

## ACCEPTANCE REVIEW MEMO

**Licensee:** Texas A&M University  
**License No.:** 42-09082-09      **Docket No.:** 030-01066  
**Mail Control No.:** 470691  
**Type of Action:** Amend    **Date of Requested Action:** 08-30-05  
**Reviewer Assigned:**              **Date Assigned to Reviewer:** 09-15-05  
**Reviewer(s) Who Performed Review:** Torres

Response Received	Deficiencies Noted During Acceptance Review
1.	
2.	
3.	
4.	

**Reviewer's Initials:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Branch Chief's and/or SR. HP's Initials:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Yes    No    Action - decommissioning notification should be issued within 30 days.  
 Yes    No    Termination request < 90 days from date of expiration  
 Yes    No    Action to be expedited  
                       \_\_\_\_\_ Medical emergency  
                       \_\_\_\_\_ Licensee in noncompliance (i.e. no RSO, location of use/storage not on license, radioactive material in possession not on license)  
                       \_\_\_\_\_ National Security  
                       \_\_\_\_\_ Other ( \_\_\_\_\_ )

**Branch Chief's and/or Sr. HP's Initials:** \_\_\_\_\_ **Date:** \_\_\_\_\_

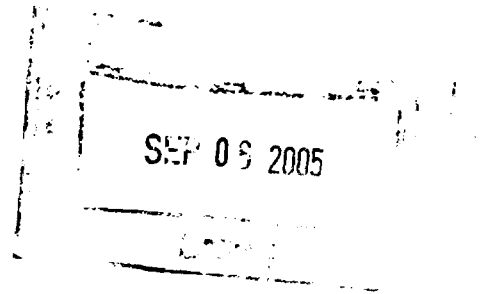
**SISP Review**

Yes    No    **Non-Publicly Available, Sensitive** if any item below is checked  
                       \_\_\_\_\_ Radionuclides, forms, and quantities  
                       \_\_\_\_\_ Location of RAM  
                       \_\_\_\_\_ Building drawings with locations of RAM  
                       \_\_\_\_\_ Security of RAM (locks, alarms, etc.)  
                       \_\_\_\_\_ SS&D Catalog information  
                       \_\_\_\_\_ Specifics of Emergency Plan (routes to and from RAM, response to security events, etc.)  
                       \_\_\_\_\_ Safeguards Information

**Branch Chief's and/or Sr. HP's Initials:** MTZ **Date:** 9/15/05



**TEXAS A&M UNIVERSITY**  
Environmental Health & Safety Department



*Handwritten initials*

30 August 2005

Nuclear Materials Licensing  
U.S. NRC Region IV  
Texas Health Resources Tower  
611 Ryan Plaza, Suite 400  
Arlington, TX 76011-4005

**SUBJECT:** Request to amend License No. 42-09082-09, Docket No. 030-01066.

Texas A&M University is requesting an amendment to name Daniel I. Menchaca, CHP as the Radiological Safety Officer. The proposed change would modify line 12 as follows:

**From:**

12. The Radiation Safety Officer for this license is Johns M. Salsman.

**To:**

12. The Radiological Safety Officer for this license is Daniel I. Menchaca, CHP.

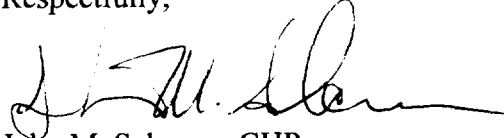
Mr. Menchaca's resume is provided in APPENDIX A and a delegation of authority letter is in APPENDIX B. An organizational chart is in APPENDIX C.

I accept the duties and responsibilities associated with being named Radiological Safety Officer for Texas A&M University.

*D I Menchaca*  
Daniel I. Menchaca, CHP

As always, please feel free to contact me with any questions that you may have by telephone at 979-845-2132 or by electronic mail at [jmsalsman@tamu.edu](mailto:jmsalsman@tamu.edu).

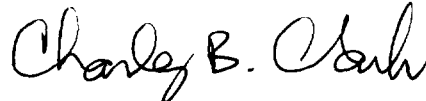
Respectfully,



John M. Salsman, CHP  
Radiological Safety Officer



Michael A. Walker, D.V.M.  
Chair, Radiological Safety Committee



Charley B. Clark  
Associate Vice President for Risk &  
Compliance

Cc Central File  
License 42-09082-09

---

APPENDIX A  
Resume for Daniel I. Menchaca, CHP

## **Daniel I. Menchaca, CHP**

**EDUCATION:** Bachelor of Science in Nuclear Engineering, Texas A&M University, College Station, TX, 1981  
Bachelor of Science in Radiological Health Engineering, Texas A&M University, College Station, TX, 1985  
Alpha Nu Sigma Society (ANΣ), American Nuclear Society, 1990  
Master of Science in Health Physics, Texas A&M University, College Station, TX, 1995

**TRAINING:** Nuclear Technology Course, General Electric Nuclear Field Engineer Training, San Jose, CA, 1982  
BWR Field Services Training Course, General Electric Nuclear Training Services, San Jose, CA, 1985  
Nuclear Testing Equipment, Troxler Electronic Laboratories, Houston, TX, 1993  
Health Physics Society (HPS) Summer School, Nonionizing Radiation, San Antonio, TX, 1997  
Certified Health Physicist (CHP), American Board of Health Physics, 2000  
American Academy of Health Physics (AAHP) Course 2 Personnel Dosimetry in Perspective, Anaheim, CA, 2001  
HPS PEP 1B The Application of the ALARA Principle, Anaheim, CA, 2001  
HPS PEP 2B Introduction to Lasers, Anaheim, CA, 2001  
HPS PEP 3B Laser Safety Calculations Using the New ANSI Z136.1, Anaheim, CA, 2001  
Laser Safety Officer, Rockwell Industries, College Station, TX, 2002  
Radioactive Seminar, Federal Express, Houston, TX, 2003  
USDA Nuclear Gauge Train-the-Trainer, College Station, TX, 2003  
49 CFR and IATA Training, Dangerous Goods International (DGI), College Station, TX, 2004

**EXPERIENCE:** Assistant Manager, Environmental Health and Safety Dept., Texas A&M University, College Station, TX, September 1999 - Present

Responsible for radioactive materials licensing and operational health physics for Texas A&M University. Duties include preparing license amendments on behalf of the Radiological Safety Officer, preparing presentations to the Radiological Safety Committee, responding to violations, reviewing permit applications, interacting with principal investigators, performing laboratory compliance reviews, and responding to emergencies. Also responsible for the Cyclotron Institute radiological safety program. Instructor for Texas A&M radiological

safety training and USDA Location Radiation Protection Officer training.

Senior Health Physicist, Office of Radiological Safety, Texas A&M University, College Station, TX, September 1990 - August 1999

Responsible for the radiological safety program at a cyclotron facility. Prepared radiological procedures and, as a member of the safety committee, helped with periodic review of facility safety manual. Instructor for training courses including TAMU Radiological Safety training, Radiological Safety Officer, Radioactive Materials Handling, DOE Radiological Control Technician, and USDA Location Radiation Protection Officer.

Health Physicist, Office of Radiological Safety, Texas A&M University, College Station, TX, January 1989 - August 1990

Duties include performing interlock checks, radiation and contamination surveys, instrument calibrations, sample counting, and personnel surveillance during work activities at a cyclotron facility.

Graduate Assistant Research, Dept. of Nuclear Engineering, Texas A&M University, College Station, TX, September 1988 - December 1988

Duties included performing various tasks to assist supervising professor in research projects.

Engineer, GE Nuclear Energy Operations, San Jose, CA, November 1985 - June 1988

Peach Bottom Atomic Power Station

Part of HP/ALARA team planning and managing radiation protection for the Unit 3 recirculation piping replacement.

James A. Fitzpatrick Nuclear Power Plant

Involved in vessel maintenance activities including: dry tube replacement, LPRM replacement, control rod blade replacement/inspection, and in-vessel visual inspection.

Fukushima (Japan)

Involved in the mitigation of jet pump sensing lines in the reactor vessel.

### Grand Gulf Nuclear Station

Involved in maintenance activities including refueling, start up instrumentation removal, and in vessel visual inspection.

### San Onofre Nuclear Generating Station

Involved in refueling and steam generator plugging/rolling.

Health Physicist, Office of Radiological Safety, Texas A&M University, College Station, TX, September 1985 - October 1985

Duties include performing radiation and contamination surveys, instrument calibrations, sample counting, and personnel surveillance during work activities at a cyclotron facility.

Engineer, GE Projects Engineering Operations, San Jose, CA, June 1985 - August 1985

### Clinton Power Station

Originated, reviewed, and approved engineering documents pertaining to field installation of GE supplied equipment.

Health Physics Technician, Office of Radiological Safety, Texas A&M University, College Station, TX, June 1984 - May 1985

Duties include performing radiation and contamination surveys, instrument calibrations, sample counting, and personnel surveillance during work activities at a cyclotron facility.

Engineer, GE Nuclear Plant Services, Atlanta, GA, August 1981 - May 1984

### Clinton Power Station

Originated, reviewed, and approved engineering documents pertaining to field installation of GE supplied equipment.

### Grand Gulf Nuclear Station

Originated field design documents pertaining to the installation of a start up test monitoring system.

---

**APPENDIX B**  
Delegation of Authority Letter





**TEXAS A&M UNIVERSITY**  
Environmental Health & Safety Department

EUP  
8-137  
75-157

**MEMORANDUM**

DATE: August 8, 2005

TO: Dr. Robert M. Gates *R. Gates*  
President

THRU: Dr. David B. Prior *David B. Prior*  
Executive Vice President and Provost 8/15/05

THRU: Mr. Charley B. Clark *Charley B. Clark*  
Associate Vice President, University Risk & Compliance

THRU: Mr. Christopher M. Meyer *Christopher M. Meyer*  
Assistant Vice President for Safety and Security

THRU: Dr. Michael Walker  
Professor, College of Veterinary Medicine  
Chair, Radiological Safety Committee *Michael Walker*

SUBJECT: Delegation of Authority for Radiological Safety Officer (RSO) and Laser Safety Officer (LSO).

Texas A&M University is licensed for the use of radioactive materials by both the U.S. Nuclear Regulatory Commission (NRC) and by the Texas Department of State Health Services (DSHS). Texas A&M must also register many radiation producing devices (x-ray machines and particle accelerators) as well as medium and high power lasers with Texas DSHS. Each of these licenses and registrations include many conditions and restrictions that are imposed by the issuing regulatory agency in order to help ensure both the safety of individuals using the materials and devices and the safety of the general public. One key condition that is common to every license or registration is the naming of the Radiological Safety Officer or, in the case of the laser registrations, the Laser Safety Officer. In doing so, the regulatory agency identifies its key point of contact for operational safety issues and it reserves the right to approve or disapprove appointments to those positions.

As part of the reorganization that created the Office of Safety and Security, I have accepted new duties as the Director of the Environmental Health and Safety Department. I have named Mr. Daniel I. Menchaca to replace me as the University's Radiological Safety Officer and Laser Safety Officer. The next step in completing this change is to submit amendment requests for each license and registration to the appropriate regulatory agency. Those agencies will require evidence that the University's top administration reaffirms that Mr. Menchaca, as the RSO and LSO, is delegated certain authorities that they deem to be necessary to serve in that

Robert M. Gates  
August 8, 2005  
Page 2

capacity. Therefore, please review the statements on the following page. Your signature reaffirming the delegation of authorities is requested.

Mr. Menchaca is well qualified for these roles. He holds a Masters Degree in Health Physics (Radiation Protection Engineering) from Texas A&M and is a Certified Health Physicist with 24 years of experience in the field, the last 16 years have been here at Texas A&M. In addition to his experience and education, Mr. Menchaca possesses the judgement and knowledge of the university necessary to fulfill these responsibilities and to use the authorities wisely.

I recommend approval of Mr. Daniel I. Menchaca's appointment as the Radiological Safety Officer and the Laser Safety Officer for Texas A&M University.

A handwritten signature in black ink, appearing to read "John M. Salsman". The signature is fluid and cursive, with a long horizontal stroke at the end.

John M. Salsman, Director  
Environmental Health and Safety



**TEXAS A&M UNIVERSITY**  
Environmental Health & Safety Department

**Delegation of Authority for the Radiological Safety Officer, Texas A&M University**

**Responsibility:** The Texas A&M University Radiological Safety Officer is responsible for ensuring the safe use of byproduct material and radiation producing devices licensed or registered under U.S. Nuclear Regulatory Commission (NRC) or Texas Department of State Health Services (DSHS) licenses issued to Texas A&M University. The RSO, working in conjunction with the University Radiological Safety Committee, is responsible for managing the radiological safety program; identifying radiological safety problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; and ensuring compliance with regulations for the use of byproduct material. The Radiological Safety Officer is hereby delegated the authority necessary to meet these responsibilities.

**Authority:** The Radiological Safety Officer has the authority to immediately stop any operations involving the use of byproduct material in which health and safety may be compromised or may result in non-compliance with Texas Department of State Health Services or U.S. Nuclear Regulatory Commission requirements.

A handwritten signature in cursive script, appearing to read "Robert M. Gates", written over a horizontal line.

Dr. Robert M. Gates  
President

A handwritten date "8-18-05" written in cursive script, positioned above a horizontal line.

Date

cc: Central File  
US NRC 42-09082-09  
Texas DSHS L00448  
Texas DSHS L05683  
Texas DSHS R00304  
Texas DSHS R14497

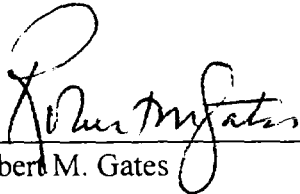


**TEXAS A&M UNIVERSITY**  
Environmental Health & Safety Department

**Delegation of Authority for the Laser Safety Officer, Texas A&M University**

**Responsibility:** The Laser Safety Officer is responsible for ensuring the safe use of laser devices which require registration under State of Texas rules. The LSO is responsible for managing the laser safety program; identifying laser safety problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; and ensuring compliance with regulations for the use of registerable laser devices. The Laser Safety Officer is hereby delegated the authority necessary to meet these responsibilities.

**Authority:** The Laser Safety Officer has the authority to immediately stop any operations involving registerable laser devices in which health and safety may be compromised or may result in non-compliance with Texas Department of State Health Services requirements.

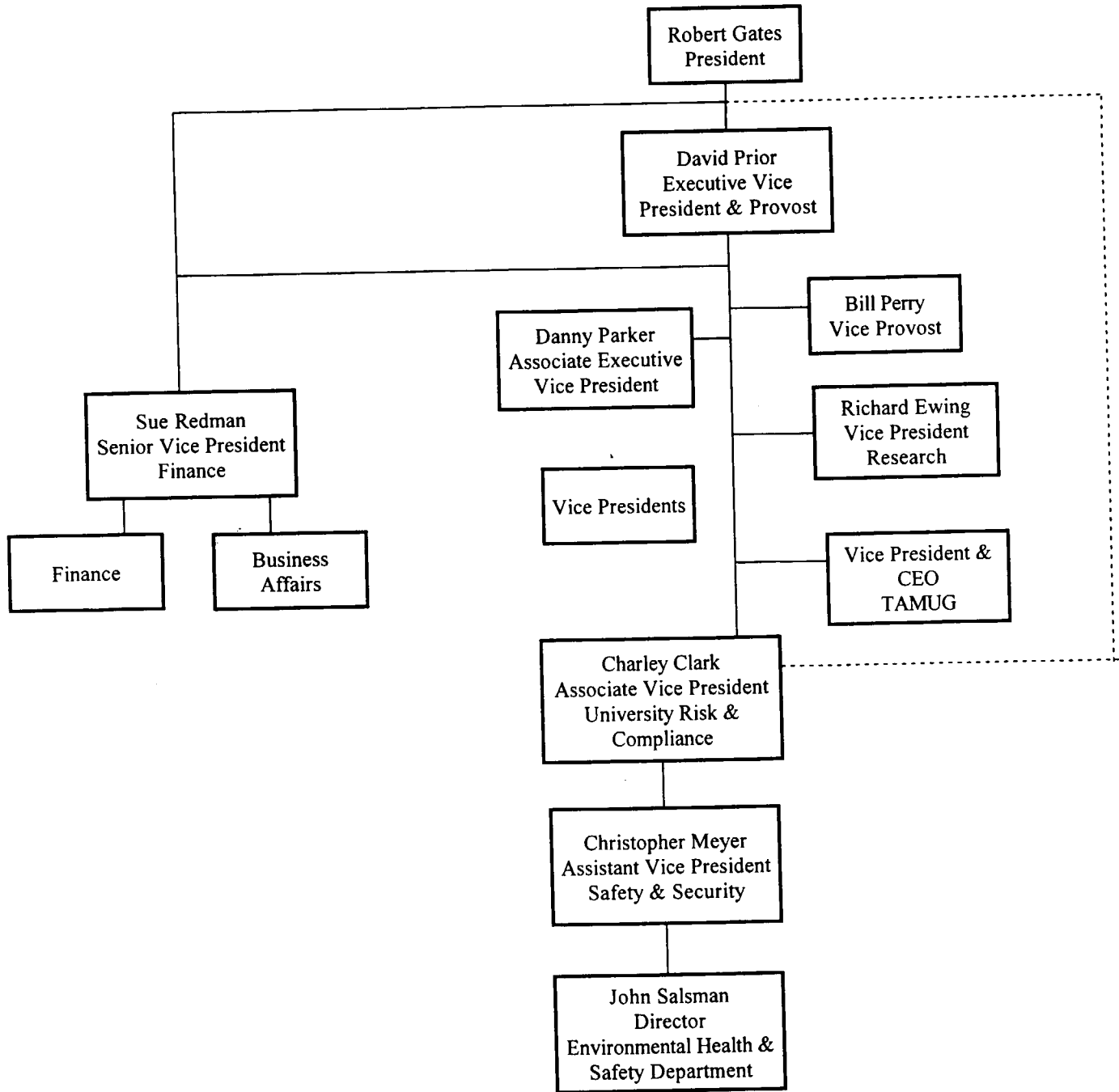
  
\_\_\_\_\_  
Dr. Robert M. Gates  
President

8-18-05  
\_\_\_\_\_  
Date

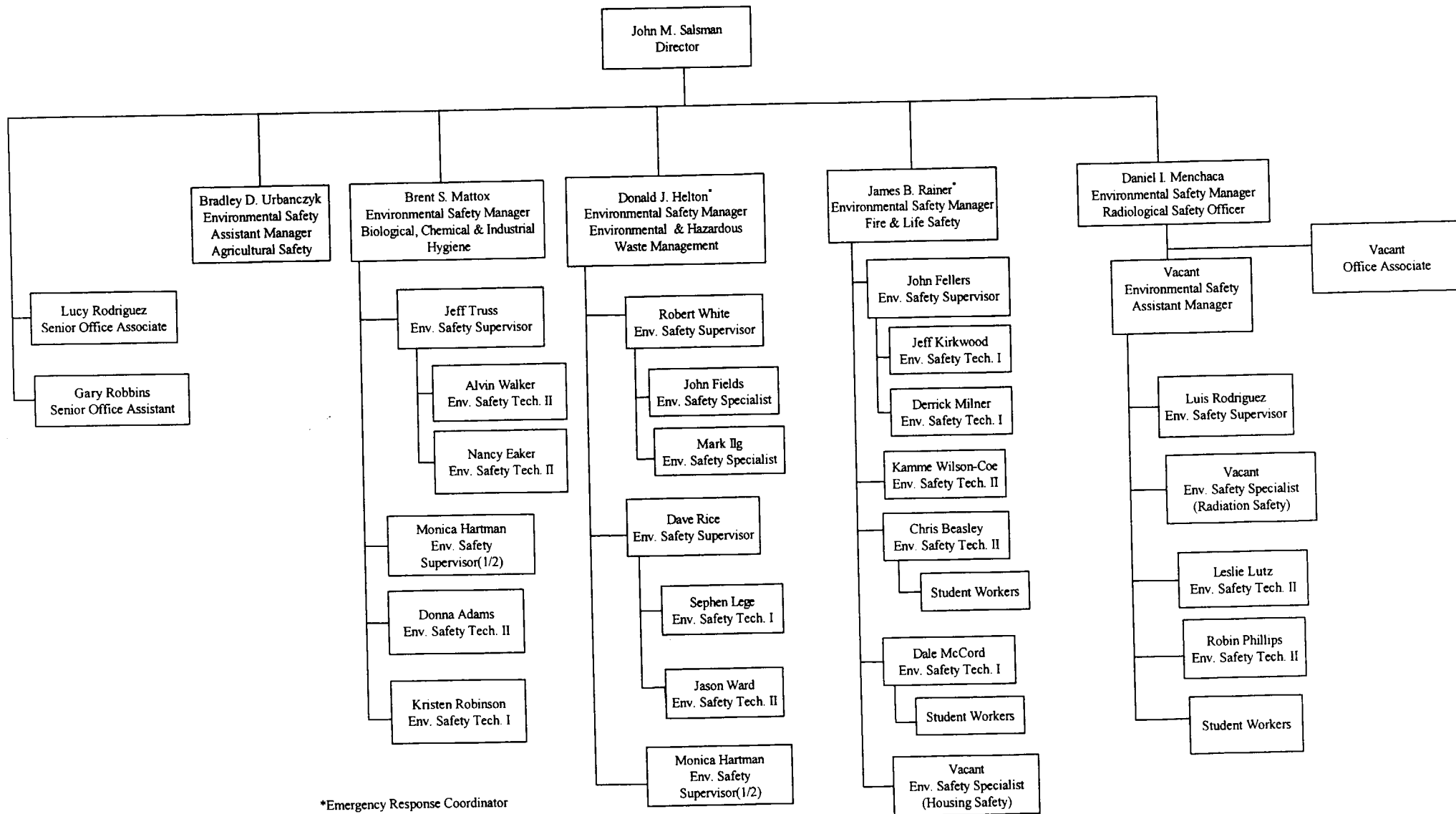
cc: Central File  
Texas DSHS Z00116

APPENDIX C  
Organizational Chart

Texas A&M University



## Environmental Health and Safety Department Organizational Chart



\*Emergency Response Coordinator

SEP 16 2005

DATE

This is to acknowledge the receipt of your letter/application dated 8/30/05, and to inform you that the initial processing, which includes an administrative review, has been performed.

There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card:

---

The action you requested is normally processed within 90 days.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 470691.  
When calling to inquire about this action, please refer to this mail control number.  
You may call me at 817-860-8103.

Sincerely,



Licensing Assistant



BETWEEN:

License Fee Management Branch, ARM  
and  
Regional Licensing Sections

(FOR LFMS USE)  
-----  
INFORMATION FROM LTS  
-----  
: Program Code: 03620  
: Status Code: 0  
: Fee Category: EX 3M  
: Exp. Date: 20071130  
: Fee Comments: 170.11(A) (4)  
: Decom Fin Assur Req'd: Y  
: .....

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED TEXAS A&M UNIVERSITY  
Applicant/Licensee: 20050906  
Received Date: 3001066  
Docket No: 470691  
Control No.: 42-09082-09  
License No.:  
Action Type: Amendment

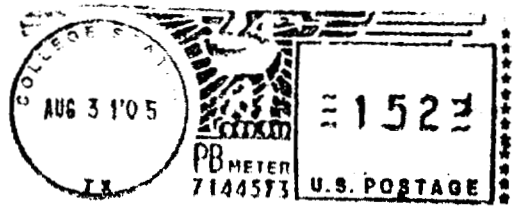
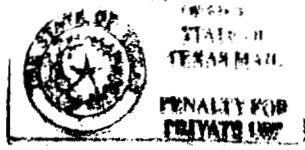
2. FEE ATTACHED  
Amount:             
Check No.:           

3. COMMENTS  
Signed             
Date           

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered / \_\_/)

- 1. Fee Category and Amount: \_\_\_\_\_
- 2. Correct Fee Paid. Application may be processed for:  
Amendment \_\_\_\_\_  
Renewal \_\_\_\_\_  
License \_\_\_\_\_
- 3. OTHER \_\_\_\_\_

Signed \_\_\_\_\_  
Date \_\_\_\_\_



Nuclear Materials Licensing  
US NRC Region IV  
Texas Health Resources Tower  
611 Ryan Plaza, Suite 400  
Arlington, TX 76011-4005

