


United States Nuclear Regulatory Commission Official Hearing Exhibit	
In the Matter of:	NUCLEAR INNOVATION NORTH AMERICA LLC (South Texas Project Units 3 and 4)
	ASLBP #: 09-885-08-COL-BD01
	Docket #: 05200012   05200013
	Exhibit #: STP000039-00-BD01
	Admitted: 1/6/2014
	Rejected:
Other:	Identified: 1/6/2014 Withdrawn: Stricken:

**STP000039**  
**July 1, 2013**

## Mark Alan McBurnett

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### WORK EXPERIENCE

Nuclear Innovation North America (4/12 to present) Chief Executive Officer and Chief Nuclear Officer – Responsible for Nuclear Innovation North America and South Texas Project Units 3&4

Nuclear Innovation North America (2/11 to 4/12) Chief Nuclear Officer – Responsible for licensing, regulatory compliance, permits and oversight of new units

STP Nuclear Operating Company (7/06 to 2/11) Vice President, Oversight and Regulatory Affairs, Units 3 & 4 – Responsible for licensing, regulatory compliance, permits and oversight of new units

STP Nuclear Operating Company (10/98 to 7/06) Manager, Nuclear Safety Assurance – Responsible for licensing, regulatory compliance, quality assurance, and probabilistic risk assessment

Houston Lighting & Power/STP Nuclear Operating Company (12/94 to 10/98) Manager, Nuclear Licensing – Responsible for licensing and regulatory compliance for South Texas Project

Houston Lighting & Power (8/94 to 12/94) Manager, Technical Specification Improvement Project – Responsible for conversion of South Texas Project Technical Specifications to Improved Standard Technical Specifications

Institute of Nuclear Power Operations (9/93 to 8/94) Loaned employee from Houston Lighting & Power to Outage Management Department as an evaluator

Houston Lighting & Power (1/91 to 9/93) Manager, Integrated Planning and Scheduling – Responsible for outage management and planning, at power work scheduling, and modification scheduling

Houston Lighting & Power (12/87 to 1/91) Manager, Nuclear Licensing – Responsible for licensing activities, interface with the Nuclear Management and Resources Council (NUMARC), Emergency Preparedness Division, Independent Safety Engineering Group, and employee concerns program

Houston Lighting & Power (9/83 to 12/87) Supervisor, Licensing – Responsible for licensing activities related to plant operations such as Technical Specifications and emergency and security plans

Houston Lighting & Power (10/81 to 9/83) Engineer, Licensing – Responsible for various licensing tasks including the Final Safety Analysis Report (FSAR), 50.55(e) reports and NRC questions

Tennessee Valley Authority (10/78 to 10/81) Engineer, Licensing – Responsible for various licensing tasks including FSAR, 50.55(e) reports and NRC questions

Texas A&M University (9/77 to 10/78) Teaching Assistant – Responsible for administering lab courses and grading assignments for nuclear detection and reactor experimentation labs

Corps of Engineers (5/75 to 8/77) Engineer Trainee/Coop Student – Participated in hydrographic survey, drafting, inspection and other matters related to maintaining intra-coastal waterways and ship channels

## **EDUCATION**

Texas A&M University - College Station, Texas

Master of Engineering Degree received December 1978 - Nuclear Engineering

Bachelor of Science Degree received in May 1977 - Nuclear Engineering

Westinghouse Senior Reactor Operator (SRO) certification course, Zion, IL in 1983

## **REGISTRATION**

Registered Professional Engineer - Texas