

File

April 8, 1963

John F. Newell, Chief, Site-Environmental  
Branch, Division of Licensing & Regulation

50-205

TELEPHONE CONVERSATION WITH MR. STRINGER CONCERNING  
BODEGA BAY PROJECT

Reference: Memorandum to the files this subject, dated April 5,  
1963

At 10:45 this morning I called Mr. Stringer of the Fish and  
Wildlife Service concerning the Bodega Bay Project and obtained  
the following information:

1. Mr. Stringer received preliminary comments from Dr. Rice  
by telephone this morning, and relayed them to me. My  
interpretation of Mr. Stringer's remarks concerning  
Dr. Rice's comments are:
  - (a) Dr. Rice did not feel that the PG&E statement that  
the concentration of radioactivity in the liquid effluent  
would be within Part 20 requirements was an adequate  
basis "for reaching a very firm conclusion" concerning  
the marine aspects of the proposed plant.  
  
The PG&E Hazards Summary Report did not indicate  
the amounts of the specific nuclides that would  
be released to the ocean from the plant, and  
Dr. Rice felt this was an important consideration  
because of the differences in uptake and recon-  
centration by various marine organisms of the  
various nuclides.  
  
(I presume this comment is based on the potentiality  
of releasing routinely a large number of curies  
of all nuclides over a long period of time in the  
250,000 gpm condenser cooling water, although Mr.  
Stringer did not know if this was what Dr. Rice  
had in mind).
  - (b) Dr. Rice apparently believes that the ocean water  
used for condenser cooling will be subject to neutron  
exposure and thus become activated. This apparent  
misconception might account for some of his "lack of  
firm conclusions" expressed in (a) above.

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- (c) Dr. Rice has some questions concerning the details of the two year study for gathering background data that PCLE has proposed.
  - (d) Dr. Rice's preliminary comments represent his preliminary technical appraisal, but do not represent Department of Interior policy.
2. Firm arrangements were made to meet with Dr. Rice at 2:00 PM on Wednesday April 10 at 1717 H Street to discuss his comments on the project, and for his attendance at the ACRS meeting.

According to the above comments as expressed by Mr. Stringer it appears that Dr. Rice may not be completely informed concerning the character of the radioactive liquid effluents that this type of reactor plant would normally produce, nor of the requirements of the AEC for control over the release of these effluents.

cc: R. Lowenstein  
E. G. Case  
R. H. Bryan  
T. Conner, OGC