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Environmental Protection Division
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Date: March 21, 2008
Refer to: ENV-DO:08-005

Mr. Ron Duffy
New Mexico Environment Department
Air Quality Bureau
1301 Siler Rd. Bld. B
Santa Fe, NM 87507

IDEA ID NO. 856 – LOS ALAMOS NATIONAL LABORATORY
2007 EMISSIONS INVENTORY REPORT REQUIRED UNDER 20.2.73 NMAC

Dear Mr. Duffy:

Enclosed is the 2007 Emissions Inventory Update for Los Alamos National Laboratory (LANL or Laboratory), required by Title 20, Chapter 2, Part 73 of the New Mexico Administrative Code (20.2.73 NMAC), Notice of Intent and Emissions Inventory Requirements.

We have updated the Excel worksheets that you provided, using the guidance in your instructions for the *2007 New Mexico Emissions Inventory Update.* All changes made to the worksheets are highlighted in yellow (additions).

In general, criteria pollutant emissions from LANL sources in 2007 are similar to emissions reported last year. Additionally, please note the following for our inventory for 2007:

- From the NMED 2007 Emissions Inventory instructions, we are directed to "Report actual emissions of individual (speciated) hazardous air pollutants (HAPs) that are equal to or greater than 0.5 tons per year per emission unit." Therefore, for each source, LANL has only reported HAPs that are equal to or greater than 0.5 tons per year.

- Emissions of radionuclides other than radon from Laboratory operations, as reported to EPA under 40 CFR 61 Subpart H, resulted in a maximum offsite dose of 0.47 mrem during 2006. For 2007, this offsite dose is estimated to be 0.5 mrem. A final dose for 2007 will be reported to EPA in June 2008.

This submittal includes a diskette (Attachment 1) containing electronic copies of the updated spreadsheets and a signed certification statement (Attachment 2). We have also included a summary report that was prepared at the completion of the Emissions

Inventory submittal for 2006 (Attachment 3). We followed the same methodology in preparing the 2007 emissions inventory updates as described in this report.

If you have any questions regarding this report, please contact Steve Story (665-2169) or Walt Whetham (665-8885), in the Laboratory's Ecology and Air Quality Group.

Sincerely,

Victoria A. George
Division Leader
Environmental Protection Division

VAG:alb

Enc: a/s

Cy:
V. Bynum, PADOPS, w/o enc., A102
R.Watkins, ADESH&Q, w/o enc., K491
S. Fong, DOE-LA-SO, w/o enc., A316
P. Wardwell, LC-ESH, w/o enc., A187
D. Wilburn, ENV-EAQ, w/o enc., J978
D. Janecky, ENV-EAQ, w/o enc., J978
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M. Stockton, ENV-EAQ, w/o enc., J978
D. Fuehne, ENV-EAQ, w/o enc., J978
W. Whetham, ENV-EAQ, w/o enc., J978
IRM-RM550, w/o enc., A150
ENV-EAQ Emissions Inventory File
ENV-EAQ File
ENV-DO File

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Approved for public release; distribution is unlimited.

Title: 2007 Emissions inventory Report

Author(s): Walter Whetham

Intended for: Ron Duffy, New Mexico Environmental Department

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Form 836 (7/06)

2007 Emissions Inventory Certification

I, Victoria A. George, hereby certify on behalf of Los Alamos National Security, LLC (LANS), that the information and data submitted in the 2007 Emissions Inventory for Los Alamos National Laboratory with Permit Number P100M2 (IDEA/Tempo ID No. 856) are as complete, true and accurate as possible, to the best of my personal knowledge and professional expertise and experience.

Signed this twenty-first day of March, 2008, upon my oath of affirmation, before a notary of the State of New Mexico.

SIGNATURE (Responsible Company Official)	3/17/08 DATE	505-667-2211 PHONE
Victoria A. George PRINTED NAME	Division Leader TITLE	LANS COMPANY

Subscribed and sworn to before me on this 17th day of March, 2008.

My authorization as a Notary of the State of New Mexico expires on the 10th day of June, 2008.

NOTARY'S SIGNATURE	3/17/08 DATE
Taylor Valdez NOTARY'S PRINTED NAME	NOTARY SEAL