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SECOND SECTION

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PG&E says 90-mile fault no danger to Diablo plant

By Bruce Kyse Staff Writer

Pacific Gas & Electric Co. produce. geologists believe a 90-mile-long The committee meeting was the fault could be classified than three times the length of plant.

The offshore geology near Survey). data Canyon and Diablo collected from offshore studies fault as the Santa Maria Basin during the last year were primary concerns of the Atomic Energy Commission's Advisory Committee on Reactor Safeguards at a meeting with quake, power plant opponents

Friday. When asked about the 90-mile fault last week, PG&E officials said only that they assumed the presence of some faults offshore of the plant and designed the plant to withstand the largest credible earthquake in the area. All other questions were referred to the committee transcript.

Hamilton told the committee The meeting with the safety absense of evidence to definitely occurs on the Hosgri line would that new data on the fault in-committee and PG&E was the prove them inactive, the produce a lower ground dicates it has been seismically first for several months and the discovery of a fault several movement than the plant was active several times in the last first one to discuss in length miles offshore provided no real designed to withstand. 100 years.

long fault was officially mapped sued the geology of the offshore several small faults in the area shore faults is completed.

plant will withstand the largest PG&E officials. earthquake the fault can When Philbrick asked Hosgri fault is the longest fault

fault that runs within five miles held just 12 days before a mild either active or inactive by AEC the Edna Fault (the next closest of Diablo Canyon is "capable" earthquake shook the nuclear definitions, Hamilton answered fault) which runs about four of producing an earthquake, but power plant site. The Sept. 24 "no." not one large enough to damage earthquake was centered near the \$700 million nuclear power the 90-mile-long Hosgri fault only be classified as "capable." fault system come as close as (named by the U.S. Geological By AEC dfinitions, capable 21/2 miles from the plant. "The

and 41/2 miles from the plant.

Because of the Sept. 24 earth-

PG&E began construction on floor.) would cause a ground acthe first reactor at Diablo Canyon. Neither PG&E nor the seismologist, told the committee The plant was designed to U.S. Geological Survey, which that "since our basic assume celeration of .2 Gs, PG&E said." is a consultant for the AEC, tion at the beginning was that of .4 Gs. did any offshore research prior all of the faults in the area had Smith said the company PG&E geologist Douglas to the design of the power plant.

the offshore geology at the plant surprise." But a company seismologist site. Members of the committee, Smith added that PG&E continue

in 1969. PG&E still believes the area for several hours with of Diablo Canyon.

Hamilton whether he thought in the area of the plant, more

Hamilton said the fault could Smith said splinters of the PG&E refers to the same ground displacement within the resolution to know what the East Boundary Fault structure, associated with earthquake quake). The effects would be

"strong possibility" of there example." having been movement at some In its final environmental PG&E officials in Washington have called for a delay in points along the system at least impact report for Unit 2, PG&E D.C. on Sept. 12.

The transcript of the Sept. 12 until further information on the last 35,000 years, says the greatest ground action at the power plant and evidence of surface celeration would be caused by until further information on the and evidence of surface celeration would be caused by meeting were released last fault structure can be collected. displacement within the last an aftershock of an earthquake The Hosgri Fault—its 5,000 years. (A fault can cause on the San Andreas Fault, some an earthquake but not 45 miles from the plant. If the characteristics and length—had necessarily cause a aftershock were centered not yet been mapped when displacement in the ocean directly below the plant, it

that "since our basic assump- withstand a ground acceleration

However, the 90-mile-long miles from Diablo Canyon.

means that the fault has shown data is such that there isn't any last 35,000 years or can be affects would be (of an earthand has placed it between 2½ epicenters in very recent years. significantly different if it's 2½ Hamilton said there is a miles rather than 3½ miles, for

Stewart Smith, PG&E celeration of .2 Gs, PG&E said.

to be presumed capable, in the believes the type of faulting that

The safety committee will said the plant was designed to particularly Dr. Shailer assumed the offshore geology geology near Diablo Canyon at withstand the greatest credible Philbrick, a geologist retired would be similar to the geology a meeting later this fall when earthquake before the 90-mile- from Cornell University, pur- onshore, where there are more information on the off-