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FILE ENVIRO

FROM: Environmental Protection Agency San Francisco, California 94111 Paul De Falco, Jr.	DATE OF DOC: 4-18-73	DATE REC'D 4-21-73	LTR x	MEMO	RPT	OTHER
TO: W. W. Adams	ORIG	CC 1	OTHER	SENT AEC PDR x SENT LOCAL PDR x		
CLASS: <u>U</u> PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: <u>50-275</u> 50-323			

DESCRIPTION: Ltr re State Water Quality Standards for Interstate Waters.....trans the following:  
NOTE: Enclosure No. 1 rec'd

ENCLOSURES: Changes to California's Interstate Water Quality Standards by the Federal Water Pollution Control Act Amendments of 1972

ENVIRON, FILE (NEPA)

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAMES: Diablo Canyon Units 1 & 2

(1 cy rec'd)

FOR ACTION/INFORMATION 4-24-73 LB

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16-CYS ACRS HOLDING	1- GERLAD ULRIKSON....ORNL	1- RD...MULLER...F-309GT

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Regulatory File Cy.

W. W. Adams, Chairman  
State Water Resources Control Board  
Attn: Executive Officer  
1416 Ninth Street, Room 1140  
Sacramento CA 95814

JAN 18 1973

Dear Mr. Adams:

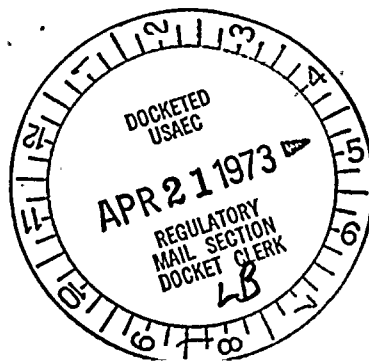
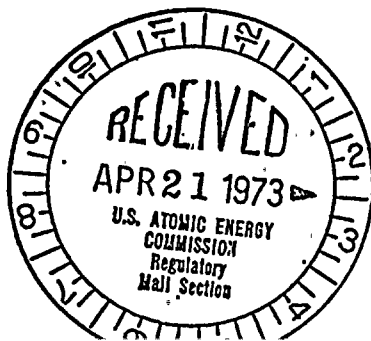
Section 303 (a)1 of the Federal Water Pollution Control Act Amendments of 1972 requires the Environmental Protection Agency to review and comment on water quality standards applicable to interstate waters. The purpose of this letter is to officially notify you of the deficiencies identified in your State's water quality standards for interstate waters when reviewed for conformance with national guidelines and the requirements of the Federal Water Pollution Control Act as amended.

The specific changes your State should make to its water quality standards are stated in the enclosures. The enclosures are:

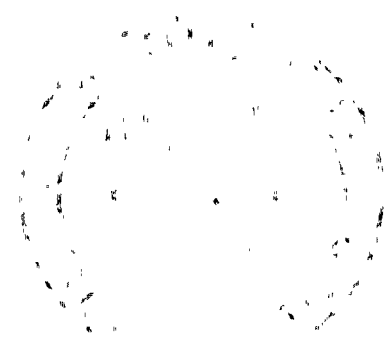
1. Changes to California's Interstate Water Quality Standards Required by the Federal Water Pollution Control Act Amendments of 1972, January 12, 1973.
2. Secretary Udall's letter of January 9, 1969
3. Mr. De Falco's letter of January 26, 1972
4. Mr. De Falco's letter of August 15, 1972.

The Act requires that these changes be made within ninety days after the date of this letter. If such changes are not adopted by the State before that date, the Act makes it mandatory that the Administrator promulgate such changes in accordance with Section 303 (b).

I recognize that the deadline by which the States must revise their water quality standards is extremely short. Please advise me of your proposed



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schedule for making these changes and any problems you foresee in accomplishing portions of this task. If we can be of any assistance to you in meeting your deadline, or if you would like further information on our comments, please do not hesitate to contact our Water Quality Standards Coordinator, Mr. Phil Woods, telephone (415) 556-2005.

Sincerely,

Original signed by:  
Paul De Falco, Jr.

Frank M. Covington, Director  
Air & Water Programs Division

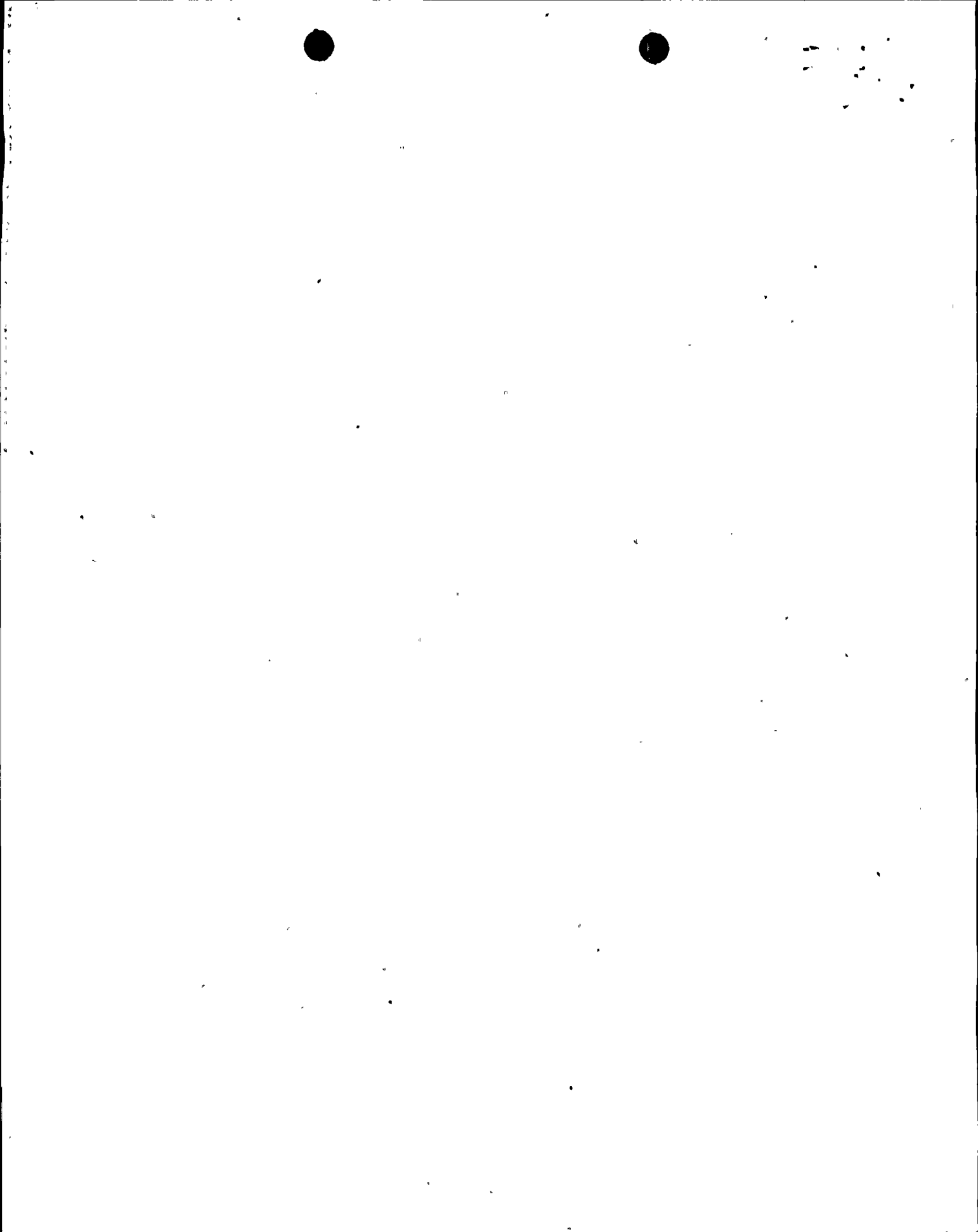
Enclosures

cc: Bill B. Dendy, Executive Officer  
Calif. State Water Resources Control Bd.

bc: Ken Mosbaugh, WQS Coordinator, Region X  
Bill Fox, WQS, EPA, Wash., DC

Reading File  
PWoods/A/239 255/239 077  
1/18/73

PCW  
1-18-73



Environmental Protection Agency  
January 12, 1973

Changes to California's Interstate Water Quality Standards  
Required by the Federal Water Pollution Control Act Amend-  
ments of 1972

Reference is made to the earlier correspondence that we have enclosed. The issues discussed in those letters still apply unless they have been superseded by a more recent enclosure. Some of the changes indicated below would be accomplished if selected objectives of the Water Quality Control Plans (Interim) were submitted for addition to the State-Federal Water Quality Standards.

1. National policy requires that all waters be protected for recreational uses and for the support and propagation of desirable species of aquatic life. Therefore, all waters in California should be classified for these beneficial uses, unless the state can demonstrate that under natural conditions or because of technological limitations, the body of water may qualify for an excepted classification. Any exceptions must be reviewed and concurred in by EPA.
2. California's standards for a particular interstate water are not in all cases consistent with those of the bordering state. California must, working with its bordering states, develop consistent standards for all of its interstate waters.
3. Numerical criteria for hazardous substances should be established for interstate waters not provided that protection. These criteria could consist of limits on individual constituents or toxicity criteria or a combination of both. It is suggested that requirements adopted as part of the Ocean Plan be applied to adjacent marine and tributary fresh waters, as appropriate.
4. Existing narrative criteria for nutrients should be supplemented. Where they are not provided, numerical criteria for Total Nitrogen as N and Total Phosphorous as P consistent with national guidelines should be added for all waters.



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Ambient standards for Total Dissolved Solids and inorganic chemical constituents must be established at levels sufficient to serve the purposes of the Act. Implementation of these criteria should be consistent with planning carried out under the provisions of the Act. The following is suggested as one way of incorporating this requirement into your standards:

- (1) High salinity (Total Dissolved Solids) is recognized as a significant water quality problem causing adverse physical and economic impacts on water users. Salinity concentrations are affected by two basic processes:
  - (a) salt loading - the addition of mineral salts from various natural and man-made sources, and
  - (b) salt concentrating - the loss of water from the system through consumptive use or depletion.
- (2) Studies to date have demonstrated that the high salinity of stream systems can be alleviated. Although further study may be required to determine the economic and technical feasibility of controlling specific sources, sufficient information is available to develop a salinity control program. Emphasis will be placed on controlling high salinity through improved water management and conservation practices.
- (3) The antidegradation policy will be applied to salinity.
- (4) The State will determine salinity problem areas within the State and the need for specific numerical standards in terms of quantity and concentration and promulgate such criteria no later than October 18, 1975.

Inasmuch as it has been demonstrated that salinity is a water quality problem in the Colorado River Basin, for the Colorado River portion of your State, ambient numerical standards in terms of quantity and/or concentration for total dissolved solids (minerals and inorganic chemical constituents) must be established to serve the purposes of the Act and meet recommendations of the Seventh Conference in the Matter of Pollution of the Interstate Waters of the Colorado River and its Tributaries (April 26-27, 1972).

Reading file

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