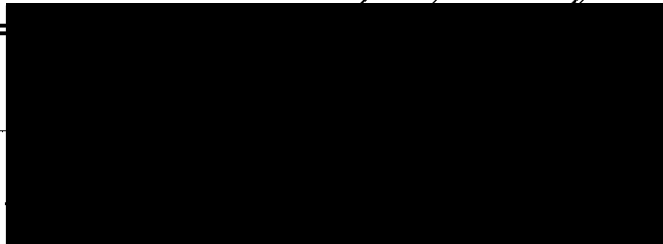


Committee on Energy and Commerce
U.S. House of Representatives
Witness Disclosure Requirement - "Truth in Testimony"
Required by House Rule XI, Clause 2(g)(5)

1. Your Name: The Honorable Charles D. McConnell		
2. Your Title: Executive Director, Energy and Environment Initiative		
3. The Entity(ies) You are Representing: Rice University		
4. Are you testifying on behalf of the Federal, or a State or local government entity?	Yes	No <input checked="" type="checkbox"/>
5. Please list any Federal grants or contracts, or contracts or payments originating with a foreign government, that you or the entity(ies) you represent have received on or after January 1, 2013. Only grants, contracts, or payments related to the subject matter of the hearing must be listed. <p style="text-align: center; font-size: 2em;">N/A</p>		
6. Please attach your curriculum vitae to your completed disclosure form.		

Signature: _____



Date: _____

30 June 16

Charles D. McConnell



Charles D. McConnell is Executive Director of Rice University's Energy and Environment Initiative, a university-wide integration of science, engineering, economic analysis, policy and social sciences to address the diverse issues and challenges associated with energy security, affordability and environmental sustainability. The effort is designed to partner with industry and external stakeholders and position Rice as an impartial broker that combines technology and policy to create a sustainable energy platform for excellence in resource utilization and environmental stewardship.

A 35-year veteran of the energy industry, McConnell joined Rice in August 2013 after serving two years as the Assistant Secretary of Energy at the U.S. Department of Energy. At DOE, McConnell was responsible for the strategic policy leadership, budgets, project management, and research and development of the department's coal, oil and gas, and advanced technologies programs, as well as for the operations and management of the U.S. Strategic Petroleum Reserve and the National Energy Technologies Laboratories.

Prior to joining DOE, McConnell served as Vice President of Carbon Management at Battelle Energy Technology in Columbus, Ohio, where he was responsible for business and technology management, including leadership of the Midwest Regional Carbon Sequestration Partnership.

McConnell also spent 31 years with Praxair, Inc., providing business leadership and strategic planning to the global hydrogen business, refining and chemicals markets, enhanced oil recovery, carbon dioxide management and the full range of energy technology R&D activities.

McConnell has held a number of board positions including chairmanships of the Gasification Technologies Council and the Clean Carbon Technology Foundation of Texas. McConnell holds a bachelor's degree in chemical engineering from Carnegie-Mellon University (1977) and an MBA in finance from Cleveland State University (1984).

Charles D. McConnell

PROFESSIONAL EXPERIENCE

U.S. Department of Energy

2011 – 2013

Assistant Secretary, Fossil Energy

Politically appointed and Senate confirmed to lead policy, strategy, external relationships within the U.S. government and private stakeholders, as well as the functional operation of the Fossil Energy Department.

Four Departments —Yearly Budget \$750MM / 3,500 Employees

Coal

- EPRI, Coal Utilization Research Council, Nat. Grid Reliability
- \$3.2B Clean Coal project portfolio for Carbon Capture, Utilization & Storage with a \$14B industry cost share. Corresponding R&D 10-year roadmap for applications planning and budgeting.

Oil & Gas

- Domestic & International Oil and EOR
- Interagency MOU with DOI, EPA and DOE for unconventional oil exploration and natural gas fracking

Strategic Petroleum Reserve

- 5 locations and 1,500 employees
- IEA & EIA coordination
- * 720MMBBL capacity for strategic crude oil supply

National Energy Technology Laboratories

- * Process and materials science R&D and project management supporting DOE programs

Battelle, Inc., Columbus, Ohio

2009 – 2011

VP Energy Technology, Carbon Management

Recruited into a newly created senior leadership position by the CEO to develop & build a carbon dioxide capture and storage business. A new business model and strategic plan developed to provide a long term, over-the-fence, service company to meet the anticipated demands of the electric power and manufacturers industries for CO₂ in a carbon constrained marketplace.

- Sales Growth — \$5MM - \$35MM/yr
 - Staff Growth — 10 – 45 Professionals
- Geologic Analysis & Resource Assessment, Project Management, R&D, Systems Engineering, Business Development & Analysis, Strategic Market Analysis and Planning

Responsibilities

Full P&L and Strategic Planning

R&D and Applications Planning

National Lab Strategic Leadership

Sales, MARCOM, and Public Affairs

*President of the Mid-West Regional Carbon Sequestration Partnership – 45 stakeholders from industry and NGO's

Praxair, Inc. (1977 – 2009)

Corporate VP, Corporate Energy & Business Development (Domestic & International)

2002 – 2009

Global Hydrogen & Energy Business Development

- Sales Growth — \$500-\$850MM/yr
- Expanded global footprint with \$1.1B new contracts – 6 new countries in Asia, South America and Europe
- Joint venture creation in China and Mexico for integrated gases and energy supply to grassroots industrial parks

Oilfield Services

- Capital Investments of \$150 MM targeted to grow existing \$100MM/yr sales base
 - Sales revenue from new contracts + \$120MM/yr
 - Upstream domestic & international EOR - PEMEX, Petrobras, SINOPEC, Exxon
-
-

PROFESSIONAL EXPERIENCE *Continued*

Global R&D Technology Applications Planning

- \$70MM/yr portfolio
- H₂, CO, and CO₂ gases and energy technologies
- DOE, domestic & international cooperative demonstrations

Praxair Sustainability & Productivity Leadership

- Investor Relations (Energy)
- Dow Jones Sustainability Index – Corporate
- Productivity & Lean Six Sigma for North America Business Unit
- National Manufacturing Association & Industrial Gases Association

VP/GM H₂/CO North America Business, Sales and Operations **1999 – 2002**

- Secured long-term contracts to connect supply pipelines to 86% of Gulf Coast refinery capacity
- Expanded pipeline capacity and range by 250 miles and expanded the number of U.S. sites from 11 to 21.
- Sales increase from \$150 to \$400MM/yr – customer base of 85 chemicals and refining clients
- Secured corporation commitment to expand H₂/CO business globally to 6 countries

Managing Director, Asia Business Development (Singapore Asia Headquarters) **1995 – 1999**

- New country entries into China, India, Indonesia, Malaysia
- Hiring and on-boarding of 400+ local new hires
- Drove region sales from \$80 to \$235MM/yr. Long-term supply contracts secured to grow \$1B region business by 2009
- Strategic relationships with global customers
- International Business Development (licenses, permits, financial structure, etc.)

Business Director, Praxair & Texaco (Joint Venture), continued to serve as chair of BOD **1992 – 1995**

A start-up JV was created to provide H₂ & CO to the chemical and refining industry. Texaco gasification & Praxair long-term operations and supply model for gas sales. Texas City, TX is the site of the \$100MM gas and cogeneration JV that also provides power and steam.

Regional Sales Manager, Houston, Texas and Southwest region Gulf Coast **1988 – 1992**

Operations Management, East & Mid-west U.S. **1977 – 1987**

EDUCATION

BS Chemical Engineering, Carnegie Mellon University 1977

MBA Finance, Cleveland State University 1984

PROFESSIONAL ASSOCIATIONS

Gasification Technologies Council – Chair (Former)
 Gulf Coast Carbon Center – Board Director (Former)
 T&P Syngas Company – Board Director (Former)
 Clean Carbon Foundation of Texas – Board Director (Former)
 Pittsburgh Coal Council – Board Member
 American Institute of Chemical Engineers – Member

PROFESSIONAL COMPETENCIES

Business P&L	Govt. Affairs
Strategic Planning & Execution	Sustainability
Risk Management	International
Productivity & Lean Six Sigma	Joint Ventures