

STATE WATER RESOURCES CONTROL BOARD  
RESOLUTION NO. 75-72

CONCURRENCE WITH EXCEPTIONS TO  
THE THERMAL PLAN FOR THE  
CALIFORNIA AND HAWAII SUGAR  
COMPANY (CROCKETT)

WHEREAS:

1. On May 18, 1972, the State Water Resources Control Board adopted a "Water Quality Plan for Control of Temperature in the Coastal and Interstate Waters and Enclosed Bays and Estuaries of California," hereinafter called the Thermal Plan.
2. California and Hawaii Sugar Company, hereinafter the discharger, currently discharges approximately 30 mgd of cooling and process wastes to the Carquinez Strait via eight outfalls.
3. By letter dated August 15, 1973, the discharger has requested from the Regional Board exceptions to Specific Water Quality objectives 5.A.(1)a, 5.A.(1)c, and 5.A.(2) of the Thermal Plan as quoted below:
  - "(1)a the maximum temperature shall not exceed the natural receiving water temperature by more than 20°F.
  - "(1)c No discharge shall cause a surface water temperature rise greater than 4°F above the natural temperature of the receiving waters at any time or place.
  - "(2) Thermal waste discharges shall comply with the provisions of 5.A.(1) above and, in addition, the maximum temperature of Thermal waste discharges shall not exceed 86°F."
4. The California and Hawaiian Sugar Company has requested the Regional Board to grant the exceptions using as authority Sections 4.C. and D. of the General Water Quality Provisions of the Thermal Plan, quoted below:
  - "4. An exception to the specific water quality objectives of this plan may be authorized by a Regional Board for a specific discharge upon a finding following public hearing that:
    - "C. Changes in existing discharge structures or their operation to obtain compliance with water quality objectives would result in environmental impact greater than would occur with modified water quality objectives, or

"D. Compliance by existing discharges with specific water quality objectives would require modification of operation or facilities not commensurate with benefit to the aquatic environment."

5. After review of all pertinent data and testimony, the San Francisco Bay Regional Water Quality Control Board by Order No. 75-5 granted exception to Specific Water Quality Objectives 5.A.(1)a. and 5.A.(2) with the stipulation that the thermal waste be diffused on the bottom at least 75 feet offshore and receive an initial dilution of at least 10:1.
6. The State Board finds that alternative less stringent requirements granted in Regional Board Order No. 75-5 will assure the protection and propagation of a balanced indigenous population of shellfish, fish, and wildlife within the meaning of Section 316(a) of P. L. 92-500.

**THEREFORE BE IT RESOLVED:**

That the State Water Resources Control Board concurs with Resolution No. 75-5 of the San Francisco Regional Water Quality Control Board and finds that alternative less stringent requirements to the Thermal Plan recommended for California and Hawaii Sugar Company, Crockett will assure the protection and propagation of a balanced indigenous population of shellfish, fish and wildlife within the meaning of Section 316(a) of P. L. 92-500.

**CERTIFICATION**

The undersigned, Executive Officer of the State Water Resources Control Board, does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on **JUL 17 1975**

*Bill B. Dendy*

Bill B. Dendy  
Executive Officer