

June 30, 1997

**PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-IV-97-038**

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by Region IV staff in Arlington, Texas on this date.

**Facility****Licensee Emergency Classification**

Southern California Edison & San Diego Gas & Electric Co.

Notification of Unusual Event

Alert

San Onofre 2 3

Site Area Emergency

San Clemente, California

General Emergency

Dockets: 50-361,50-362

X Not Applicable

Subject: UNIT 2 FORCED SHUTDOWN REQUIRED BY TECHNICAL SPECIFICATIONS

On June 29, 1997, at 3:48 p.m. (PDT) Unit 2 entered Mode 3 and at 11:17 p.m. (PDT) entered Mode 4 in preparation for draining to midloop. Unit 2 had been at full power, and initiated the shutdown in accordance with Technical Specifications. Licensee personnel had determined that the two charging lines to the reactor coolant system did not have balanced flow. Valve 2MU021, a charging system injection check valve to cold leg loop 1A, was found to be partially stuck closed, forcing most of the charging flow through the other injection path to cold leg loop 2A. This was contrary to the assumptions associated with Charging flow for the small break loss of coolant accident analysis.

The licensee plans to enter midloop operations on Unit 2 when decay heat permits, to either repair or replace valve 2MU021. Plant restart has not yet been scheduled.

Unit 3, which was shutdown for the Cycle 9 refueling outage, also had the same cold leg 1A injection check valve partially stuck closed. On June 28, 1997, Unit 3 was placed in midloop, and on June 29, 1997, Unit 3 valve 3MU021 was cut out. The licensee is considering replacing valve 3MU021 with a valve of a different design.

The licensee is evaluating the other applications for this valve in the plant to determine whether any additional corrective actions are required for the valves in other locations.

The state of California has been informed.

Region IV received notification of this occurrence by telephone from the SRI on June 29, 1997. Region IV has informed OEDO, NRR and PAO.

This information has been discussed with the licensee and is current as of 8:30 a.m. (PDT) on June 30, 1997.

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