

# HARRY L. ANTHONY, IV

## EDUCATION

M.S. in Engineering Mechanics, Pennsylvania State University, 1973

B.S. in Engineering Mechanics, Pennsylvania State University, 1969

## EXPERIENCE

Chief Operations Officer – Director  
(2006 – Present)

Uranium Energy Corporation  
Kingsville, Texas

Consultant - Part Time  
(1997- 2006)

Anthony Engineering Services  
Kingsville, Texas

Consultant for several major uranium companies and international agency. Project evaluation, operations “trouble shooter,” and technical and financial expert.

Sr. Vice President  
(1990-1997)

Uranium Resources, Inc  
Kingsville, Texas

Responsibilities included: oversight of construction, technical aspects, and daily operations of plants and wellfields; budget planning and forecasting; property evaluations; and reserve estimations. Managed all facets of operations and technical support to achieve production goals: drilling, ion exchange, reverse osmosis, software development, and equipment design. Served on URI Board of Directors from 1984-1994.

Vice President, Engineering (1984-1990)  
Engineering Manager (1978-1984)

Uranium Resources, Inc.  
Kingsville, Texas

Evaluated properties for development. Planned and managed reserve delineation programs. Planned, drilled and implemented construction of wellfields. Performed engineering design and managed development of ISL recovery facilities.

Designed, procured, built and operated:

- 1979 - URI/Coastal States Bruni ISL Project -- Texas, 500 gpm
- 1980 - URI/Conoco/Framco Benavides Project -- Texas, 850 gpm
- 1981 - Tenneco's West Cole Project- Texas, 1500 gpm (URI full turnkey contract)
- 1982 - URI North Platte Pilot - Wyoming, 50 gpm
- 1987 - URI Kingsville Dome Project -- Texas, 5,500 gpm
- 1990 - URI Rosita Project -- Texas, 3,800 gpm

Project Superintendent  
(1976-1977)

Union Carbide Corp.  
Benavides, Texas

Operated pilot plant and commercial facility at Palangana ISL uranium recovery project. Responsible for plant and wellfield operations.

Project Engineer  
(1970-1976)

Union Carbide Corp.  
Marietta, Ohio

Performed work related to: electrolytic chromium processing involving hi-carbon ferrochrome dissolution with H<sub>2</sub>SO<sub>4</sub> vacuum crystallization, and electrowinning of high purity chrome used in the making of stainless steels; and tantalum/columbium extraction utilizing HF and H<sub>2</sub>SO<sub>4</sub> leach, solvent extraction, precipitation, and calcining to recover rare earths from tin slags smelted in Thailand.

## Selected Uranium In-Situ Leach (ISL) Projects

*Harry L. Anthony, IV*

<b>COUNTRY</b>	<b>PROJECT DESCRIPTION</b>	<b>CLIENT</b>
U.S.A.	Feasibility Study of Gas Hills Project, Wyoming	Uranium Resources, Inc.
U.S.A.	Feasibility Study of Tennessee Valley Authority's Morton Ranch Property, Wyoming	Uranium Resources, Inc.
U.S.A.	Feasibility Study of Power Resources Inc.'s Highland Operations, Wyoming	Uranium Resources, Inc.
U.S.A.	Feasibility Study of COGEMA's Alta Mesa	Uranium Resources, Inc.
U.S.A.	Evaluation of Mobil's Holiday-El Mesquite Project,	Urangesellschaft
U.S.A.	Feasibility Study of Crow Butte ISL Operations, Nebraska	Uranium Resources, Inc.
Mongolia	Feasibility Study for the Haraat ISL Project, Gobi Desert	Uranium Resources, Inc.
U.S.A.	Feasibility Study of Kingsville Dome Project, Texas	Uranium Resources, Inc.
U.S.A.	Feasibility Study of Rosita Project, Texas	Uranium Resources, Inc.
U.S.A.	Feasibility Study of Reno Creek Project, Wyoming	Energy Fuels
U.S.A.	Feasibility Study of Bruni Project, Texas	Uranium Resources, Inc.
U.S.A.	Feasibility Study of Benavides Project, Texas	Uranium Resources, Inc.
U.S.A.	Feasibility Study of HRI's Churchrock Project	Uranium Resources, Inc.
U.S.A.	Feasibility Study of HRI's Crownpoint Project	Uranium Resources, Inc.
U.S.A.	Feasibility Study of Conoco's Trevino Project, TX	Urangesellschaft
U.S.A.	Provided technical advice for Smith Ranch wellfield	Rio Algom Mining Corp
Australia	Feasibility Study of Heathgate's Beverley ISL Project	Heathgate Resources Pty
U.S.A.	Evaluation of Properties and Claims. Wyoming	Kennecott
U.S.A.	Provided technical advice for Alta Mesa permitting.	Mestena Uranium LLC
Australia	Evaluated a major mining project for a major third party.	Anderson & Schwab
Kazakhstan	Resource analysis of Irkol. A Kazatomprom project.	Itochu
Uzbekistan	Navoi Mining & Metallurgical Combine	Nukem
U.S.A.	Hosta Butt, Hansen Project review	Quincy Resources
U.S.A.	Unidentified South Texas project	Uranium Energy Corp
U.S.A.	Provide technical advice for multiple projects	Energy Metals Corp.

## **PUBLICATIONS/PRESENTATIONS**

"ISL Wellfield Reserves," presented at the Casper SME Uranium Conference, Casper, Wyoming, July, 2006

"ISL Pattern Reserve Requirements for Today's Spot Price," presented at The 30<sup>th</sup> International Symposium on the Process Metallurgy of Uranium, Saskatoon, Saskatchewan, Canada, September, 2000

"Economic and Technical Aspects of ISL Uranium Mining," two days of lectures sponsored by the International Atomic Energy Agency (IAEA) in Casper, Wyoming for third world mining representatives, September, 1998.

"Radiation Workshop," organized and produced this one day seminar at Univ. of Texas Health Science Center, San Antonio, Texas, 1983.

"Wellfield Operations," 3rd Annual Uranium Seminar, Casper, Wyoming, 1979.

"Polythionate Poisoning of IX Resins," Presentation at 2nd Annual Uranium Seminar, Corpus Christi, Texas, 1977.

## **MEMBERSHIPS**

Registered Professional Engineer, State of Texas #47592  
President, Kingsville Council of the Navy League, 1999, 2000, 2002, 2003  
President, Kingsville Chamber of Commerce, 1995-1996  
President, Kingsville Rotary Club, 1987-1988  
President, South Texas Section of AIME, 1984 and 1987  
Member, Kleberg County United Way Advisory Committee, 1998-2005  
Board Member, Kingsville Chamber of Commerce, 1990-2000  
Board member, Kingsville Council of the Navy League 1998-2006

## **AWARDS**

Distinguished Member of the South Texas Mineral Section of AIME – 1987  
1999 Outstanding Citizen of the Year – Kingsville Chamber of Commerce  
Scroll of Honor, 2004 – United States Navy League