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EMS ENVIRONMENTAL MANAGEMENT SERVICES, INC.

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

January 27, 2011

Jack Whitten  
Division of Nuclear Materials Safety  
U.S. Nuclear Regulatory Commission, Region IV  
612 East Lamar Blvd., Suite 400  
Arlington, TX 76011-4125

RECEIVED  
JAN 31 2011  
DNMS

Subject: Use of NRC License #04-29295-01 at Site 2, Alameda Point, Alameda, CA

Dear Mr. Whitten:

Environmental Management Services, Inc. (EMS) is giving notice of its intention to use its NRC License, No. 04-29295-01, effective Wednesday, February 16, 2011, at Installation Restoration Site 2 (IR Site 2), at Alameda Point, Alameda, California. The scope of work will include providing radiological control work/radiation safety in support of the planned pre-design data gap investigation.

ISOTOPES OF CONCERN

Based on previous radiological investigations at IR Site 2, radium-226 (<sup>226</sup>Ra) and strontium-90 (<sup>90</sup>Sr) are the primary radionuclides of concern, with the possibility of cesium-137 (<sup>137</sup>Cs), thorium-232 (<sup>232</sup>Th), uranium-238 (<sup>238</sup>U), and depleted uranium (DU) also being present in the waste.

QUANTITIES OF RADIONUCLIDES

The exact activities of the radionuclides of concern are unknown, but the results from previous sampling show that the average <sup>226</sup>Ra activity was (0.571 pCi/g), and the maximum measured <sup>226</sup>Ra activity was 7.59 pCi/g. The Maximum <sup>90</sup>Sr activity sample results show only one sample reported a result (0.99 pCi/g) greater than the background activity of 0.25 pCi/g.

This project is expected to continue for a minimum of 3 weeks and maximum of 2 months and will be conducted only within the boundary IR Site 2.

If there are any questions concerning the use of EMS' license at Alameda or this notification please contact me at (415)786-0392, fax (925) 938-0105 or amh@emshq.net.

This notification meets the requirements of license condition 14.

ADAMS # \_\_\_\_\_  
Template \_\_\_\_\_  
Date \_\_\_\_/\_\_\_\_/\_\_\_\_ QC'd by \_\_\_\_\_

15 5 7 4 4 2 7



**EMS ENVIRONMENTAL MANAGEMENT SERVICES, INC.**

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**150 North Wiget Lane, Suite 101, Walnut Creek, CA 94598**

**Phone: (925) 939-0687 Fax: (925) 938-0105**

Please contact me if there are any questions concerning this notification.

Sincerely,

A handwritten signature in cursive script that reads "Anne M. Harris".

**Anne M. Harris**

*Alternate Radiation Safety Officer*

Environmental Management Services, Inc.

150 North Wiget Lane, Suite 101

Walnut Creek, CA 94598

Phone: 415-986-1228

Cell: 415-786-0392

Fax: 925-938-0105

2-28-2011

DATE

This is to acknowledge the receipt of your letter/application dated 1-27-2011, 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 other omissions or require additional information.

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

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The action you requested is normally processed within \_\_\_\_\_ 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** 574427.  
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:

Accounts Receivable/Payable  
and  
Regional Licensing Branches

[ FOR ARPB USE ]  
INFORMATION FROM LTS

Program Code: 03234  
Status Code: Pending Amendment  
Fee Category: 14A 1D 3N 4B  
Exp. Date:  
Fee Comments:  
Decom Fin Assur Req: N

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## License Fee Worksheet - License Fee Transmittal

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### A. REGION

#### 1. APPLICATION ATTACHED

Applicant/Licensee: ENVIRONMENTAL MANAGEMENT SERVS INC  
Received Date: 01/31/2011  
Docket Number: 3037671  
Mail Control Number: 574427  
License Number: 04-29295-01  
Action Type: Notifications

#### 2. FEE ATTACHED

Amount: \_\_\_\_\_

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

#### 3. COMMENTS

Signed: Colleen Murnahan

Date: 2-14-2011

### 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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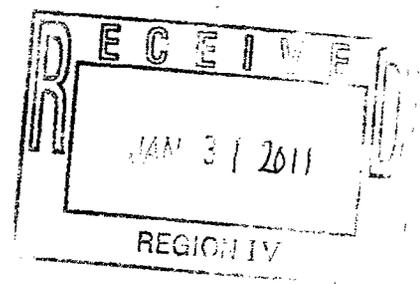
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