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Robert Lowenstein, Director  
Division of Licensing & Regulation

PG&E - BODEGA HEAD REACTOR

On Wednesday afternoon, May 29, Al Clebsch met in my office with Messrs. Bryan, Hadlock, Newell and Case. Mr. Clebsch furnished a summary as to where the geological work stood on the Bodega Head site. In addition to that discussion, there was some discussion of time table. Mr. Clebsch stated that he and the other Geological Survey members working on the matter regretted very much the statement in the Secretary's letter saying that a report could be furnished to the AEC in two weeks. Mr. Clebsch said this is impossible; that he would hope that the Geological Survey working group (composed, as I understand it, of himself and two people in the GS California office at Menlo Park) could furnish their report by approximately June 17 and that it would undoubtedly be some time after that before the AEC would receive it since the report would be subject to review by the Head of the Geological Survey, and the Secretary's office is interested in the matter.

We reminded Mr. Clebsch that we had scheduled a meeting with him and our consultants for June 12 which we hope we would be able to keep. I said that we hope perhaps we might have a preliminary report if it is impossible for us to receive a final report by that time. Mr. Clebsch said that he and the other two people would make every effort to have something to us in time for the June 12 meeting and he would hope (if AEC furnishes travel funds) that the two California people might also be able to attend the June 12 meeting with the two consultants.

I told Mr. Clebsch that we of the AEC were obviously not in a position to determine the time when we will get the report in question, but that in view of the time mentioned in the Secretary's letter we hope it will be as soon as possible.

Mr. Clebsch said there was also a question as to whether work should be done to determine more precisely the Western parameter of the San Andreas fault. He said that PG&E has very conservatively placed the Western edge of the fault at the point indicated in the

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PG&E application. Mr. Clebsch said that he did not believe that the western edge could be more than 100' west of the edge as indicated by PG&E but that such a possibility could not be excluded on the basis of presently available information. He said that Geological Survey equipment to do this work is not presently available in California; that it might take two weeks to get it there and another two or so weeks to do the work and prepare a report. If the equipment cannot be spared from its present use Geological Survey might enter into a contract (of about \$3,000) to do the work. He inquired whether from the AEC's point of view this work should be done.

We discussed the question of whether this possible difference of 100' might be significant, but, although it may not be significant, no firm conclusion could be reached at this stage.

I asked Mr. Clebsch whether the Geological Survey considered this determination (as to the west edge of the fault) to be a part of the investigation referred to in Secretary Udall's letter and he answered affirmatively. I said that if that was the case the correspondence between Secretary Udall and the Commission would seem to dispose of the question. I indicated also that, in any event, the availability of the information might be helpful.

I suggested to Mr. Clebsch that from the AEC's point of view we would prefer that any investigation concerning the Western edge of the San Andreas fault not delay preparation of the report concerning the reactor site on Bodega Head.

During the course of our conversation Mr. Clebsch indicated that it did not look as if the report we would get concerning the geology of Bodega Head, on or some time after June 17, would be a completely detailed report; he indicated that the report would be limited by time and the availability of manpower to meet the date indicated.

cc: H. L. Price

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UNITED STATES GOVERNMENT

# Memorandum

TO : Files

DATE: JUN 5 1954

FROM : Robert Lowenstein, Director   
Division of Licensing & Regulation

SUBJECT: PG&E - BODEGA HEAD REACTOR

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We reminded Mr. Clebsch that we had scheduled a meeting with him and our consultants for June 12 which we hope we would be able to keep. I said that we hope perhaps we might have a preliminary report if it is impossible for us to receive a final report by that time. Mr. Clebsch said that he and the other two people would make every effort to have something to us in time for the June 12 meeting and he would hope (if AEC furnishes travel funds) that the two California people might also be able to attend the June 12 meeting with the two consultants.

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Mr. Clebsch said there was also a question as to whether work should be done to determine more precisely the Western perimeter of the San Andreas fault. He said that PG&E has very conservatively placed the Western edge of the fault at the point indicated in the

PG&E application. Mr. Clebsch said that he did not believe that the Western edge could be more than 100' west of the edge as indicated by PG&E but that such a possibility could not be excluded on the basis of presently available information. He said that Geological Survey equipment to do this work is not presently available in California; that it might take two weeks to get it there and another two or so weeks to do the work and prepare a report. If the equipment cannot be spared from its present use Geological Survey might enter into a contract (of about \$3,000) to do the work. He inquired whether from the AEC's point of view this work should be done.

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cc: H. L. Price