

  
*Southern California Edison Company*

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April 12, 1993

WALTER C. MARSH  
ASSISTANT MANAGER  
NUCLEAR REGULATORY AFFAIRS

TELEPHONE  
(714) 454-4403

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555

Subject: Docket No. 50-361 and 50-362  
Report of NPDES permit Violations  
San Onofre Nuclear Generating Station, Units 2 and 3

References: Letter from H. W. Newton (SCE) to A. L. Coe (California  
Regional Water Quality Control Board, San Diego Region), NPDES  
Monitoring Report Unit 2, March 2, 1993

Letter from H. W. Newton (SCE) to A. L. Coe (California  
Regional Water Quality Control Board, San Diego Region), NPDES  
Monitoring Report Unit 3, March 2, 1993

Section 3.2 of Appendix B to Facility License No. NPF-15 and NPF-10 for San Onofre Nuclear Generating Station (SONGS), Units 2 and 3, requires Southern California Edison to report violations of the National Pollutant Discharge Elimination System (NPDES) permit. This is accomplished by submitting copies of the reports required by the NPDES permit to the NRC.

During January 1993 all sampled water sources were found to be within permit limits with the following exceptions. There was one instance in which two chemical limits were exceeded and one instance of a time limit being exceeded. Both violations occurred on January 23rd and stemmed from the same event involving the circulating water intake chlorination systems for both Units 2 and 3. These violations were reported in the above referenced letters as required by the NPDES permit. Per the above mentioned NRC reporting requirement, a copy of the two referenced reports are enclosed.

If you have any questions, please contact me.

Sincerely,

*Walter C. Marsh*

Enclosures

cc: J. B. Martin, Regional Administrator, NRC Region V  
M. B. Fields, NRC Project Manager, San Onofre Units 2 and 3  
C. W. Caldwell, NRC Senior Resident Inspector, San Onofre Units 1, 2 & 3

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March 2, 1993

California Regional Water Quality Control Board  
San Diego Region  
9771 Clairemont Mesa Boulevard, Suite B  
San Diego, California 92124-1331  
Attn: Mr. Arthur L. Coe

SUBJECT: NPDES Monitoring Report  
San Onofre Nuclear Generating Station, Unit 3

Dear Mr. Coe:

The NPDES Discharge Monitoring Report (DMR) for San Onofre Unit 3 covering the month of January is submitted in accordance with the requirements of Order No. 85-13 (NPDES Permit No. CA0108181). A summary of the generating unit's status and significant analytical results is provided below.

The unit was in operation all month and all sampled water sources were found to be within permit limits with one exception. The measured total residual chlorine on the combined discharge on January 23 was 0.31 ppm. It was also determined that the reportable quantity value of 100 pounds of sodium hypochlorite was exceeded. An estimated amount of approximately 260 pounds of sodium hypochlorite was released. All applicable regulatory agencies were notified. Because of inoperable equipment, Unit 3 was chlorinated with Unit 2 pumps.

During the cross chlorination, flow was mistakenly read from the Unit 2 flow meter. Because some leakage existed past the Unit 2 block valves, the pump speed setting was increased to try and achieve the normal flow of 2 GPM, as indicated on the Unit 2 flow gauge. The flow to Unit 3 exceeded the normal flow rate and resulted in the violation.

Once the violation was discovered, the chlorine pump stroke was reduced and a subsequent sample taken 20 minutes later showed chlorine below permit limits. Corrective actions were taken to restore the system to normal configuration and schedule repairs. Administrative controls have also been put in place to prevent cross chlorination until the leaking block valves have been repaired. In addition, one of the Unit 3 chlorination pumps has been returned to service. It is believed that these actions will prevent reoccurrence of this problem in the future.

Pursuant to Order No. 85-13, Reporting Requirement 12, the following representative has prepared and is authorized to sign the reports required by this order: Robert K. Heckler, Environmental Engineer.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in the attached document, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Sincerely,



H. W. NEWTON  
Manager, Site Support Services

RKH:rk\U3JAN93.NPD

Enclosure

cc: Environmental Protection Agency, Region IX

bcc: R. M. Rosenblum

H. W. Newton/M. J. Johnson - w/o enclosure

R. V. D. Reid

N. J. Mascolo - w/o enclosure

G. E. Hammond - w/o enclosure

G. Shelton (approval per E-mail)

R. Burton (approval per E-mail)

Z. Veress (approval per E-mail)

K. T. Herbinson

CDM Files

Environmental Protection Files

March 2, 1993

California Regional Water Quality Control Board  
San Diego Region  
9771 Clairemont Mesa Boulevard, Suite B  
San Diego, California 92124-1331  
Attn: Mr. Arthur L. Coe

SUBJECT: NPDES Monitoring Report  
San Onofre Nuclear Generating Station, Unit 2

Dear Mr. Coe:

The NPDES Discharge Monitoring Report (DMR) for San Onofre Unit 2 covering the month of January is submitted in accordance with the requirements of Order No. 85-11 (NPDES Permit No. CA0108073). A summary of the generating unit's status and significant analytical results is provided below.

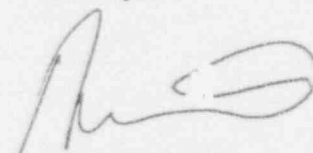
The unit was in operation all month and all sampled water sources were found to be within permit limits. However, on January 23 the two hour chlorination daily time limit was exceeded due to leakage past Unit 2 block valves while chlorinating Unit 3 using a Unit 2 pump. Earlier in the day, Unit 2 was chlorinated for an hour and was within permit limits. Later that same day, the system was cross connected with Unit 2 chlorination pumps supplying Unit 3. This was because the Unit 3 pumps were inoperable. Unit 3 was chlorinated for one hour and thirteen minutes. The leakage past the block valves resulted in Unit 2 being chlorinated for a total of two hours and thirteen minutes for the day. Since that time, one of the Unit 3 chlorination pumps has been repaired and returned to service. The leaking valves have been identified. Administrative controls have also been put in place to prohibit chlorinating a Unit using the other Units pumps until the leaking valves have been repaired.

Pursuant to Order No. 85-11, Reporting Requirement 12, the following representative has prepared and is authorized to sign the reports required by this order: Robert K. Heckler, Environmental Engineer.

March 2, 1993

I certify under penalty of law that I have personally examined and am familiar with the information submitted in the attached document, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Sincerely,



H. W. NEWTON  
Manager, Site Support Services

RKH:rk\U2JAN93.NPD

Enclosure

cc: Environmental Protection Agency, Region IX

bcc: R. M. Rosenblum

H. W. Newton/M. J. Johnson - w/o enclosure *h/*

R. V. D. Reid

N. J. Mascolo - w/o enclosure

G. E. Hammond - w/o enclosure

G. Shelton (approval per E-mail)

R. Burton (approval per E-mail)

Z. Veress (approval per E-mail)

K. T. Herbinson

CDM Files

Environmental Protection Files *RKH*