



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

September 24, 1990

Docket files

Docket Nos. 50-361
and 50-362

see Rn

Mr. Harold B. Ray
Senior Vice President
Southern California Edison Co.
Irvine Operations Center
23 Parker Street
Irvine, California 92718

Mr. Gary D. Cotton
Senior Vice President
Engineering and Operations
San Diego Gas & Electric Co.
101 Ash Street
San Diego, California 92112

Gentlemen:

SUBJECT: SAFETY EVALUATION REPORT OF THE INSERVICE TESTING (IST) PROGRAM FOR
PUMPS AND VALVES, SAN ONOFRE NUCLEAR GENERATING STATION, UNIT NOS. 2
AND 3 (TAC NOS. 55120 AND 55121)

The enclosed Safety Evaluation Report (SER) was prepared by the staff to provide the results of the review of the San Onofre Nuclear Generating Station, Unit Nos. 2 and 3, Inservice Testing Program for pumps and valves.

The Code of Federal Regulations, paragraph 10 CFR 50.55a(g), requires certain Class 1, 2, and 3 pumps and valves in water-cooled nuclear reactor facilities to meet the inservice testing requirements stated in the ASME Boiler and Pressure Vessel Code, Section XI; specifically, Subsection IWP, Inservice Testing of Pumps in Nuclear Power Plants, and Subsection IWV, Inservice Testing of Valves in Nuclear Power Plants. Each facility is required to establish a program for the inservice testing of pumps and valves which is updated every ten years to meet the requirements in the latest approved edition and addenda to Section XI of the ASME Code. The program is submitted to the NRC for review and approval of the relief requests. The review entails verifying that the program is based on the applicable Code edition and addenda, verifying that the program covers testing of all appropriate pumps and valves, and verifying the acceptability of the requests for relief from the requirements of Subsections IWP and IWV.

The IST program addressed in this report covers the first ten-year interval for both Units 2 and 3 from August 18, 1983, to August 18, 1993. The licensee's program through Revision 14 for Unit 2 and Revision 9 for Unit 3, submitted in a letter dated May 18, 1990, was reviewed for this report.

The staff, with technical assistance from EG&G Idaho, Inc. (EG&G), has reviewed and evaluated the IST program and requests for relief submitted for San Onofre Nuclear Generating Station, Unit Nos. 2 and 3. The staff adopts the evaluations and conclusions contained in the Technical Evaluation Report (TER) prepared by EG&G. The enclosed SER incorporates the TER, also enclosed, and its findings. We granted relief from the testing requirements which we have determined would be impractical to perform, where compliance would result in a hardship without a compensating increase in safety, and where the proposed alternative testing provides an acceptable level of quality and safety.

9010150224 900924
PDR ADDCK 05000361
PDC

ALA 3

101

September 24, 1990

Certain relief requests have been denied or partially denied where proposed alternative testing is unacceptable or where an adequate basis for the relief request has not been provided. With the exception noted above, we have determined that the IST program relief requests are acceptable for implementation provided the omissions and inconsistencies identified in Appendix C of the TER are addressed within the timeframe specified in the SER.

You are required to comply with the IST program defined in the above referenced letter where relief has been granted in the enclosed SER. Program changes, such as, additional relief requests or changes to relief requests, should be submitted for staff review but should not be implemented prior to review and approval by the NRC. New or revised relief requests meeting the positions in Generic Letter 89-04, Enclosure 1, should be submitted to the NRC staff, but can be implemented provided the guidance in Generic Letter 89-04, Section D, is followed. Program changes that involve additions or deletions of components from the IST program should be provided to the NRC.

This submittal completes the technical review performed under TAC Nos. 55120 and 55121.

Sincerely,

Original Signed By:

Lawrence E. Kokajko, Project Manager
Project Directorate V
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosures:
As stated

cc w/enclosures:
See next page

Distribution:

Docket File	NRC & Local PDRs	PD5 Reading	DCrutchfield	BBoger
DFoster	LKokajko	OGC	EJordan	ESullivan
ACRS (10)	PD5 plant file	RZimmerman, RV	AKeller	CCaldwell
AHon	SRichards	PJohnson		

OFC	:DRSP:PD5:LA	:DRSP:PD5:PM	:DRSP:PD5:(A)D	:	:
NAME	:DFoster <i>[Signature]</i>	:LKokajko:pm	:JDyer <i>[Signature]</i>	:	:
DATE	:9/18/90	:9/17/90	:9/24/90	:	:

OFFICIAL RECORD COPY

Document Name: SONGS 2/3 SE

Messrs. Ray and Cotton
Southern California Edison Company

cc:

Charles R. Kocher, Esq.
James A. Beoletto, Esq.
Southern California Edison Company
Irvine Operations Center
23 Parker
Irvine, California 92718

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

Alan R. Watts, Esq.
Rourke & Woodruff
701 S. Parker St. No. 7000
Orange, California 92668-4702

Mr. Sherwin Harris
Resource Project Manager
Public Utilities Department
City of Riverside
3900 Main Street
Riverside, California 92522

Mr. Charles B. Brinkman
Combustion Engineering, Inc.
12300 Twinbrook Parkway, Suite 330
Rockville, Maryland 20852

Mr. Phil Johnson
U.S. Nuclear Regulatory Commission
Region V
1450 Maria Lane, Suite 210
Walnut Creek, California 94596

Mr. Don Womeldorf
Chief, Environmental Management Branch
California Department of Health
714 P Street, Room 616
Sacramento, California 95814

San Onofre Nuclear Generating
Station, Unit Nos. 2 and 3

Mr. Richard J. Kosiba, Project Manager
Bechtel Power Corporation
12440 E. Imperial Highway
Norwalk, California 90650

Mr. Robert G. Lacy
Manager, Nuclear Department
San Diego Gas & Electric Company
P. O. Box 1831
San Diego, California 92112

Mr. John Hickman
Senior Health Physicist
Environmental Radioactive Mgmt. Unit
Environmental Management Branch
State Department of Health Services
714 P Street, Room 616
Sacramento, California 95814

Resident Inspector, San Onofre NPS
c/o U.S. Nuclear Regulatory Commission
Post Office Box 4329
San Clemente, California 92672

Mayor
City of San Clemente
San Clemente, California 92672

Regional Administrator, Region V
U.S. Nuclear Regulatory Commission
1450 Maria Lane, Suite 210
Walnut Creek, California 94596

Chairman, Board of Supervisors
San Diego County
1600 Pacific Highway, Room 335
San Diego, California 92101