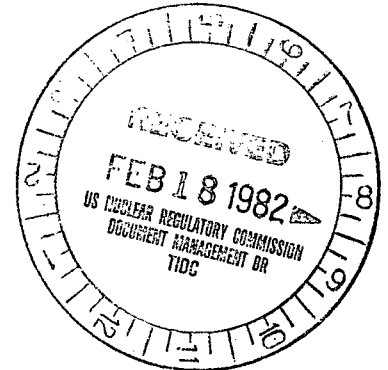


February 10, 1982

Docket No. 50-206  
LS05-82- 02-056



Mr. R. Dietch, Vice President  
Nuclear Engineering and Operations  
Southern California Edison Company  
2244 Walnut Grove Avenue  
Post Office Box 800  
Rosemead, California 91770

Dear Mr. Dietch:

SUBJECT: SAN ONOFRE 1 - SEP TOPIC XV-7, LOCKED REACTOR COOLANT  
PUMP ANALYSIS - REQUEST FOR ADDITIONAL INFORMATION

We have reviewed the topic assessment on the above topic that you submitted on July 1, 1981, and we find that additional information is needed to complete our safety evaluation.

Please provide the requested information within 30 days of receipt of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

Dennis M. Crutchfield, Chief  
Operating Reactors Branch No. 5  
Division of Licensing

SEO  
//  
DSU USE(08)  
ADD: G. Staley  
E. McKenna

Enclosure:  
Request for Additional  
Information

cc w/enclosure:  
See next page

8202180337 820210  
PDR ADDCK 05000206  
P PDR

OFFICE	SEPB:DL	SEPB:DL	SEPB:DL	ORP:PM	ORP:PM	AD SA:DL
SURNAME	EMcKenna	SR	WRussell	WPaulson	DCrutchfield	d Glaihas
DATE	2/5/82	2/5/82	2/4/82	2/8/82	2/8/82	2/10/82

Mr. R. Dietch

cc

Charles R. Kocher, Assistant  
General Counsel  
James Beoletto, Esquire  
Southern California Edison Company  
Post Office Box 800  
Rosemead, California 91770

David R. Pigott  
Orrick, Herrington & Sutcliffe  
600 Montgomery Street  
San Francisco, California 94111

Harry B. Stoehr  
San Diego Gas & Electric Company  
P. O. Box 1831  
San Diego, California 92112

Resident Inspector/San Onofre NPS  
c/o U. S. NRC  
P. O. Box 4329  
San Clemente, California 92672

Mission Viejo Branch Library  
24851 Chrisanta Drive  
Mission Viejo, California 92676

Mayor  
City of San Clemente  
San Clemente, California 92672

Chairman  
Board of Supervisors  
County of San Diego  
San Diego, California 92101

California Department of Health  
ATTN: Chief, Environmental  
Radiation Control Unit  
Radiological Health Section  
714 P Street, Room 498  
Sacramento, California 95814

U. S. Environmental Protection Agency  
Region IX Office  
ATTN: Regional Radiation Representative  
215 Fremont Street  
San Francisco, California 94111

ENCLOSURE

SAN ONOFRE SEP TOPIC XV-7

REQUEST FOR ADDITIONAL INFORMATION

An analysis comparing the RCP rotor seizure accident with the RCP shaft break is requested to identify the limiting case with respect to maximum RCS pressure and limiting fuel performance. The analyses of these events presented in your topic assessment which utilized a comparison to the Surry Nuclear Plant's analyses are not sufficient to determine if the DNBR limits are met. Your analysis should assume a loss of off-site power as a result of turbine trip, the Technical Specification limit of steam generator tube leakage and a single active failure in safety systems. Appropriate delay time for loss of offsite power may be assumed if suitably justified. The evaluation should include tabulations of the sequence of events, disposition of normally operating systems, utilization of safety systems and transient curves including RCS pressure and DNBR and reactor coolant flow for the limiting accident. Confirm that the results of the analysis meet the acceptance criteria for these events per SRP 15.3.3. Assume any fuel rod which has a DNBR less than the minimum allowable value for San Onofre fails. State the amount of failed fuel in the results of the analysis.