



Department of Environmental Quality

811 S.W. SIXTH AVENUE, PORTLAND, OREGON 97204 PHONE: (503) 229-5696

May 15, 1987

Hazardous & Solid Waste Division
Dept. of Environmental Quality

RECEIVED
MAY 18 1987

Ms. Bonnie Gariepy
Intel Corp.
5200 NE Elam Young Parkway
Hillsboro, OR 97124-6497

Re: Intel Corp. - Aloha Facility
ORD 060 691 963

Dear Ms. Gariepy:

Thank you for your presentation of March 18, 1987, which provided the Department with an informative view of Intel's proposed hydrofluoric acid waste treatment system. You have asked for a response from the Department which will document the regulatory status of the proposed system. This letter will provide that assessment with respect to the Department's regulations.

The neutralization of waste hydrofluoric acid (a hazardous waste) is allowed without a hazardous waste treatment permit provided the neutralization process occurs within an elementary neutralization unit or a wastewater treatment unit as defined in 40 CFR 260.10. As proposed, waste hydrofluoric acid will be neutralized in a tank and the supernatant effluent discharged into a publicly owned treatment works (Unified Sewerage Agency).

We understand that Intel has installed a similar system at a facility in New Mexico to treat the same wastes as those produced at the Aloha plant. Based on this understanding, the waste hydrofluoric acid treatment system proposed by Intel meets the criteria of an elementary neutralization unit and does not require a hazardous waste treatment facility permit.

You have advised us that the sludge generated by the neutralization process is calcium fluoride, is not a hazardous waste and that Intel has tested the sludge from its New Mexico facility to confirm this determination. However, the Department will require that the sludge generated at the Aloha facility should also be tested to verify that it is not a hazardous waste. If the sludge is determined not to be a hazardous waste, it is a solid waste and must be properly managed unless it can be used in a productive manner.

Ms. Bonnie Gariepy, Intel Corp.
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Since the effluent discharge is to a publicly owned treatment works (POTW), the provision of Oregon Administrative Rule 340-45-015(4) applies. This provision exempts persons who discharge into POTW's from the requirement to have a water pollution control facility permit. Of course, the discharge must be reported to the affected POTW and meet the POTW's permit and discharge requirements.

This proposed neutralization system may qualify Intel for an Oregon Pollution Control Tax Credit. To be eligible, an application must be submitted to the Department at least 30 days prior to the scheduled construction start date. A preliminary tax credit certificate must be issued by the Department prior to commencement of construction for the tax credit to be authorized.

Should you need further clarification regarding the regulatory status of your facility, please contact me at 229-5153.

Sincerely,



Dennis L. Adamczyk
Senior Environmental Analyst
Northwest Region

DLA:p
RP555

cc: John Greeley, Unified Sewerage Agency
Hazardous & Solid Waste Division, DEQ
Water Quality Division, DEQ
Management Services Division, DEQ

INTEL CORPORATION
5200 N.E. Elam Young Parkway
Hillsboro, OR 97124-6497
(503) 681-8080



February 4, 1987

Hazardous & Solid Waste Division
Dept. of Environmental Quality

RECEIVED
FEB 06 1987

Mr. Dennis Adamczyk
Northwest Region
Department of Environmental Quality
811 Southwest Sixth Avenue
Portland, Oregon 97204

Dear Mr. Adamczyk:

REFERENCE: INTEL CORPORATION, ALOHA CAMPUS
ORD 060 691 963

This letter is in response to the Notice of Violation, dated January 16, 1987, concerning tanks containing hazardous waste at the Intel Aloha Campus that were not properly marked with the words "Hazardous Waste." These tanks have now been labeled "Hazardous Waste" in conformance with 40 CFR 262.34 (a)(3).

For the record, I would like to reiterate that whereas at the time of your inspection the tanks were not labeled with the words "Hazardous Waste", they were clearly labeled as to their contents and the appropriate hazard warning so as to provide adequate notice of potential dangers.

If you have any questions, please do not hesitate to contact me at 681-4560.

Sincerely,

A handwritten signature in dark ink, appearing to read "John Harland". The signature is fluid and cursive, with a large initial "J" and a long, sweeping underline.

John Harland, P.E.
Environmental Engineer

JH/ga

cc: Hazardous and Solid Waste Division, DEQ
Enforcement Division, DEQ
Bjoern Almroth, Intel
Tom O'Kelley, Intel