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 50-323 Diablo Canyon Nuclear Power Plant, Unit 2, Pacific Ga 05000323
 AUTH.NAME AUTHOR AFFILIATION
 GROVE,P.A. Pacific Gas & Electric Co.
 RECIP.NAME RECIPIENT AFFILIATION
 STOLZ,J.F. Systems Interaction Branch

SUBJECT: Forwards "Description of Sys Interaction Program for Seismically-Induced Events," as suppl to 800507 rept.

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	16 ANALYSIS BR	1 1	17 CORE PERF BR	1 1
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	20 I & C SYS BR	1 1	21 POWER SYS BR	1 1
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Mr. John F. Stolz, Chief
Systems Interaction Branch
Division of Systems Integration
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Re: Docket No. 50-275
Docket No. 50-323
Diablo Canyon Units 1 & 2

Dear Mr. Stolz:

The purpose of this report is to supplement the report of May 7, 1980 and further describe the Systems Interaction Program for Diablo Canyon Units 1 and 2 as it has developed in response to comments originally expressed by members of the Advisory Committee on Reactor Safeguards.

The objective of the Systems Interaction Program is to identify and eliminate any potential, undesirable, seismically-induced interactions between non-safety-related plant features and those structures, systems and components important to safety. For those systems inside the containment, the Systems Interaction Program, including any necessary modifications to the plant, will be completed prior to fuel loading. For other systems, the program will be completed prior to full power operation.

As noted in the Program Description, independent audits of the program are being made to verify program adequacy and proper implementation.

The status of the overall program, including modifications, will be documented prior to full power operation.

Kindly acknowledge receipt of this material on the enclosed copy of this letter and return it to me in the enclosed addressed envelope.

Very truly yours,

8006020162 A

Enclosures
CC w/enc.: Service List

Philip A. Brown

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the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

Figure 1 is a line graph showing the percentage of total sample for each age group across different years. The y-axis represents the percentage of total sample, ranging from 0 to 100. The x-axis represents the years, from 1970 to 2020. The age groups are: 0-14, 15-24, 25-34, 35-44, 45-54, 55-64, and 65+. The 0-14 age group shows a steady decline from approximately 25% in 1970 to 10% in 2020. The 15-24 age group shows a slight increase from approximately 15% in 1970 to 20% in 2020. The 25-34 age group shows a slight increase from approximately 15% in 1970 to 20% in 2020. The 35-44 age group shows a slight increase from approximately 15% in 1970 to 20% in 2020. The 45-54 age group shows a slight increase from approximately 15% in 1970 to 20% in 2020. The 55-64 age group shows a slight increase from approximately 15% in 1970 to 20% in 2020. The 65+ age group shows a slight increase from approximately 15% in 1970 to 20% in 2020.

[illegible]

1. *Chlorophyll a* and *Chlorophyll b* were determined using a spectrophotometer (Shimadzu UV-1601) at 663 nm and 646 nm, respectively. The concentrations were calculated using the following equations: $Chl\ a\ (mg\ L^{-1}) = 12.7 \times OD_{663}$ and $Chl\ b\ (mg\ L^{-1}) = 22.9 \times OD_{646}$.

[illegible][illegible][illegible]

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