

March 13, 1990

Docket No. 50-206

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

Dear Mr. Ray:

SUBJECT: 10 CFR 50 APPENDIX G, FRACTURE TOUGHNESS (GL 88-11)
SAN ONOFRE NUCLEAR GENERATING STATION, UNIT NO. 1
(TAC NO. 71545)

In a letter dated January 3, 1990, you provided clarification regarding the bases for San Onofre Unit 1 compliance with 10 CFR 50, Appendix G, requirements. We discussed this matter as well as other aspects of your response to Generic Letter 88-11 (letter dated December 16, 1988) with members of your staff in a conference call on February 13, 1990. As a result of our review of your submittals and based on the information discussed with your staff, we have determined that the information requested in the enclosure to this letter is required for us to continue our review. Please provide this additional information, as well as the results of your continuing evaluation of this matter (referred to in your letter dated January 3, 1990) within 90 days of your 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 Pub. L. 96-511.

Please contact us if you should have any questions regarding this request.

Sincerely,

original signed by James E. Tatum
James E. Tatum, Senior Project Manager
Project Directorate V
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

DRSP/PD5
PShea *plus*
3/7/90

EMCB
JTsao
3/9/90

DRSP/PD5
JTatum:dr
3/9/90

DRSP/PD5
CTrammell
3/12/90

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

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Vice President
Southern California Edison Company
Irvine Operations Center
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Please contact us if you should have any questions regarding this request.

Sincerely,

A handwritten signature in cursive script that reads "James E. Tatum".

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

Enclosure:
As stated

cc w/enclosure:
See next page

Mr. Harold B. Ray
Southern California Edison Company

San Onofre Nuclear Generating
Station, Unit No. 1

cc
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San Clemente, California 92672

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California Department of Health
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Sacramento, California 95814

ENCLOSURE

REQUEST FOR ADDITIONAL INFORMATION

RE: RESPONSE TO GENERIC LETTER 88-11

1. As discussed during the conference call, please provide the results of your revised calculations after making appropriate corrections for a transcription error that you identified and for reduced fluence data. Also, provide the basis for your reduced fluence determination.
2. Please state your basis for using the methodology of Regulatory Guide (RG) 1.99, Revision 2, paragraph C.2, in your calculations along with supporting details/analyses (i.e., "same heat" argument).
3. With regard to charpy upper shelf energy, please provide the results of your calculations using:
 - a. The methods of RG 1.99 Rev. 2
 - b. The alternate method that was discussed which credits saturation effects. In this case, also provide supporting details for your conclusions.