



DEPARTMENT OF THE NAVY

NAVAL AIR STATION  
ALAMEDA, CALIFORNIA 94501 - 5000

N00236.001094  
ALAMEDA POINT  
SSIC NO. 5090.3

IN REPLY REFER TO  
5090  
Ser 52/X341  
20 March 1992

Dear neighbor:

The Naval Air Station (NAS) Alameda has prepared a health risk assessment for the aircraft maintenance and repair facilities at the Naval Aviation Depot, Alameda. A health risk assessment is a document that describes the possible health effects which may result from exposures to routine emissions of toxic air contaminants.

In December 1991, you received a similar notice regarding toxic air emissions. NAS Alameda is required to send out periodic notifications to residences and businesses in the area, and hold a public meeting every two years, under the requirements of the California Air Toxics "Hot Spots" Information and Assessment Act of 1987. This law requires a business which causes air emissions which are determined to be over a set individual carcinogenic risk level (10 in 1 million) to inform the general public.

Most of the calculated cancer risk from this facility comes from Benzene, Hexavalent Chrome, Dioxane and Methylene Chloride.

The risk level was estimated based on the assumption that air emission sources were operated 24 hours per day. (Many risk assessments are calculated by similar conservative methods.) The Bay Area Air Quality Management District (BAAQMD) notified NAS Alameda that the risk level was overestimated based on our assumption, and requested NAS Alameda to reevaluate the risk level.

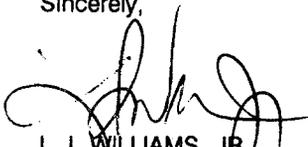
NAS Alameda and the Naval Aviation Depot, Alameda are actively involved in efforts to reduce toxic air emissions. Several old facilities have been closed and their operations relocated to new facilities. These processes include paint stripping and painting of aircraft, and plating activities. The new facilities have state-of-the-art environmental controls which significantly reduce air emissions.

Naval Aviation Depot, Alameda is also in the process of substituting the 1,1,1-trichloroethane solvent containing 1,4-dioxane currently in use, with a trichloroethane solvent that does not contain dioxane. We expect to have 100 percent substitution in the very near future. At that point, NAS Alameda will recalculate the risk level and relay the information in the next public notification. We are confident that the new risk level will be reduced significantly. In addition, we will prepare a new risk assessment document and present the results in another public meeting.

Enclosed is a public notification of the risk assessment prepared by the BAAQMD (Enclosure (1)). This notification is being provided because you have a right to know about air pollution in your community. It does not mean that you are in a "Hot Spot." You may receive similar notices from other facilities in your area.

The health risk assessment is a report which describes in detail the basis for the risk estimate. You may review the risk assessment at the office of the BAAQMD by making an appointment with the Toxics Section. The risk assessment is also available at the main Alameda Public Library information repository located at 2264 Santa Clara Avenue, Alameda, California. For further information, please contact Ms. Sherri Withrow, NAS Alameda Environmental Branch, Community Relations, Code 524, at (510) 263-3724.

Sincerely,



L. I. WILLIAMS, JR.  
Captain, U.S. Navy  
Commanding Officer

Encl.

(1) Bay Area Air Quality Management District Public Notification

1094



# BAY AREA AIR QUALITY MANAGEMENT DISTRICT

March 16, 1992

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Joe Head  
Dianne McKenna

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SONOMA COUNTY  
Jim Harberson  
Patricia Hilligosa  
(Secretary)

Dear neighbor:

This notice is being provided because you have a right to know about air pollution in your community.

Naval Air Station has prepared a health risk assessment for its aircraft refurbishing facility at Alameda, California. A health risk assessment is a document that describes the possible health effects which may result from exposure to routine emissions of toxic air contaminants.

The health risk assessment, and this notification, were prepared in order to meet the requirements of the California Air Toxics "Hot Spot" Information and Assessment Act of 1987. The purpose of this notice is to inform you that the health risk assessment has been prepared, and to let you know how to obtain more information. This notice does not mean that you are in a "Hot Spot".

Most of the calculated cancer risk from this facility comes from benzene, hexavalent chromium, dioxane, and methylene chloride.

The health risk assessment itself is a report which describes in detail the basis for the risk estimate. You may review the risk assessment at the offices of the Bay Area Air Quality Management District by making an appointment with the Toxics Section. The staff of the Toxics Section are also available to answer questions and provide information. A copy of the risk assessment is also available at a nearby public library. Call the Toxics Section to find out the exact location of your nearest library.

The District has many programs to reduce the public's exposure to toxic air contaminants. To find out more about these programs, please write or call the Toxics Section.

You may receive similar notices from other facilities in your area.

If you are operating a business at this address, we recommend that you post this notice where your employees can see it.

Paul L. Cooper  
Chairperson, Board of Directors

**FOR MORE INFORMATION:**

Toxics Section  
Bay Area Air Quality Management District  
939 Ellis Street, San Francisco, CA 94109  
(415) 771-6000

Encl (1)

Commanding Officer  
Naval Air Station (Code 524)  
Building 114, Room 209  
Livermore, CA 94501-5000

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