

  
 **EMS ENVIRONMENTAL MANAGEMENT SERVICES, INC.**

**150 North Wiget Lane, Suite 101, Walnut Creek, CA 94598**  
**Phone: (925) 939-0687 Fax: (925) 938-0105**

RECEIVED

AUG 25 2008

August 21, 2008

DNMS

Mr. James Montgomery  
U.S. Nuclear Regulatory Commission, Region IV  
612 East Lamar Blvd., Suite 400  
Arlington, TX 76011-4125

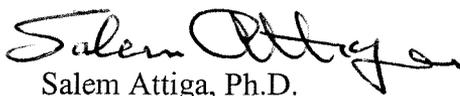
Subject: Change in Designated RSO, NRC License #04-29295-01

Dear Mr. Montgomery:

Environmental Management Services, Inc. (EMS) plans to transfer Radiation Safety Officer (RSO) responsibilities for its NRC License, No. 04-29295-01, effective Monday, August 25, 2008, from Mr. Jeff Thompson to Ms. Dawn Roarty. Ms. Roarty has over 19 years experience in radiological control, D&D operations and management of radiological waste at various DoD and DOE facilities. Please see the attached resume for documentation that she meets the qualification and experience requirements for the license application.

If there are any questions concerning this RSO designation, please contact me at (925) 939-0687.

Sincerely,  
**ENVIRONMENTAL MANAGEMENT SERVICES, INC.**

  
Salem Attiga, Ph.D.  
Principal

Enclosures: As stated

No. 471931

## **Dawn Roarty**

SENIOR HP AND RADIATION PROTECTION MANAGER

ENVIRONMENTAL MANAGEMENT SERVICES, INC.

150 N. WIGET LANE, SUITE 101

WALNUT CREEK, CA 94598

**Summary:** Over 19 years experience with D&D, CERCLA, RCRA, and DOE environmental restoration and site clean-up activities including: RESRAD analysis, radiological control, MARSSIM surveys, hazardous, low-level radioactive, and mixed waste management, environmental compliance, quality assurance, health and safety and radiation protection training, chemical and radioactive analyses, radiological risk assessment, and decontamination and decommissioning of radiologically contaminated facilities.

### **Education:**

- Master of Business Administration: Golden Gate University
- Bachelor of Environmental Science: University of California, Davis

**Strengths:** Exceptional technical and project management skills, extensive experience in radiation control, the management of radioactive waste, excellent communication and radiological training skills, and highly rated expert in the area of RESRAD analysis, radiological assessment, and facility decommissioning.

### Professional Experience

#### **Sr. HP and Radiation Protection Manager**

**Environmental Management Services (EMS), Inc.      1997-2002 and 2007 to present**

- Chaired the Radiation Protection Committee and acted as the Site Radiation Control Manager for a major DOE site Environmental Restoration/Waste Management and D&D program.
- Managed and coordinated all radiological work for EMS, Inc.
- Developed H&S, Radiation Protection Program and Quality Assurance/Quality Control programs for EMS, and other customers.
- Designated, profiled, and managed more than 200,000 cubic yards of Decontamination & Decommissioning (D&D) and site restoration radioactive waste destined for offsite disposal at Hanford, Energy Solutions (formerly Envirocare), or Nevada Test Site.
- Developed and implemented innovative and cost effective waste characterization technique for disposal of 80 drums of LBNL special radioactive waste at Hanford.
- Developed H&S, RPP and QA/QC training packages and conducted H&S and Rad Worker training for more than 200 onsite workers and project personnel.
- Conducted several optimization studies to evaluate feasibility of recycling slightly radiologically contaminated materials using DOE's latest RESRAD computer codes.

### **Laboratory Radiological Training Manager**

**Lawrence Livermore National Laboratory (LLNL)            2004-2007**

- Served as LLNL's point of contact with external agencies for radiological training issues.
- Provided guidance to Associate Directors and their respective organizations regarding radiological training policies, job-related training, guidelines and standards.
- Maintained the LLNL radiological Training Program Manual (TPM) and recommended revisions to the Training Program Committee (TPC) for review and approval.
- Assisted the Laboratory's specialized support organizations such as Environmental Protection Department, Hazardous Control Department, Lab Counsel, Quality Assurance Office, and Safeguards and Security in the determination of radiological training requirements.

### **Sr. Physicist and Manager of Radiation Safety Audit Program**

**Lawrence Livermore National Laboratory (LLNL)            2002-2004**

- Performed and coordinated all of the 10 CFR 835 audits for all facilities at LLNL regulated by this rule.
- Reviewed all final audit reports, and ensured proper resolutions to audit findings and observations.
- Acted as the Radiological Control Manager for the DOE Molten Salt Project in the State of Washington.
- Provided health physics support to LLNL D&D programs.
- Evaluated personnel dosimetry, bioassay, and whole-body counting programs and recommended program enhancement.
- Assessed and provided radiation safety input to safety procedures and to facility, equipment, and shielding designs.
- Participated in the investigation of incidents or accidents involving radiation and recommended corrective actions to prevent a reoccurrence.
- Provided health physics support during external audits, inspections and site verifications by internal and external agencies.

### **Project Manager**

**Pacific Northwest National Laboratory (PNNL)            1992-1997**

- Developed and implemented effective waste management program for major D&D operations at DOE NPL sites.
- Coordinated and scheduled shipments of hazardous, low-level, and mixed waste streams to various DOE and commercial TSDFs.
- Provided H&S and radiation protection oversight for five field subcontractors involved in site restoration, decontamination and decommissioning and waste management activities at a DOE NPL site.
- Reviewed and evaluated H&S and radiological release incidents and environmental releases and determined whether incidents and releases were

reportable under OSHA or DOE Occurrence Reporting and Processing System (ORPS).

- Developed and implemented an innovative and cost effective sampling approach to characterize thousands of low-level and mixed waste vials and jars containing radioactive biological matter.

**Health and Safety Officer, Environmental Health and Safety (EH&S) Office  
University of California Davis 1989-1992**

- Responsible for H&S and radiation protection oversight for campus hazardous, radioactive, and mixed waste operations.
- Provided health physics and waste management support to a major DOE environmental restoration and waste management project.
- Prepared and implemented various waste management plans, H&S and QA/QC plans, and waste sampling, inspection, inventory, and storage plans.

**Computer Skills:**

- Extensive knowledge of Microsoft products, WordPerfect, FileMaker Pro, and other similar COTs products.
- Strong management skills in the development and maintenance of enterprise and local IT tools and platforms. Specific knowledge in Oracle, PL/SQL, JAVA, Microsoft Access, and Filemaker pro.

DOE Q Clearance (inactive)

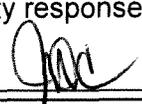
# ACCEPTANCE REVIEW MEMO (ARM)

**Licensee:** Environmental Management Services, Inc.      **License No.:** 04-29295-01  
**Docket No.:** 030-37671      **Mail Control No.:** 471931  
**Type of Action:** Amend      **Date of Requested Action:** 08-21-08  
**Reviewer Assigned:** J. Cook      **ARM reviewer(s):** J. Cook

Response	Deficiencies Noted During Acceptance Review
	[ ] Open ended possession limits. Submit inventory. Limit possession. [ ] Submit copies of latest leak test results. [ ] Add IC L.C./Fingerprint LC, add SUNSI markings to license. [ ] Confirm with licensee if they have NARM material.
	NOTE: Make sure RSO meets T&E requirement in NUREG 1556 Vol 18.

**Reviewer's Initials:**       **Date:** 10/31/08

<input type="checkbox"/>	<input type="checkbox"/>	Request for unrestricted release Group 2 or >. Consult with Bravo Branch.
<input type="checkbox"/>	<input type="checkbox"/>	Termination request < 90 days from date of expiration
<input type="checkbox"/>	<input type="checkbox"/>	Expedite (medical emergency, no RSO, location of use/storage not on license, RAM in possession not on license, other)
<input type="checkbox"/>	<input type="checkbox"/>	TAR needed to complete action.
<b>Branch Chief's and/or HP's Initials:</b> _____		<b>Date:</b> _____

SUNSI Screening according to RIS 2005-31		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Sensitive and Non-Publicly Available</b> if <u>any</u> item below is checked
General guidance:		
<input type="checkbox"/> RAM = or > than Category 3 (Table 1, RIS 2005-31), use Unity Rule		
<input type="checkbox"/> Exact location of RAM [suite #, bldg. #, location different from mailing address] (whether = or > than Category 3 or not)		
<input type="checkbox"/> Design of structure and/or equipment (site specific)		
<input type="checkbox"/> Information on nearby facilities		
<input type="checkbox"/> Detailed design drawings and/or performance information		
<input type="checkbox"/> Emergency planning and/or fire protection systems		
Specific guidance for medical, industrial and academic (above Category 3):		
<input type="checkbox"/> RAM quantities and inventory		
<input type="checkbox"/> Manufacturer's name and model number of sealed sources & devices		
<input type="checkbox"/> Site drawings with exact location of RAM, description of facility		
<input type="checkbox"/> RAM security program information (locks, alarms, etc.)		
<input type="checkbox"/> Emergency Plan specifics (routes to/from RAM, response to security events)		
<input type="checkbox"/> Vulnerability/security assessment/accident-safety analysis/risk assess		
<input type="checkbox"/> Mailing lists related to security response		
<b>Branch Chief's and/or HP's Initials:</b> 		<b>Date:</b> SEP -5 2008

BETWEEN:

License Fee Management Branch, ARM  
and  
Regional Licensing Sections

(FOR LFMS USE)  
INFORMATION FROM LTS

Program Code: 03234  
Status Code: 0  
Fee Category: 1D 2C 3N 4B  
Exp. Date: 20180531  
Fee Comments: (14) DECOMM  
Decom Fin Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: ENVIRONMENTAL MANAGEMENT SERVS INC  
Received Date: 20080825  
Docket No: 3037671  
Control No.: 471931  
License No.: 04-29295-01  
Action Type: Amendment

2. FEE ATTACHED

Amount: \_\_\_\_\_  
Check No.: \_\_\_\_\_

3. COMMENTS

Signed *Colleen M. ...*  
Date 9-03-08

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 \_\_\_\_\_

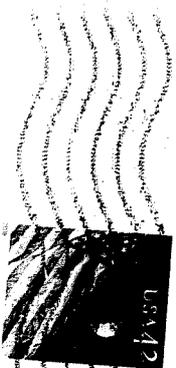
3. OTHER \_\_\_\_\_

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

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