

February 15, 2007

Certified Mail No. 7005 0390 0001 6087 4859  
Return Receipt Requested

Richard Goodyear, P.E.  
Permit Programs Manager  
Air Quality Bureau  
New Mexico Environment Department  
2048 Galisteo  
Santa Fe, New Mexico 87505

**Re: Permit No. 325-M-9, Rev.13 - Technical Permit Revision – Emission Factor Changes**

Dear Mr. Goodyear,

Condition 2.C.ii.f of the permit requires Intel to evaluate the emission factors used to calculate the Nitrogen Oxides (NOx) and Carbon Monoxide (CO) emissions from the 1250 BHP boilers annually, and update as necessary such that they are based on the most recent three years of operational data. In accordance with Condition 2.C, Intel has evaluated the testing and operational data and determined that the NOx and CO emission factors will not require updating for 2007. Data used to perform the evaluation is included on diskette.

Pursuant to Condition 1.G of Air Quality Permit No 325-M-9, Rev. 13 (Permit), Intel submits the following proposed technical permit revision to change the emission factors (EFs) for NOx and CO in Table 1 for the thermal oxidizers (RTO) and to change the factors for hazardous air pollutants (HAP) and volatile organic compounds (VOCs) in Tables 3 and Z. Table 1 of the Permit contains the EFs used to calculate Intel's twelve-month rolling total NOx, CO and VOC emissions from the combustion of natural gas; Tables 3 and Z contain the HAP and VOC EFs used to calculate Intel's twelve-month rolling total HAP and VOC emissions.

RTO NOx & CO EFs

Intel is requesting that the emission factors for NOx and CO for the RTOs be updated using the hourly maximum emission rates from the past two years of FTIR testing and average natural gas consumption rate from the past two years. Enclosure 1 contains the summary operational and testing data used to calculate the proposed emission factors.

HAP and VOC EFs

The proposed revision reflects the following changes to the emission factors:

- 1) Inclusion of the process changes at the site that already have been implemented and those that will be implemented in the future.

U.S. Postal Service™  
**CERTIFIED MAIL™ RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)  
For delivery information visit our website at www.usps.com®

**OFFICIAL USE**

SANTA FE NM 87505

Postage	\$	\$2.31
Certified Fee		\$2.40
Return Receipt Fee (Endorsement Required)		\$1.85
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$6.56

0124  
0124  
Postmark Here 2007  
RIO RANCHO, NM 87124  
02/15/2007 USPS

Sent To Mr Richard Goodyear, NMED  
Street, Apt. No., or PO Box No. 2048 Galisteo Rd  
City, State, ZIP+4 Santa Fe NM 87505

PS Form 3800, June 2002 See Reverse for Instructions

7005 0390 0001 6087 4859

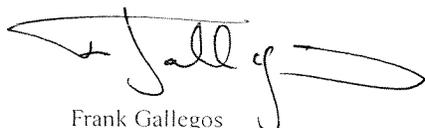
Intel Corporation  
4100 Sara Road  
Palo Alto, CA 94303  
www.intel.com

- 2) Inclusion of several chemicals for which chemical-specific factors are not specified in the permit. These chemicals currently have a default emission factor of 1.0 and are either chemicals that were not previously used at Intel, or chemicals that have been used at Intel, but did not have previously established emission factors.

Enclosure 2 provides the detail for changes to the emission factors.

Pursuant to 20.2.72.219.B.6 NMAC, Intel has provided notice by certified mail to all municipalities, Indian tribes, and counties within a ten-mile radius of the site. Public notice has been submitted for publication and copies will be sent separately. Pursuant to 20.2.75.10.A, enclosed please find a check in the amount of \$500.00 for the permit-filing fee. If you have any questions or need additional information, please contact Sarah Chavez at (505)794-4917.

Sincerely,

A handwritten signature in black ink, appearing to read "Frank Gallegos". The signature is stylized with a large, sweeping initial "F" and a long, horizontal flourish extending to the right.

Frank Gallegos  
NM Site Environmental Manager

Enclosure 1: RTO Emission Factor Explanation

Enclosure 2: HAPs and VOC Emission Factor Explanation with Updated Emission Factors

Part VIII Certification

The following are included on diskette:

- Adobe acrobat file containing a complete list of all HAP and VOC emissions factors
- Adobe acrobat file containing the boiler emissions calculations
- Adobe acrobat file containing the boiler emissions testing results for 2006

## Part VIII – Certification

Company Name: Intel

I, Frank Gallegos, hereby certify that the information and data submitted in this application are true and as accurate as possible, to the best of my knowledge and professional expertise and experience.

Signed this 15 day of February, 2007, upon my oath or affirmation, before a notary of the State of

New Mexico

[Signature]  
Signature

02/15/07  
Date

Frank Gallegos  
Printed Name

Environmental Manager  
Title

Scribed and sworn before me on this 15 day of February, 2007.

My authorization as a notary of the State of New Mexico expires on the

20th day of May, 2008.

[Signature]  
Notary's Signature

2/15/2007  
Date

Liza Marquez  
Notary's Printed Name

