

Central File

Docket No.: 50-206
LS05 85-08-002

August 5, 1985

DISTRIBUTION

Central File

- E. McKenna
- C. Grimes
- T. Cheng
- J. Zwolinski
- R. Dudley

Mr. Kenneth P. Baskin, Vice President
 Nuclear Engineering
 Safety and Licensing Department
 Southern California Edison Company
 2244 Walnut Grove Avenue
 Post Office Box 800
 Rosemead, California 91770

Dear Mr. Baskin:

SUBJECT: LTS SMALL BORE PIPING AND TUBING CRITERIA - SAN ONOFRE
 NUCLEAR GENERATING STATION, UNIT 1

By letter dated April 30, 1985, you submitted a report describing the proposed small bore piping and tubing criteria for long-term service and supporting analyses.

Based on the staff's review of your submittal, we find that the items described in the enclosure to this letter require further clarification. We request that you be prepared to address these items during the staff audit review to be conducted the week of August 12-16, 1985.

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,

Or final signed by:

John A. Zwolinski, Chief
 Operating Reactors Branch #5
 Division of Licensing

Enclosure:
 As stated

cc w/enclosure:
 See next page

SEPB:DL *mm*
 EMcKenna:mn
 7/29/85

SEPB:DL *MC*
 TCheng
 7/29/85

SEPB:DL *CG*
 CGrimes
 7/29/85

ORB#5:DL *RD*
 RDudley
 8/2/85

ORB#5:DL *Z*
 JZwolinski
 8/2/85

8508090517 850805
 CF ADOCK 05000206
 CF

Mr. Kenneth P. Baskin

cc

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

Joseph O. Ward, Chief
Radiological Health Branch
State Department of Health
Services
714 P Street, Office Bldg. 8
Sacramento, California 95814

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

Dr. Lou Bernath
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

Mayor
City of San Clemente
San Clemente, California 92672

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

Director
Energy Facilities Siting Division
Energy Resources Conservation &
Development Commission
1516 - 9th Street
Sacramento, California 95814

U.S. Environmental Protection Agency
Region IX Office
ATTN: Regional Radiation Representative
215 Fremont Street
San Francisco, California 94105

John B. Martin, Regional Administrator
Nuclear Regulatory Commission, Region V
1450 Maria Lane
Walnut Creek, California 94596

COMMENTS CONCERNING SONGS 1 LTS SMALL BORE PIPING AND TUBING CRITERIA

A review of the SONGS 1 LTS Small Bore Piping and Tubing Criteria (Impell Report No. 01-0310-1385, Rev. 0, 4/85) has been performed. The criteria were found generally acceptable, except for the four items listed below:

1. The allowable stress of $2 S_y$ proposed for the small bore criteria (Section 3.2) has been found unacceptable for the large bore piping. Acceptance criteria for small bore piping and tubing should be consistent with those used for the large bore piping.
2. The rules for out-of-plane support of valve operator (Section 7.2 and 7.3 of the Appendix) include two parameters (C_1 and C_2) which have not yet been defined. These parameters should be defined.
3. The rules for calculating seismic support loads (Section 10.0 of Appendix A) appear to involve an equivalent static calculation with an amplification/carryover factor of 1.2. This value appears small and needs justification.
4. A correction factor 0.75 is used in defining acceptable span lengths for spans including elbows, tees or valves. The basis for this factor should be provided.