



# California Regional Water Quality Control Board

## Los Angeles Region



Linda S. Adams  
Cal/EPA Secretary

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Arnold Schwarzenegger  
Governor

February 4, 2010

Mr. William Preston Bowling  
Founder/Director  
Aerospace Cancer Museum of Education  
23350 Lake Manor Drive  
Chatsworth, CA 91311

**RESPONSE TO COMMENTS ON LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD LETTER DATED DECEMBER 16, 2009 – RAYTHEON COMPANY (FORMER HUGHES MISSILE SYSTEMS COMPANY), 8433 FALLBROOK AVENUE, CANOGA PARK, CALIFORNIA 91304 (SCP NO. 0693, SITE ID NO. 2043T00)**

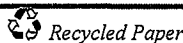
Dear Mr. Bowling:

Thank you for your December 16, 2009 response to the Los Angeles Regional Water Quality Control Board (Regional Board) letter, dated December 16, 2009, which provided additional clarification regarding the Regional Board's no further action (NFA) decision (October 30, 2009) for radioactivity analyses on groundwater samples from the former Raytheon facility (former Hughes Missile Systems Company) site.

Regional Board staff have reviewed your referenced report titled *An Investigation on the <sup>137</sup>Cs Content of Soil Collected from the Boeing North America, Inc., Employees' Recreational and Fitness Center in Canoga Park (CA)*, dated June 20, 1997, prepared by Dr. Terry F. Hamilton of the Marshall Islands Dose Assessment and Radioecology Program, Health & Ecological Assessments Division of Lawrence Livermore. The facility referenced in the report was located east of the former Raytheon site, across Fallbrook Avenue. The report concluded that "In summary, the sample collection and analysis did not reveal any evidence that <sup>137</sup>Cs present in these soils could have been derived from local contamination. Furthermore, the levels and <sup>137</sup>Cs soil inventories over the study site can be adequately explained by direct deposition of global fallout [from atmospheric nuclear weapons testing] through the period 1945-1997. This suggests that the data is derived from 'background' concentrations."

Please note that the Regional Board's NFA decision is limited only to the former Raytheon facility, because there are no suspected releases of radionuclides from Raytheon's historical operations at the site based on the information provided to date. However, as stated in the Regional Board's December 16, 2009 letter, if new information indicates that the radioactive contamination found in groundwater beneath the former Raytheon facility resulted from either on-site or off-site man-made radioactive sources, appropriate actions will be taken at that time.

*California Environmental Protection Agency*



*Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.*

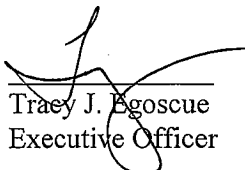
Mr. William Preston Bowling  
Aerospace Cancer Museum of Education

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February 4, 2010

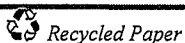
If you have any questions related to the investigation and remediation of other contaminants in groundwater at the former Raytheon facility site, please contact Dr. Ann Chang at (213) 620-6070.

Sincerely,

  
Tracy J. Egoscue  
Executive Officer

cc: Mr. Daniel S. Samorano, Raytheon Company  
Mr. Stefan Cajina, California Department of Public Health  
Mr. Chris Nagler, Watermaster, California Department of Water Resources  
Mr. Bernard Franklin, Los Angeles County, Department of Public Health  
Mr. Hoover Ng, Water Replenishment District- Southern California  
Mr. Rod Collins, Department of Toxic Substances Control  
Mr. Jacques Marcillac, Oneida Total Integrated Enterprises  
Mr. Kenneth Katich, Trammell Crow Company  
Ms. Christina Walsh, Cleanuprocketdyne.org  
Ms. Bonnie Klea  
Ms. Chris Rowe  
Mr. Daniel Wiseman

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