

JUN 14 1976

Harold R. Denton, Director, Division of Site Safety and Environmental Analysis

TECHNICAL ASSISTANCE REQUEST - HUMBOLDT BAY LIQUID RADWASTE SYSTEM

PLANT NAME: Humboldt Bay  
LICENSING STAGE: Licensed  
DOCKET NUMBER: 50-133  
RESPONSIBLE BRANCH: ORB-4  
ORPM: C. Nelson  
REQUESTED COMPLETION DATE: June 23, 1976

Your assistance is requested in the review of groundwater transport mechanisms presented in "Liquid Radwaste System Accident Analysis for Pacific Gas and Electric Company Humboldt Bay Power Plant Unit No. 3" by Bechtel Corporation, February 1976. You are requested to determine the dilution factor and transit time to Humboldt Bay and to the nearest potable water supply for rupture of three 6,000 gal. waste receiver tanks, two 6,000 gal. waste holdup tanks and two 4,000 gal. concentrated waste tanks within the Radwaste Facility.

We also request that you provide assistance to the Environmental Evaluation Branch in developing source terms for liquid radwaste system failure analysis as required.

V. Stello, Jr., Director  
Division of Operating Reactors  
Office of Nuclear Reactor Regulation

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