DATE: 7/31/08

TO: City Clerk

FROM: Representative Ann Morgan Lilly

ADDRESS 2 Civic Center Plaza, El Paso, Texas 79901 TELEPHONE 915-541-4151

Please place the following item on the (Check one): CONSENT XXX REGULAR _____

Agenda for the Council Meeting of August 5,, 2008

Item should read as follows: Appointment of Robert A. Arreola to the Public Utility Regulation Board by Representative Ann Morgan Lilly, District 1.

SPECIAL INSTRUCTIONS: _____

BOARD COMMITTEE/COMMISSION APPOINTMENT/REAPPOINTMENT FORM

NAME OF BOARD/COMMITTEE/COMMISSION: Public Utility Regulation Board

NOMINATED BY: Representative Ann Morgan Lilly DISTRICT: 1

NAME OF APPOINTEE Robert A. Arreola
(Please verify correct spelling of name)

BUSINESS ADDRESS: _____

CITY: El Paso ST: TX ZIP: _____ PHONE: _____

HOME ADDRESS: _____

CITY: El Paso ST: TX ZIP: _____ PHONE: _____

WHO WAS THE LAST PERSON TO HAVE HELD THIS POSITION BEFORE IT BECAME VACANT?

NAME OF INCUMBENT: Homero Galicia

EXPIRATION DATE OF INCUMBENT: 06/30/2008

REASON PERSON IS NO LONGER IN OFFICE (CHECK ONE): TERM EXPIRED: XX
RESIGNED ____
REMOVED ____

DATE OF APPOINTMENT: 08/05/2008

EXPIRATION DATE OF NEW APPOINTEE: 06/30/2011

PLEASE CHECK ONE OF THE FOLLOWING: 1st TERM: XX

2nd TERM: ____

UNEXPIRED TERM: ____

Mr. Robert Alex Arriola

[redacted]

I have a BS in Electrical Engineering from the University of Texas at El Paso. I have 22 years of managerial/technical experience within the Office of the Secretary of Defense on electro-optical infrared countermeasures (CM) and CCM. During that time, as a GS-14 within the premier organization on CM in the DoD, The Center for Countermeasures, WSMR, NM., I field tested/analyzed reports of developmental and Operational Precision Guided Weapon systems as a Test Conductor, Field Test Manager/Deputy Program Manager for the IR Band IV JT&E, and as a Test Analyst Division chief. I was assigned to Systems Assessment within the Pentagon in a training position overseeing countermeasures (CM) and CCM aspects of missile acquisition and development and the Ballistic Missile Defense Organization. In 1999 I developed and became Program Manager of the Countermeasure Warfare Program at the Center for Countermeasures. As such, I worked with and briefed high ranking civilian and General rank executives at US Joint Forces Command, Suffolk VA., the Combat Training Centers, 2nd Fleet Atlantic, Commanding General USA Europe, 5th Corps, all the major Test Ranges and the Marine Aviation Weapons and Tactics Squadron I.

I am certified in Test and Evaluation Acquisition Corp Level III.

Prior to this I was a hardware design electronic engineer and supported realtime missions for the Hardware Integration branch National Range, WSMR, NM for 12 yrs. I know and have worked with many engineers and organizations at WSMR to include the Material Test Directorate, TRAC, ARL, Engineering Sciences Directorate, and the National Range Directorate as well with Test engineers at Ft. Bliss (McGregor, OroGrande ranges), China Lake, Edwards, Eglin, and Redstone Arsenal and others.

I am a hard worker, love challenges, a problem solver and look for the practical solutions and cover the details, as well as see the big picture.

• Personal Details

Date of Birth:

[redacted]

Address:

[redacted]

El Paso, Tx

[redacted]

• Skills

- **Architecture and Engineering** – Computer Hardware Engineers, Electrical Engineering Technicians, Electrical Engineers, Electronic Drafters, Electronics Engineering Technicians, Electronics Engineers, Except Computer
- **Computer and Mathematical** – Computer Programmers, Computer Security Specialists, Computer Software Engineers, Applications, Computer Software Engineers, Systems Software, Computer Support Specialists, Mathematical Technicians, Mathematicians, Network Systems and Data Communications Analysts, Operations Research Analysts
- **Installation, Maintenance, and Repair** – Data Processing Equipment Repairers, Electric Home Appliance and Power Tool Repairers, Electronic Home Entertainment Equipment Installers and Repairers, First-Line Supervisors/Managers of Mechanics, Installers, and Repairers, Home Appliance Installers, Maintenance and Repair Workers, General, Tire Repairers and Changers
- **Management** – Advertising and Promotions Managers, Computer and Information Systems Managers, Engineering Managers, Government Service Executives, Marketing Managers, Purchasing Managers, Training and Development Managers, Transportation Managers

• Work Experience

Employee, Senior Engineer
Enterprise Information Services (EIS)
306 Thunderbird Drive, El Paso, TX, 79912
November, 2007 – March, 2008
Achievements:
Selected Technical Deputy Program Manager for EIS bid on Test Engineering & Analysis Services (TE&AS) contract, WSMR, NM. Developed Technical briefing charts for Test Engineering, System Analysis, Software Analysis, RAM Analysis, and MANPRINT Analysis. As part of the briefing team, I helped prepare "Team EIS" for their Phase II Oral presentations of TE&AS contract. I am a Certified Information Assurance Security Officer (IASO).

Consultant
Digital Consulting Services (DCS), Newberry CA. an Information Technology firm
October, 1996 to October 2007
Achievements:
Selected as Program Manager for DCS bid on TE&AS contract at WSMR. Introduced DCS to Range Elements such as Materiel Test Directorate, Technical Director, WSMR, Contract Services and Small Business Offices as well as NEWTEC. Attended Industry Day for TE&AS. Provided DCS expertise of WSMR T&E Mission, Test procedures and Test infrastructure. Prepared DCS TE&AS Phase I input that consisted of T&E and Managerial expertise. Prepared briefing for DCS TE&AS oral proposal that consisted of Management organization, Procedures, Style, Fiscal responsibility and procedures, detailed Mission understanding, Mission priority procedures, and Security requirements of contract.

Employee, Senior Engineer

ORION International Technologies in Albuquerque, NM
January 2005 to February 2006
Achievements:

- Technical Marketing for ORION at White Sands Missile Range, NM. (HELSTF, Desert Ship, ARL, and Engineering Sciences Directorate) and at various Joint Test and Evaluation conferences affiliated with DoD, USJFCOM, and Developmental Test Command (DTC).

- Contributed extensively to several contract proposals for the Army and Navy such as DTC, and Army Research Institute.

Electronic Engineer, Manager
Center for Countermeasures in WSMR, NM
January 1983 to January 2005
Achievements:
From 2000 - 2005 I developed and was Program Manager of the CM Warfare Program ($20M) a Joint program conducted by CCM and sponsored by US Joint Forces Command. This program was the first ever that tested missile systems in the inventory against electro-optical/IR CM. These systems were subjected to CM and deployed by CCM during Warfighter training exercises at all the combat training centers prior to deployment.

From 1998-1999 I was accepted to a one year position in the Pentagon for the Director Test Systems Engineering and Evaluation. Assigned to Systems Assessment, in this capacity I reviewed all TEMPS of Precision Guided Weapons systems in the acquisition process to ensure that CMs were employed to test their susceptibility to CM.

From 1997-1998 at CCM, I was division chief for 10 analysts. As such, I analyzed and approved or disapproved technical reports of Precision Guided Weapons tests vs CM and provided CM test results and conclusions to Program Managers of System under test.

From 1992-1997 at CCM, I was selected Manager and ultimately Director of the IR Band IV JT&E Program an OSD effort to test MANPAD systems both domestic and foreign. This $30M program, tested the vulnerability of these missiles against CM. This was a Joint Program sponsored by the Office of the Secretary of Defense.

From 1983 - 1992 at the Center for Countermeasures (CCM), an OSD Field Directorate at WSMR, I managed (Test Conductor)developmental weapons tests such as: IR Maverick, Laser Maverick, Stinger RMP, Hellfire, Foreign ATGMs, FLIR systems Lantirn), Sensor Fused Weapons, Advanced Tactical FLIR. In this capacity I managed from 8-15 engineers and technicians in the preparation and conduct of all field tests.

Project Engineer
Hardware Integration Br., National Range, WSMR, NM in White Sands Missile Range, NM
July 1966 to January 1983
Achievements:
As an electronic Engineer for Hardware Integration Br. Operational Control Display Facility (OCDF), I supported real-time missions and maintained OCDF instrumentation. In addition I designed:

- Two Pershing II instrumentation vans (50ft.) that provided instrumentation for a) a mobile OCDF and b) a Central Data Record Facility.
- Radar display hardware.
- Computer interfaces that input field data into real-time computers.
- Microprocessor-based Space Shuttle Radar Tracking hardware that supported Space Shuttle missions.
- Designed real-time microprocessor-based liftoff/burnout circuitry as front end processors to real-time computers.
- Installed interactive graphic video displays (Adage and Silicon Graphics).

Procured and installed a Video Generating system for video display of radar tracking data and video display of missile flight trajectories superimposed on terrain maps.

- Education History

University of Texas at El Paso in El Paso, TX
September 1966 to July 1971, BS Electrical Engineering

Rollins College of General Studies in Winter Park, Fla.
September 1964 to May 1965, Algebra, Analytic Geometry and Logic Courses

University of Wyoming in Laramie, Wyo.
September 1965 to May 1966, History, and English Courses

El Paso Community College in El Paso, TX
September 1971 to May 1972

New Mexico State Univ in Las Cruces, NM
September 1972 to January 1973, Logic Design Course

National Range in White Sands, NM
January 1977 to January 1983

UCLA in Westwood Ca.
September 1986, Electro-Optical Infrared Course

Georgia Institute of Technology in Atlanta, GA
September 1992, Infrared Countermeasures Course

Columbia University
September 1997, Senior Management Course

- Qualifications

BS Electrical Engineering, Member T&E Acquisition Corps Level III
Continuing Education Algebra I
Continuing Education Algebra II
Continuing Education Analytic Geometry
Continuing Education Logic
Continuing Education English
Continuing Education History
Continuing Education Accounting
Continuing Education Auto mechanics
Continuing Education Business Law
Continuing Education Logic Design
Technical, on Site Education Fundamentals of the UNIX Operating Sys., 1982
Technical, on Site Education Unix Shell Programming, 1982

Technical, on Site Education Intro. to the C-programming Language, 1982	
Technical, on Site Education Telemetry Manager Training, 1981	
Technical, on Site Education Motorola 68K Microcomputer Course, 1980	
Technical, on Site Education RM9000 Software and Hardware, 1979	
Technical, on Site Education Ramtek 9300 Video Generator, 1979	
Technical, on Site Education Basic Lasers, 1979	
Technical, on Site Education Fiber Optical Communication, 1977	
Technical, on Site Education ADP Security, 1977	
Membership Acquisition Corp, 1997	
Management Supervisory Development II, 1992	
Management DA Position Management Workshop, 1987	
Management Skills for Supervisors, 1987	
Management Supervisory Development I, 1986	
Management Supervisor PE 101, 1988	
Post Grad Fundamentals of Electro-Optical Analysis Engineering	
Continuing Education IR Technology & Applications, UCLA	
Post Grad Leading and Managing People, Columbia University	
Attended City of El Paso Leadership Academy Sept. 2006 to March 2007	

Information Assurance Security Officer Course March 2008