ACCESSION NBR:8210190560 DOC.DATE: 82/10/15 NOTARIZED: NO FACIL:50-361 San Onofre Nuclear Station, Unit 2, Southern Galiforn 50-362 San Onofre Nuclear Station, Unit 3, Southern Galiforn

DOCKET # 05000361 05000362

AUTH_NAME

NOTES:

AUTHOR AFFILIATION

BASKIN, K.P.

Southern California Edison Co.

RECIP. NAME KERRIGAN.J.D. RECIPIENT AFFILIATION Licensing Branch 3

SUBJECT: Forwards corrected page to rept ressmall learthquake swarm which occurred on 811110. Revised info does not alter conclusions stated in rept.

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Southern California Edison Company



P. O. BOX 800 2244 WALNUT GROVE AVENUE ROSEMEAD. CALIFORNIA 91770

K. P. BASKIN

MANAGER OF NUCLEAR ENGINEERING,
SAFETY, AND LICENSING

October 15, 1982

TELEPHONE (213) 572-1401

Director, Office of Nuclear Reactor Regulation
Attention: Ms. Janis D. Kerrigan, Acting Branch Chief
Licensing Branch No. 3
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Gentlemen:

Subject: Docket Nos. 50-361 and 50-362

San Onofre Nuclear Generating Station

Units 2 and 3

By letter dated November 30, 1981, Southern California Edison Company transmitted to the NRC a report concerning a small earthquake swarm which occurred on November 10, 1981 and was located offshore from Oceanside, California. A subsequent review of this report has revealed an editorial error. Accordingly, a corrected page 30 of the subject report is provided as an enclosure to this letter. This revised information does not alter the conclusions stated in the November 30, 1981 letter and the subject report.

 $\qquad \qquad \text{If you have any questions or comments concerning this matter, please contact me.} \\$

Very truly yours,

2P Bushin

B02/

12. What is the significance of the event listed in the FSAR, magnitude 5-5.9, that is located in the region of the current swarm?

The seismicity listings and the epicenter map (Figure 2.5-17) in section 2.5 of the FSAR was originally prepared by the National Geophysical and Solar-Terrestrial Data Center of the National Oceanic and Atmospheric Administration (NOAA). This seismicity data was superseded by an update constructed from the Caltech catalog, Figure 2.5-17a and Table 2.5-4 (Amendment 23 to the FSAR). The NOAA listing for this event was:

Sept	23, 1963	14:01:17.6	GMT
-	33.25N	117.516W	
	$m_{b} = 5.3 (CGS)$	$M_{T}=2.7$	(Pas)

The corresponding Caltech entries that clarify the record are:

Sept	23, 1963 34.26N	14:01:17.6 116.52W M _L =2.7	GMT
Sept	23, 1963 33.71N	14:41:52.6 116.92W M _r =5.0	GMT

We conclude that the NOAA entry was in error and that, none of these events are of interest for evaluating the current swarm.