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

FACILITY: Southern California Edison Co.
 San Onofre Nuclear Generating Station
 Unit 2
 San Clemente, CA
 Docket No. 50-361

Licensee Emergency Classification
 Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

SUBJECT: STEAM GENERATOR TUBE LEAK

The licensee is monitoring a small tube leak in the E-088 steam generator. Measurements this week have indicated the leakage rate to be as follows:

- June 4 - 23 gallons per day
- June 5 - 44 gallons per day
- June 6 - 70 gallons per day
- June 7 - 60 gallons per day

Leak rate measurements are determined by analysis of fission product activity in the steam generator secondary side. Measurements can vary because of variations in plant parameters, particularly steam generator blowdown rate. The Technical Specifications limit is 1 gallon per minute, or 1440 gallons per day.

The licensee has completed preparations for repairing the tube leak. When implemented, the repair will involve an estimated three weeks in cold shutdown. Industry experience indicates that leaks of less than 100 gallons per day are difficult to locate. The licensee is monitoring the leakage rate to determine an appropriate time to shutdown for repair. The resident inspectors are following the licensee's monitoring activities.

The licensee has effected operator refresher discussions and study on the procedures for dealing with steam generator tube rupture in order to enhance the operators abilities in dealing with a tube rupture, should this occur.

A supplement to this PN will be issued when further significant developments (e.g., plant shutdown) occur. This information is current as of noon PDT 6/7/84.

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