consultant, Risk Management



Stiers is a Professional Engineer with over thirty years' experience working at a Canadian nuclear power plant. Stiers has broad and diverse experience working in a variety of roles and has spent the last five years working on the planning and development phases of the Darlington Refurbishment Program.

EXPERIENCE

Ontario Power Generation (OPG), 1985-2016

Director Management Systems Oversight, Darlington Refurbishment Program (DRP), October 2011 to July 2016

- ▶ Member of the Refurbishment Project Executive Team from 2012 to 2014
- ▶ Developed software tools and processes to integrate, Risk, Risk Mitigation Plans, Actions and Oversight Activities
- ▶ Member of the Risk Oversight Committee, the purpose of which was:
 - To monitor the overall health and content of the DRP risk program within Refurbishment;
 - Challenge risks of high impact and/or urgency to Refurbishment;
 - Assist in the organization of and prioritization of risk by defining risk breakdown structure elements called "Key Risk Areas";
 - Discuss the quality of the information present in the risk register including the implementation of appropriate risk response strategies;
 - Discuss emerging risk; and
 - Initiate action to address deficiencies or gaps in risk management execution in refurbishment.
- ▶ Developed and implemented the Program Assurance Group and Internal Oversight Model for the DRP in order to identify and mitigate risks to the DRP
- ▶ Implemented and monitored a Governance Framework for the Darlington Refurbishment Program
- ▶ Led multiple strategic planning activities in the development and planning phases of the DRP
- ▶ Alternative Chair of the DRP Oversight Committee, and Corrective Action Review Board
- ▶ Implemented the Corrective Action Program for the DRP, including chair of the Management Review Meeting
- ▶ Assisted contract partners in the implementation of their Corrective Action Programs
- ▶ Provided interface and logistical support for External Auditors
- ▶ Led a dynamic team of Auditors, Root Cause Evaluators and Process Specialists

EXPERTISE

- ▶ System Engineering
- ▶ Project Management
- ▶ Information System Development
- ▶ Process Development
- ▶ Governance and Management Systems
- ▶ Project Oversight and Program Assurance
- ▶ Corrective Action Programs

30+ YEARS OF EXPERIENCE



DAVE STIERS, P. ENG. (continued)

Manager Strategic Planning, Pickering B, January 2007 to September 2011

- ▶ Accountable for Generation Planning for Pickering B and Pickering A, 2010-2011
- ▶ Lead for Business Planning for 2007-2009
- ▶ Developed and documented the night shift production of the outage schedule
- ▶ Reworked all Condition Component Assessments for CNSC for Integrated Safety Review of Pickering B
- ▶ Developed financial models for business planning, outage manpower estimating and outage scoping
- ▶ Implemented the Project Approvals Committee Pickering
- ▶ Worked as an Outage Control Center Manager in 5 Pickering B Outages

Manager Outage, Pickering B, October 2004 to December 2006

- ▶ Outage Manger for Forced Outages, managed and returned units to service for 10 forced outages for Pickering B
- ▶ Led a dynamic department that provided functional support, information technology services, IMS Contract Management, Business Planning and Special Project for Work Management
- ▶ Assisted in the development of the 85/5 theme for the 2005-2010 Business Plan
- ▶ Developed and implemented Super PEGs for Integrated Operational Planning, delay tracking process and cost mitigation process for P681 outage
- ▶ Led a dedicated team in the development of the Nuclear Inage Management System, (NIMS)
- ▶ Developed and documented the night shift production of the outage schedule

Section Manager, Performance Engineering, Pickering B, September 2000 to September 2004

- ▶ Supervised and directed 12 System Engineers
- ▶ Led in development and implementation a Scope Review Tool for Performance Engineering B
- ▶ Assisted Management team in equipment and system related issues:
 - Loss of Bulk Electrical System outage, radioactive waste management Issues, forced outages, Powerhouse Emergency Venting freezing event, 4 station shutdown due to crack emergency condenser make-up line, Water Treatment Plant inoperability issues, ice blockage affecting intake channels and Low Pressure Service Water operability concern

Scheduling Section Manager, Integrated Operational Planning, Pickering B, January 1998 to September 2000

- ▶ Publisher of the weekly IOP B Schedule, moved scheduling products from a paper based to a Web based infrastructure
- ▶ Incorporated the scheduling of Safety Related System Tests into the IOP B Schedule
- ▶ Developed processes to manage preventative and corrective maintenance, scheduling of the plan and integration of outage and operating work programs
- ▶ Acted as Single Point of Contact, (SPOC) for scheduling of Operational Work on numerous occasions



DAVE STIERS, P. ENG. (continued)

Technical Supervisor, Maintenance Programs, June 1997– December 1997

- ▶ Assistant to the Maintenance Manager for both Pickering A and B
- ▶ Developed software tools and reporting tools to support the above procedures
- ▶ Developed and maintained work program for the Maintenance Department
- ▶ Published weekly department tailgate and communication package

Technical Supervisor, Information Systems Support, Production Coordination Unit, June 1994 – May 1997

- ▶ Assistant to the Maintenance Manager for both Pickering A and B
- ▶ Led the development, implementation and training for the following software systems, Data Acquisition and Reporting System (DARS), Pickering Nuclear Division Information System (PNDIS), Shift Maintenance Log, Outage Log, Shift Supervisor Log and Outage Log

Technical Supervisor, Operations Rehabilitation Section Information System Support March 1992 - May 1994

- ▶ Led the development, implementation and training for the following software systems: Pickering Technical Database, PC1, Jumper Records, Pressure Boundary Log and Permit Tracking System

Technical Engineer, Information System Support, Operations Rehabilitation Section, October 1990 - March 1992

- ▶ Developed and maintained a LAN for Operations Rehabilitation Section
- ▶ Introduced Windows graphical interface as software tool at Pickering Nuclear
- ▶ Introduced relational databases and client server technology to Pickering Nuclear

Assistant Technical Supervisor, Technical Section, September 1985 - September 1990

- ▶ System Responsible Engineer for Steam and Feedwater Systems Pickering A
- ▶ Site Facilities Engineer for Air Conditioning, Water, Civil Structures and drainage systems, Pickering A/B

EDUCATION

University of Windsor, 1980-1984, Windsor ON

- ▶ Bachelor of Applied Science, Chemical Engineering
- ▶ Dean's List (1983-1984)

