

STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 88-80

GRANTING AN EXCEPTION TO THE WATER QUALITY CONTROL PLAN, OCEAN WATERS OF CALIFORNIA, FOR NINE SOUTHERN CALIFORNIA ELECTRICITY-GENERATING STATIONS: HAYNES, HARBOR, SCATTERGOOD, ALAMITOS, EL SEGUNDO, LONG BEACH, MANDALAY, ORMOND BEACH, AND REDONDO

WHEREAS:

1. The State Board adopted a revised Water Quality Control Plan, Ocean Waters of California (Ocean Plan) on November 17, 1983 which contains numeric water quality objectives for total chlorine residual adequate to protect all beneficial uses.
2. Exceptions to the Ocean Plan can be granted by the State Board provided that: (a) the exception will not compromise protection of beneficial uses, and (b) the public interest will be served.
3. Southern California Edison and the Los Angeles Department of Water and Power requested and were granted temporary exceptions to the Ocean Plan limitation on the discharge of total chlorine residual for the nine above-named facilities (State Board Resolution No. 86-42).
4. The Ocean Plan method for calculating effluent limitations (page 7, equation 1 of the Ocean Plan) does not consider the reduction of chlorine to a nontoxic state during initial dilution.
5. Sufficient evidence exists to show that the proposed alternate total chlorine residual effluent limitations should result in meeting the numeric chlorine receiving water quality objectives at the edge of the zone of initial dilution allowed by the Ocean Plan.
6. The dischargers have submitted evidence, including the results of toxicity tests on indigenous marine organisms, to show that the alternate total chlorine residual effluent limitations are adequate to protect beneficial uses.
7. Compliance with Ocean Plan limitations on total chlorine residual would require large capital costs at the nine above-named facilities.
8. The public interest will not be served by requiring capital expenditures of the nine above-named facilities to meet effluent limitations which appear to be unnecessary to protect beneficial uses.
9. A staff report has been prepared in compliance with the California Environmental Quality Act.

10. The exception, as approved, will not have a significant effect on the environment.
11. Ocean Plan exceptions are not effective until approved by the U.S. Environmental Protection Agency.

THEREFORE BE IT RESOLVED:

1. That the State Board hereby grants the following maximum total chlorine residual effluent limitations:

FACILITY NAME	DISCHARGE NUMBER(S)	INITIAL DILUTION	NPDES NUMBER	CHLORINE DURATION MIN/EVENT	DISCHARGE CONCENTRATION (MG/1)
HAYNES HARBOR	001-002-003	4.5	CA0000353	20	0.413
SCATTERGOOD	001-002	3.1	CA0000361	12	0.377
ALAMITOS	002	9.7	CA0000370	40	0.436
EL SEGUNDO	001-002-003	4.5	CA0001139	15	0.453
	001	18	CA0001147	30	0.820
	002	12		30	0.574
LONG BEACH	001	3.2	CA0001171	15	0.355
MANDALAY	001	2.6	CA0001180	10	0.365
ORMOND BEACH	001	6.5	CA0001198	20	0.399
REDONDO	001	11.5	CA0001201	20	0.633
	002	7.0		20	0.422

2. That the monitoring programs at the nine above-named facilities shall include toxicity tests with early life stages of giant kelp until such time as the State Board adopts a policy for water quality-based toxicity control.
3. That the State Board directs the Executive Director or his designee to transmit the decision on the exception to the U.S. Environmental Protection Agency, Region 9, for approval.

CERTIFICATION

The undersigned, Administrative Assistant to the 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 July 21, 1988.


Maureen Marche
Administrative Assistant to the Board