



5/18/81

Docket Nos.: 50-361/362

Mr. Robert Dietch  
Vice President  
Southern California Edison Company  
2244 Walnut Grove Avenue  
P. O. Box 800  
Rosemead, California, 91770

Mr. D. W. Gilman  
Vice President - Power Supply  
San Diego Gas & Electric Company  
101 Ash Street  
P. O. Box 1831  
San Diego, California 92112

Dear Gentlemen:

SUBJECT: CLARIFICATION OF STAFF LETTER OF DECEMBER 17, 1980 REGARDING EFFECT OF EARTHQUAKES ON EMERGENCY RESPONSES AT SAN ONOFRE GENERATING STATION.

This letter is to provide clarification of the subject staff request for additional information. The intent of that request is to assure that adequate consideration has been given to the complicating factors which might be caused by earthquakes in the development of the emergency plans for your facility. We believe that planning for that eventuality should be part of your emergency plan in view of the relatively high frequency of severe earthquakes in California. Accordingly, as indicated in our December 17, 1980 letter, you are requested to evaluate the effects earthquakes would have on your emergency response capability and include these considerations in your emergency plan. For purposes of this evaluation, as a planning basis you may assume that the plant site experiences earthquake effects no more severe than the Safe Shutdown Earthquake. While you need not assume that a reactor accident occurs simultaneously with the earthquake event, you should include in your planning basis the consideration that the plant might have been adversely affected by the earthquake (e.g. through failures or degradations in non-seismically qualified systems and components) and may, therefore, be more prone to the potential for an incident that might result in off-site releases of radioactive material.

Specifically the following items should be considered in the evaluation of the effect of earthquakes on your emergency plan:

1. Ability to transport necessary personnel to the plant to cope with degraded modes of plant operation.
2. Communication between the plant and outside agencies.
3. Ability to obtain damage estimates, both to the plant and to transportation/communication facilities off-site. This information should be available to factor into the decision making process, including recommendations to offsite authorities for protective actions after an earthquake.

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Mr. Robert Dietch

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4. Develop a range of recommendations to off site authorities that takes into account various degrees and locations of damage to the plant environs.

Sincerely

Original signed by  
Robert L. Tedesco

Robert L. Tedesco, Assistant Director  
for Licensing  
Division of Licensing

cc: See next page.

Mr. Robert Dietch

3. Ability to obtain damage estimates, both to the plant and to transportation/communication facilities off-site. This information should be available to factor into the decision making process after an earthquake.

~~4. The actions to be taken should be defined, given the conditions of damage to the plant environs by the earthquake, to return to plant to continuous operation and to return the effectiveness of the emergency plans to its pre-earthquake level.~~ *including recommendations to offsite authorities for protective actions*

Sincerely,

Robert L. Tedesco, Assistant Director  
for Licensing  
Division of Licensing

cc: See next page.

*4. The options for recommendations to offsite authorities should be deferred, given the <sup>various degrees</sup> ~~conditions~~ of damage to the plant environs*

*OK as marked  
BJ 5/5/81  
and reviewed  
by telecon 5/12/81  
no legal objection*

OFFICE	DL:EPB	IE:DIR/EP	DL:DIR	DL:AU	DL:EPB
SURNAME	FMiranda/wt	BKGrimes	Purple	RLTedesco	EPB
DATE	4/23/81	5/5/81	5/2/81	5/12/81	4/29/81