

August 24, 2006

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Subject: **Docket No. 50-361**
Special Report – Unusual Environmental Event
San Onofre Nuclear Generating Station, Unit 2

Gentlemen:

In accordance with Section 4.1 of Appendix B to Facility Operating License No. NPF-10 for San Onofre Nuclear Generating Station Unit 2, this letter provides the required written report for an occurrence involving an unusual environmental event. On August 1, 2006, Southern California Edison (SCE) reported an "unusual fish kill" to the U. S. Nuclear Regulatory Commission (NRC), and this letter provides the required 30-day follow-up written report.

While the NRC has not specified a reporting limit for an unusual fish kill, SCE uses 4,500 pounds as a guideline for evaluating fish kill events. On July 31, 2006, SCE began a Heat Treat of the Unit 2 intake structure, and on August 1, 2006, SCE removed approximately 5,700 pounds of fish, of which the large majority were Yellowfin Croakers. SCE believes the unusual fish kill was due to the higher ocean water temperatures during this past month.

At the time of the event, Units 2 and 3 were operating at about 99% and 100% power, respectively, and plant operations did not change during this period.

If you have any questions, please contact Mr. Clay E. Williams at (949) 368-6707.

Sincerely,



cc: B. S. Mallett, NRC Regional Administrator, Region IV
K. Kalyanam, NRC Project Manager, San Onofre Units 2, and 3
C. C. Osterholtz, NRC Senior Resident Inspector, San Onofre Units 2 and 3