

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO: Mr. Phillip Geyelin

FROM: Dennis Allison
U.S. NRC
Washington D.C.

DATE OF DOCUMENT
2-2-77

DATE RECEIVED
2-3-77

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED
2 copies

DESCRIPTION Ltr furnishing comments on the construction and cost of Diablo Canyon and information concerning earthquake safety....

(1 page)

NOTE: Distribution per D. Allison on 2-3-77

ENCLOSURE

DO NOT REMOVE

ACKNOWLEDGED

PLANT NAME: DIABLO CANYON UNITS 1 & 2

SAFETY

FOR ACTION/INFORMATION

ENVIRO

JCM 2-3-77

ASSIGNED AD:		ASSIGNED AD:	
BRANCH CHIEF:		BRANCH CHIEF:	
<input checked="" type="checkbox"/> PROJECT MANAGER:	Allison	PROJECT MANAGER:	
<input checked="" type="checkbox"/> LIC. ASST. :	Hylton	LIC. ASST. :	
<input checked="" type="checkbox"/>	DeYoung (Adv Sent)	<input checked="" type="checkbox"/>	Rusche (Adv Sent)
<input checked="" type="checkbox"/>	Vassallo (Adv Sent)	<input checked="" type="checkbox"/>	Stolz (Adv Sent)

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
<input checked="" type="checkbox"/> NRC PDR	HEINEMAN	TEDESCO	ENVIRO ANALYSIS
<input checked="" type="checkbox"/> I. & E (2)	SCHROEDER	BENAROYA	DENTON & MULLER.
OELD	<input checked="" type="checkbox"/> Stolz (Adv Sent)	LAINAS	
GOSSICK & STAFF	ENGINEERING	IPPOLITO	ENVIRO TECH.
MIPC	MACARRY	KIRKWOOD	ERNST
<input checked="" type="checkbox"/> CASE (Adv. Sent)	KNIGHT		BALLARD
HANAUER	SIHWEIL	OPERATING REACTORS	SPANGLER
HARLESS	PAWLICKI	STELLO	
	<input checked="" type="checkbox"/> J. Fouchard (Adv Sent)		SITE TECH.
PROJECT MANAGEMENT	REACTOR SAFETY	OPERATING TECH.	GAMMILL
<input checked="" type="checkbox"/> BOYD (Adv. Sent)	ROSS	EISENHUT	<input checked="" type="checkbox"/> STEPP (Adv Sent)
P. COLLINS	NOVAK	SHAO	HULMAN
HOUSTON	ROSZTOCZY	BAER	
PETERSON	CHECK	BUTLER	SITE ANALYSIS.
MELTZ	<input checked="" type="checkbox"/> J. Sihweil (Adv Sent)	ERIMES	VOLLMER
HELTEMES	AT & I		BUNCH
SKOVHOLT	SALTZMAN		J. COLLINS.
	RUTBERG		KREGER

EXTERNAL DISTRIBUTION

CONTROL NUMBER

<input checked="" type="checkbox"/> LPDR San Luis Obispo CA	NAT. LAB:	BROOKHAVEN NAT. LAB.
TIC:	REG V. IE	ULRIKSON (ORNL)
NSIC:	LA PDR	
ASLB:	CONSULTANTS:	
ACRS	CYS HOLDING/SENT	

1087

The following information was obtained from the files of the
 Internal Security - Communist Division, New York Office, dated
 10/11/54.

The name of the individual mentioned in the above
 information is [redacted] [redacted] [redacted] [redacted]
 [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]
 [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]

[redacted] [redacted] [redacted] [redacted] [redacted]

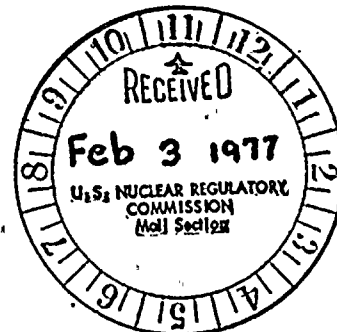
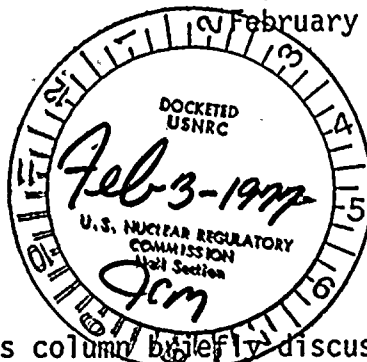
[redacted] [redacted] [redacted] [redacted] [redacted]

Regulatory Docket File

18920 Abbotsford Circle
Germantown, Maryland 20767

February 2, 1977

Mr. Phillip Geyelin
Editor of the Editorial Page
Washington Post
Washington, D. C. 20071



Dear Mr. Geyelin:

On January 27, Jack Anderson's column briefly discussed the Nuclear Regulatory Commission's actions with respect to an earthquake fault that has been discovered near the Diablo Canyon Nuclear Power Plant in California. Since I was quoted in the column, some additional comments to explain what is being done at the NRC might be of interest.

Operation of the plant is being held up, at considerable cost, because the earthquake safety questions are not yet resolved. The first unit at this site was essentially completed early last year. It appears that operation will have been held up about 1 1/2 years before a decision on the operating license can be made.

The plant is located 3 1/2 miles from the Hosgri fault on a foundation of competent rock. There is no reason to be concerned about ground rupture at the plant site due to an earthquake. What we are dealing with here is a question of redesign and modification to withstand more severe ground shaking than was considered in the original design. The NRC staff has called for an analysis to determine what changes may be necessary so that the plant can withstand a magnitude 7.5 earthquake on the Hosgri fault. This is a very severe earthquake design basis.

The plant's owner, Pacific Gas and Electric Company, is performing this engineering analysis. Then the matter must be reviewed in turn by the NRC staff and by the independent Advisory Committee on Reactor Safeguards. In the process, it will have been scrutinized by many competent geologists, seismologists and structural engineers, including independent consultants of national stature. Finally, the matter will be considered by the Atomic Safety and Licensing Board at a public hearing.

It is not known, at this time, what the final decision will be. However, the NRC's regulations require that the plant be designed to withstand the most severe earthquake that could be expected to occur at the site. This must be demonstrated before operation of the plant is permitted.

Sincerely,

Dennis Allison

Dennis Allison
Senior Project Manager
U. S. Nuclear Regulatory Commission

cc: Mr. Richard Sokolow

1087

