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State of New Mexico
ENVIRONMENT DEPARTMENT

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RON CURRY
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File: LANL Red 94

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January 27, 1994

CERTIFIED MAIL NO. P 369 890 437
RETURN RECEIPT REQUESTED

Jean Dewart
Section Leader, Environmental Protection
Mailstop K-490
Los Alamos National Laboratory
P.O. Box 1663
Los Alamos, NM 87545

Ref: ESH-8/AQMS-94-0017
Sub: Los Alamos National Laboratory PBR/SDP Experiment Unit

Dear Mr. Dewart:

This letter acknowledges your air emissions review letter (dated January 21, 1994) on the packed bed reactor/silent discharge plasma (PBR/SDP) treatment process in the Los Alamos National Laboratory.

Based on the information provided in your letter, the Department has determined that the potential emission rates of any criteria or toxic air pollutants are below the threshold limits stated in Air Quality Control Regulation 702 ("AQCR 702"). Therefore, in accordance with AQCR 702 an air quality permit is not required for this experiment to construct and operate as long as this experiment emits only the pollutants listed in your letter and the emissions are below the rates specified in that letter. We have also determined that no new source performance standards (NSPS) or national emission standards for hazardous air pollutants (NESHAPS) shall apply to this unit.

Because the potential emission rate from this experiment unit are less than ten (10) tons per year, this experiment unit is not subject to AQCR 703.1.

Please note, any changes in experiment procedure, method of operation, or increase in process capacity may constitute a modification which could require an

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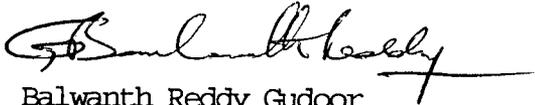
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air quality permit. In such case, a revised emissions estimation report shall be submitted to our Department for permit applicability determination review.

If you have any questions, please call me in Santa Fe at (505) 827-2412. Thank you for your cooperation with the Department.

Sincerely,



Balwanth Reddy Gudoor
Environmental Engineer
Technical Analysis and Permits Section
Air Pollution Control Bureau

xc: Cornelius Amindyas, Hazardous and Radioactive Materials Bureau, NMED