

# BRAD M. WILLIAMSON

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## PROFILE

- PRESIDENT & OWNER**
- Interlogic, Inc., 15 years providing consulting services to senior management at nuclear utilities, 1-4 employees
- OFFER SUMMARY**
- Intervention in business situations at the request of senior management to produce change in management behavior and department or organizational performance directly related to the company's goals and mission.
- AREAS OF EXPERTISE**
- Configuration Management Systems and Technology; Organizational Change Management; Senior Management & Employee Concerns Investigations; Measurement Design & Performance Indicators; Engineering & Management Assessments; Design and Licensing Bases; Coordination Assessment; Work Flow Evaluation; Process Analysis; and Production Performance Improvement.

## AREAS OF EFFECTIVENESS

- INTERVENTIONS INCLUDING INVESTIGATION, ASSESSMENT & EVALUATION**
- Conducted sensitive and confidential investigations of Senior Management regarding Safety Conscious Work Environment allegations with coaching and reporting at the Vice-President level;
  - Developed and conducted seminars on organizational change management for Eastern European/Baltic States plant managers through the International Atomic Energy Agency (IAEA).
  - Performed Senior Management level investigations of Engineering, Operations and Maintenance organizations including an Operations Department Management Receptivity and Responsiveness Assessment;
  - Conducted sensitive and confidential investigations of employee allegations under 10CFR50.7 and ERA section 211 for formal Employee Concerns Programs;
  - Facilitated Ice Condenser Refurbishment Project Independent Assessment as Team Leader;
  - Assessed Mechanical Maintenance Department effectiveness and developed innovative Departmental reorganization plan;
  - Evaluated Instrument Maintenance Department effectiveness and implemented Control Room Work Request backlog reduction;
  - Provided coaching and performance enhancement recommendations to all levels of Station management.
- PROJECT MANAGEMENT**
- President and owner of nuclear management consulting company viable for over 14 years generating \$2M in revenue;
  - Active in management of engineering consulting company regional growth from 1 to 9 people over 1 year with revenues approaching \$2M;
  - Coordinated engineering assessments of system performance, reliability, maintainability, and financial impact;
  - Managed implementation of database management system for licensing basis evaluation and tracking during Technical Specification Improvement Program.

# **BRAD M. WILLIAMSON**

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## **PUBLICATIONS**

*The Razor's Edge* – Weblog – <http://www.interlogic-inc.com/weblog/razorsedge.html>

*Operational Measurement Systems: Foundations for Performance*, with James M. O'Connell, Publisher to be announced, Expected release, Spring, 2009

*A New Taxonomy for Configuration Management: Requirements, Technology, and the Design Bases of Nuclear Power Plants*, with James M. O'Connell and Wayne J. Merritt, International Atomic Energy Agency, International Conference on Knowledge Management in Nuclear Facilities, Vienna, 2007

*Integrate and Automate Configuration Management for New Plants*, co-author, Kyung Sup Yoon, James M. O'Connell and Wayne J. Merritt, American Nuclear Society, ANS National Meeting, Boston, 2007

*A New Design for Configuration Management: Managing the Design Bases of Nuclear Power Plants*, with James M. O'Connell and Wayne J. Merritt, American Nuclear Society, ANS National Meeting, Boston, 2007

IAEA TECDOC 1226, "*Managing Change in Nuclear Utilities*" Rev. 1, co-author, International Atomic Energy Agency, 2005

*The Role of Language and Abstraction in the Safe Operation of Complex Systems*, with James M. O'Connell, International Conference on Nuclear Engineering, 2004

*Producing Effective Change in Production Oriented Organizations: New Thinking on Breakdowns Related to Business Re-Engineering*, with James M. O'Connell, American Nuclear Society Executive Conference; *Managing the Transition: Implementing Change in the Nuclear Industry*, 1994

*Reactor Recirculation Flow Control System Replacement*, Dresden Station, Commonwealth Edison, 1993

*A Process for the Systematic Evaluation of the Adequacy of Plant Procedures Impacted by Technical Specification Improvement Programs*, Commonwealth Edison/Synfinity, Inc., 1991

*10 CFR 50.59 Safety Evaluation Methodologies*, with Bob Adams, Richardson-Estes, Ltd., 1988

## **EDUCATION**

Leadership, Entrepreneurship, Innovation and Power Program, Hecht and Associates, Inc. – 1997/1998

Sales Professional's Course, Hecht and Associates, Inc. – 1994–1997

Detroit Edison Operator Licensing Program – 1986–1987

U.S. Navy Nuclear Power School/Prototype – 1978–1979

Texas A&M University, Geophysics – 1974/1977.

## **CERTIFICATIONS**

NRC Senior Reactor Operator Certification, Detroit Edison, BWR 4/5, NRC Docket #55-31189

## **EMPLOYMENT/PROJECT HISTORY AND REFERENCES**

Available on request.