

MAR 15 1978

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Docket Nos. 50-275  
 and 50-323

**MEMORANDUM FOR:** John F. Stolz, Chief, Light Water Reactors Branch No. 1, DPM  
**FROM:** D. P. Allison, Project Manager, Light Water Reactors Branch No. 1, DPM  
**SUBJECT:** RECORD OF PG&E CONTACTS WITH NRC STAFF - DIABLO CANYON NUCLEAR POWER PLANT

As indicated in my memorandum of January 27, 1978, PG&E is currently stationing a licensing engineer in the Washington area much of the time. He is contacting the NRC staff frequently in order to speed the exchange of information between PG&E and the NRC staff. PG&E is keeping a record of these contacts and providing them to us. PG&E's log for contacts from January 6, 1978 through March 2, 1978 is provided in Enclosure 1. I have reviewed it and believe it is an accurate summary of PG&E's contacts with the staff.

As indicated in the previous memorandum, the log mentions several draft submittals provided by PG&E for our review. As we have done in the past, we will document these items in the Public Document Rooms with memoranda except where the same information is formally submitted soon after the informal draft material was provided.

Original Signed By  
Dennis P. Allison.

D. P. Allison, Project Manager  
 Light Water Reactors Branch No. 1  
 Division of Project Management

Enclosures:  
 As stated

cc: See page 2

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OFFICE >	LWR 1					
SURNAME >	DAllison/red					
DATE >	3/ /78					

MAR 19 1954

RECEIVED  
MAR 19 1954  
U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C.

TO: DIRECTOR, BUREAU OF PLANT INDUSTRY  
FROM: [Illegible]

[Illegible text]

[Illegible text]

Very truly yours,  
[Illegible Signature]

[Illegible text]

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MAR 15 1978

- 2 -

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Friday 1/6/78

Met with MEB and SEB reviewers to continue discussions with Westinghouse on the ~~results~~ results of the Multiflex analysis which has now been completed but not formally submitted. The discussion was primarily concerned with verification that NRC requirements will be addressed in the final report. In addition we held a discussion on the differences in the reactor internals models used by Westinghouse for their seismic and LOCA analyses.

R. J. Gormley



Monday 1/9/78

Attended meeting with Structural Engineering Branch. In attendance were the following

PG&E

J. B. Hoch

R. V. Bettriger

V. J. Ghio

Lincoln Malin (CURS/JA.Blume)

Dave Lang (CURS/JA.Blume)

NRC Regulatory Staff

D. Allison (AM only)

P. H. Huo

R. Lipinsky

D. Jeng (Part time)

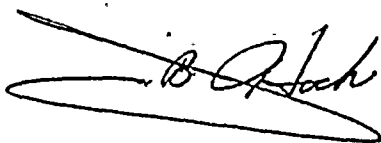
Discussed plans and procedures for SEB audit in San Francisco 1/16 to 1/20 and for site visit on 1/14 by Knight, Jeng, Lipinsky and possibly a representative from NRC Region V.

Discussed PG&E's responses to SEB questions on Hosgr Evaluation Report. SEB reviewers asked for clarification, amplification, and for submittal of additional information related to a number of the SEB questions. It was agreed that PG&E would amend its previous responses to address these requests as soon as possible.





Since Dennis Allison did not attend  
the entire meeting, RV Bettinger, V.J. Chio  
and myself met with Allison at the  
end of the day to review and  
summarize the day's discussions.

B. A. Hock



Tuesday, 1/10/78

Dennis Allison was not available to meet with Licensing Coordinator until late afternoon and had not arranged any meetings with reviewers. I sat in with meeting of AIF Ad Hoc Committee on Seismic Design Bases and with meeting between this committee and NRC Regulatory Staff.

~~B. Allen~~

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Wednesday, 1/11/78

I met with Dennis Allison to discuss progress of both PG&E and Regulatory staff work on open licensing items. Obtained copies of NRC "Blue Book" schedule for Diablo Canyon dated 1/6/78. PG&E will provide comments on Blue Book schedule and current PG&E schedule for Allison's use.

During the day, I also talked with Al Garland about Quality Assurance as it applies to both the Hoshri Work and to Fire Protection. I met with Dick VanNeil, who is reviewing the Diablo Canyon Emergency Plan and has some draft questions concerning fire protection as this subject relates to the Emergency Plan. We agreed to try to get Myron Lepke together with Al Garland and Bob Patterson together with Dick VanNeil during the Fire Protection meetings on 1/12 and 1/13. Also requested that Allison arrange for John Sako to talk with reviewer responsible for turbine missile evaluation (Camp) during the Fire Protection meetings.





Thursday, 1/12/78

PG&E met with the Regulatory Staff to discuss draft responses to Fire Protection questions. In attendance were the following:

PG&E  
 J. B. Hoch  
 J. W. Sale  
 S. Trisman  
 R. A. Young  
 M. E. Lyne  
 R. Patterson

NRC  
 V. Benenja  
 D. Fisher } ASB  
 P. Hearn }  
 J. Knox PSB  
 D. Allison (part time)  
 NRC Consultants

R. A. Eman } PG&E Consultants - NUS Corporation  
 E. Wyott }

Don Knuth (PG&E Consultant - AMC Associates)

PG&E's responses to NRC questions were discussed item by item with the staff. We described additional modifications which we have proposed in response to the staff's questions. For many of the questions, we obtained the staff's agreement that our responses are adequate. Other questions will require additional work to resolve all of the staff's concerns.

J. B. Hoch



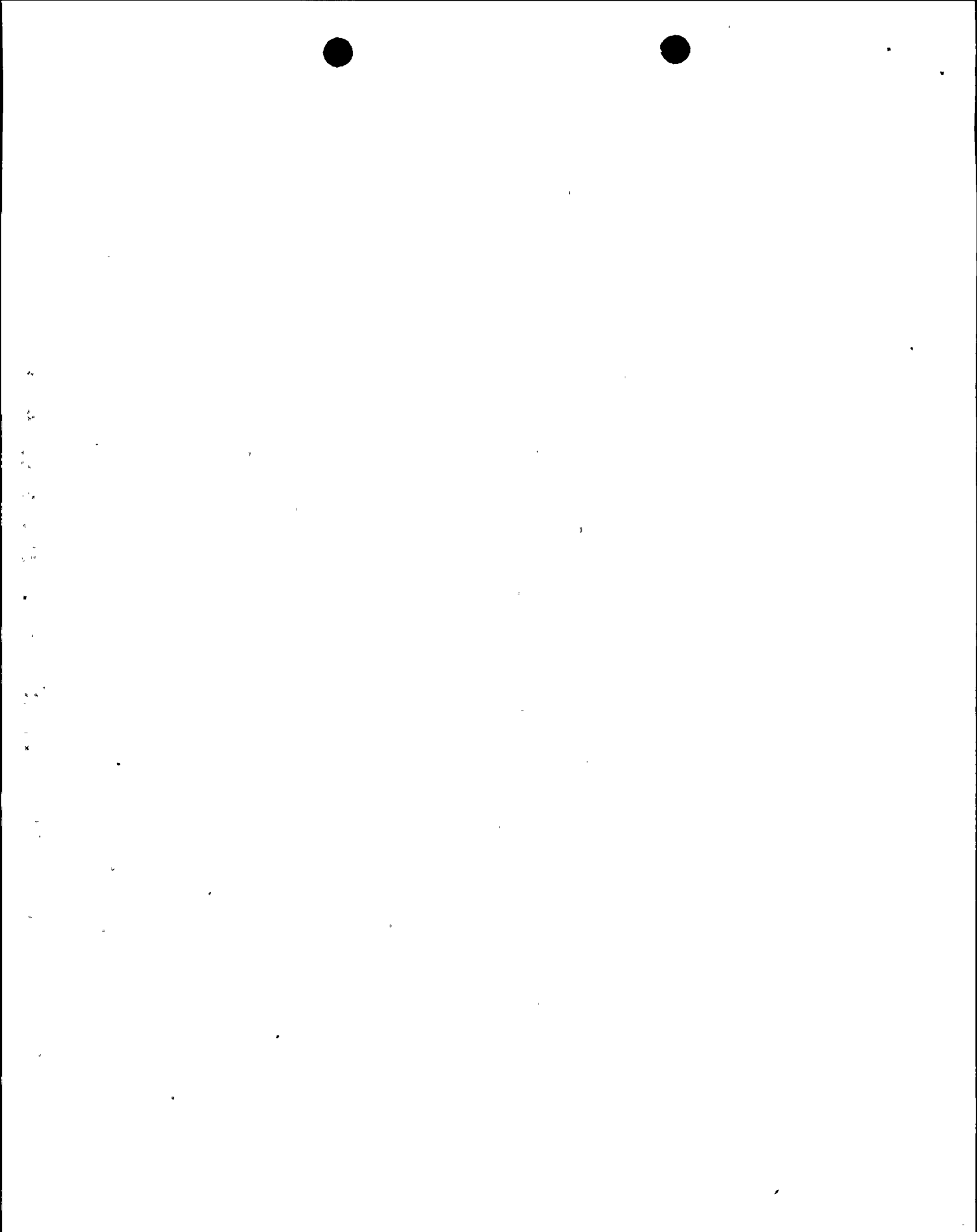


Friday, 1/13/78

Continued meeting with the Regulatory staff on Fire Protection. Completed discussion of PG&E draft responses to all questions formally transmitted to PG&E. During the course of the day, M.E. Leprie met with Al Gavland, NRC's Q.A. reviewer, to discuss the staff's questions related to quality assurance for fire protection. John Sate met with Mr. Campi to discuss the staff's progress in completing its review of Jubine missiles. Dick Van Nest was not available to discuss the Emergency Plan description of fire protection with Bob Patterson.

It was tentatively agreed that PG&E would submit responses to staff fire protection questions by 2/6/78, including commitments made in 1/22 and 1/23 meetings and proposals for modifications for those questions not covered in detail by draft responses. In addition, it was decided that a site visit and final meeting during the week of 2/13/78 would be useful and necessary to complete discussions with the staff on fire protection questions.

B. G. Heck



Monday, Jan 16 Through Friday, Jan 20  
No meetings due to ~~SES~~ audit.  
(N. PATE representative in Bethesda this period)

J. Williamson

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Monday, January 23, 1978

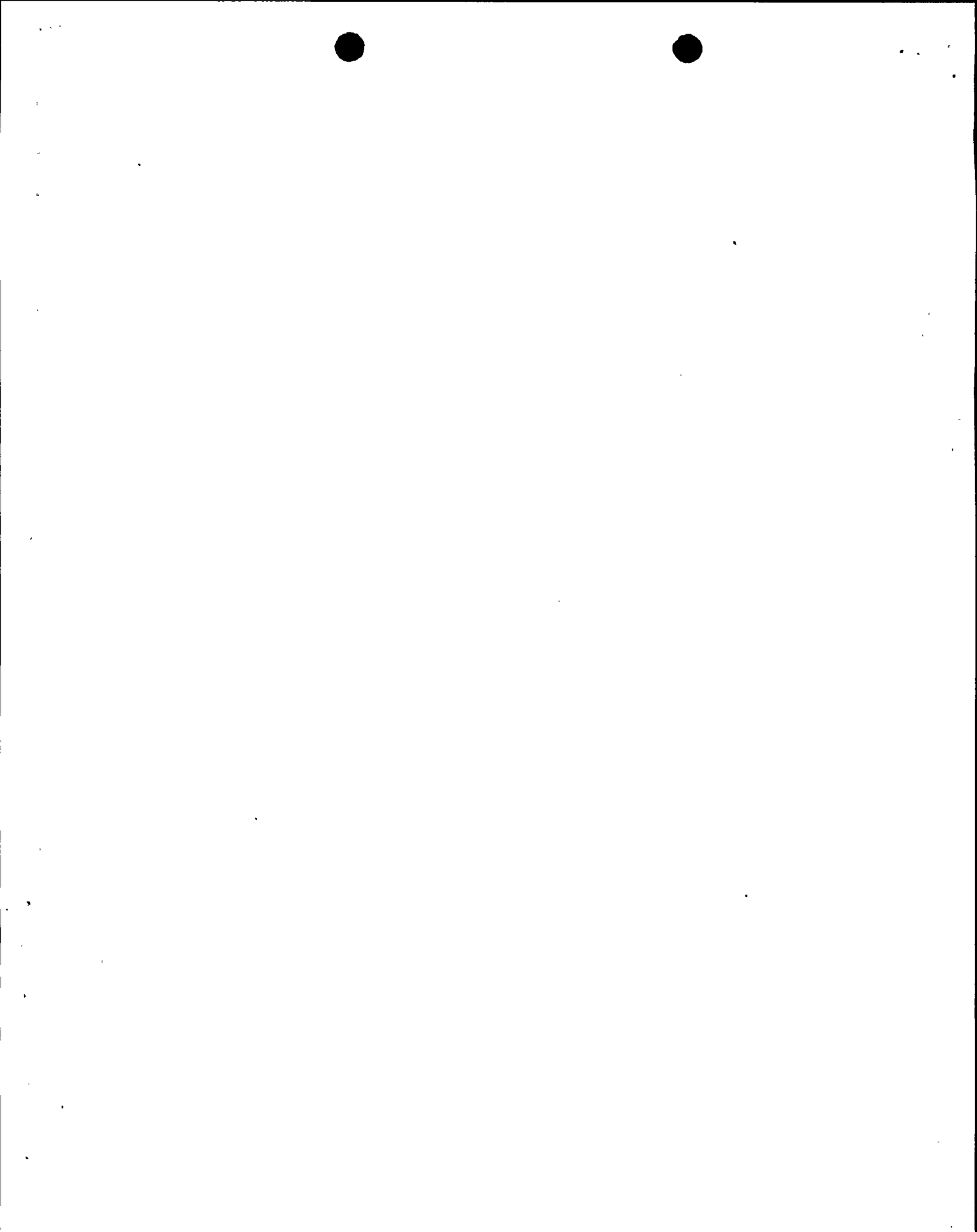
Met with Dennis Allison, in his office.  
Gave him the following which I had brought  
from San Francisco:

- 2 copies of Amendment 57
- 5 copies of Ray Rahn's snubber study.
- 5 copies of grid undervoltage submittal  
which responds to the Staff position.

Dennis mentioned that he very strongly  
feels we should make our future "advance  
copies" actual copies of the submittal  
with Phil Crane's letter. Only early  
drafts should be sent without a  
letter. His reasons for this were  
good and I concurred.

Pike Hearn is to be at the Diablo  
Site on 2-14-78 and 2-15-78 for a  
plant walkdown after we submit  
our answers to the fire questions.

I asked about the position on RCS  
overpressure we were sent by telecopier  
on Friday. He said that this is Sandy  
Loriel's thinking after talking to  
the Division of Operating Reactors. We  
should work on a submittal for  
a final fix for Unit 2 using these  
criteria.



I talked to John Knox about Fan Coolers. He said he needs documentation showing that regardless of the ambient containment temperature (read that "main steam line break") the motor inlet temperature will not exceed what we said:

Normal	57° C	Max.
DBE	75° C	Max.
Post-DBE	58° C	Ave.

Dennis said he needs an explanation of what was changed on Figures 3.2-23 (Skets 1 of 6 and 4 of 6), 9.4-1, and 9.4-4. We should send him drawings with changes circled.

J. Williamson





Tuesday, January 24, 1978

Talked at length with Dennis Allison about his "Blue Book" schedule. He is updating the schedule and I gave him new dates for pending submittals from PG & E.

Passed on to the home office some information on the Staff Position on main steam line breaks and other bits of intelligence.

M. V. Williamson

Note: A number of reviewers are out of town

P-Y Chen - San Francisco

PT Kuo - Taiwan

John Knox - San Francisco

Ted Sullivan - " "

Bob Posniak - " "



Wednesday, January 25, 1978

AM

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Talked to Dennis Allison this morning. He gave me the highlights of a discussion he had with Jim Knight yesterday regarding last week's SEB audit.

I met with Jim Knight to discuss the results of the audit further. Jim volunteered that he would be willing to meet with us to discuss answers to open items from the audit. If logistics dictate, he would even be willing to send a couple of reviewers to San Francisco.

PM

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I talked briefly with Charlie Miller. He said there was little he could discuss with me, since John Knox is handling most of the review. We did discuss the containment equipment qualification table he is waiting for. I said I would keep him informed on progress.

Met again with Dennis Allison to discuss the pending Staff position on main steam line breaks. Also discussed WCAP-9241, the Diablo-specific topical report on combined seismic and asymmetric pressure loads.

Met with Carl Stepp to discuss progress on his part of the SEB. J. V. Williamson



Thursday, January 26, 1978

Was unable to meet with Mr. Allison until mid-afternoon. We discussed the staff positions on Reg Guide 1.97 and the main steam line break.

I was given advance questions on in-service inspection of fire as related to the emergency plan.

J. V. Williamson



Friday, January 27, 1948

Talked separately with Isa Sibweil and Dennis Allison to propose a meeting next week to discuss our schedule for responding to SEB audit questions. Both Allison and Sibweil thought such a meeting would be beneficial. Mr Allison will be in Pittsburgh for the audit on Tuesday, but will return Wednesday. Mr Allison suggested the meeting be held as soon as possible when Sibweil, Lipinski, Jung, Allison, et al can be present.

J. H. Williamson

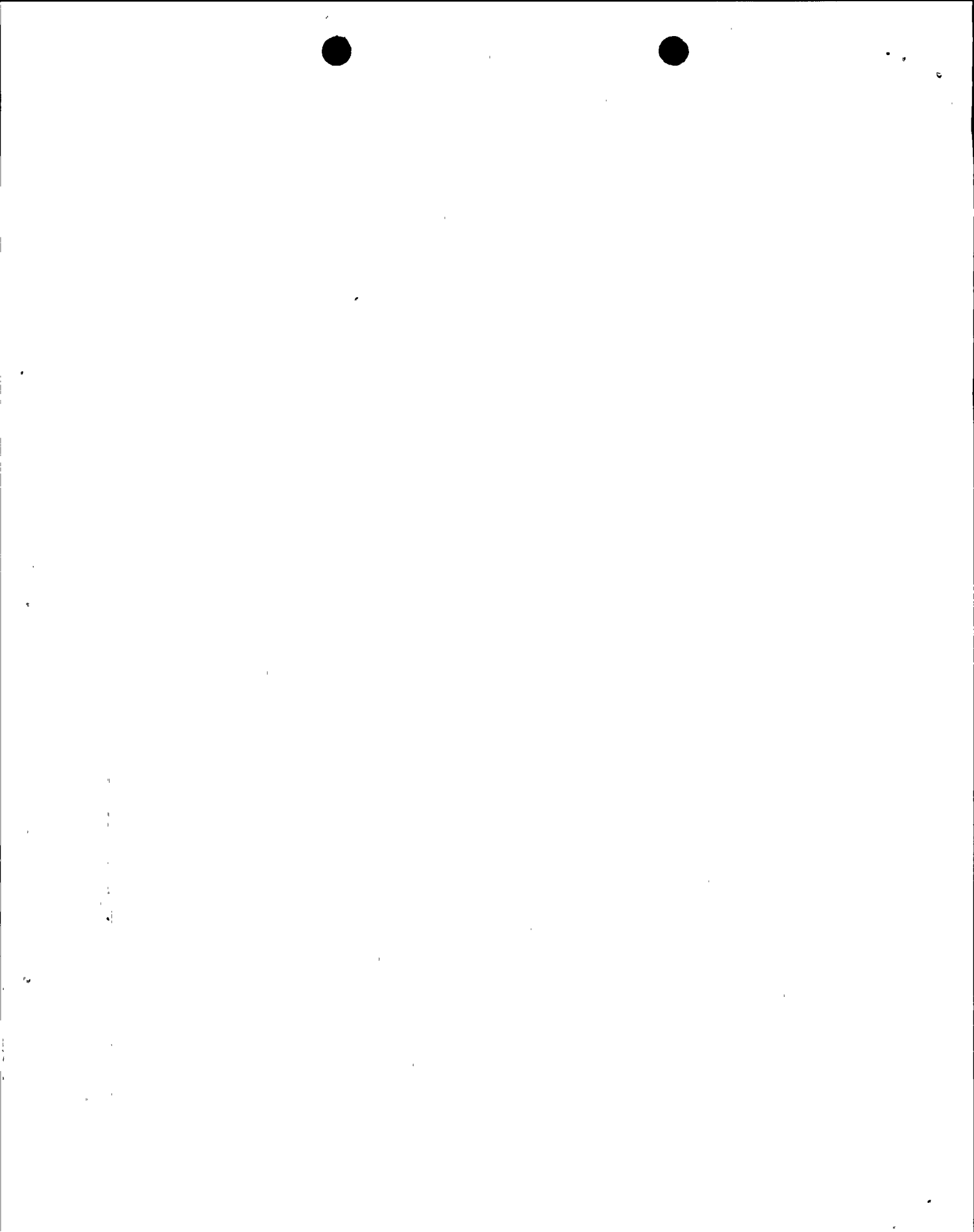




Thursday Feb 9, 1978

P.G.'s E. Civil Engineers  
met with SEB reviewers  
to continue work on open  
items noted during seismic  
review - in S.F. The  
results of this meeting  
will be summarized in  
a set of meeting notes  
to be issued by SEB after  
the Feb 27 meeting on  
this subject.

A. J. Gentry



Friday Feb 10, 1978

Met with the LPM to review his punch list in detail. It was agreed that P.B. & E has submitted all required data on items 4, 5, 6, & 7 and that the staff is on schedule and will meet their dates. Item 10, "completion of Reevaluation on AM St" is also complete. The critical path items for on Apr 1 SER are completion of submit the relative to items 1 & 2 Asymmetric Load Analysis and RCS models and completion on SEB seismic Design Criteria Implementation Meeting action items. Similar good progress is occurring on the "Items for SER Suppl before NCRS". The area here requiring most effort by P.B. & E have to do with electrical qualification, both ROP, item 15 is Working house item 16 items 17, 18 & 24 are now complete. The remainder are on schedule.

A. J. Gormley



Thursday, February 16, 1978

Met with NRC staff for second time on questions from SEB Design Criteria Review Meetings. Present were:

<u>PG&amp;E</u>	<u>NRC</u>	<u>NRC Consultants</u>
RVBettinger	DP Allison	D Rose
VJ Gino	I. Sihwiel	R Haarman
JAM Laughlin	PT Kuo	
OARocha	D. Jeng	
MV Williamson	J. Knight	
	R Lipinski	
	F Pagano	

John Blume Assoc.

Harding Lawson

D. Lang

R. Lawson

D. Thivari

A. Buchignani

R.

Discussed were the intake structure, turbine building, containment structure, and outdoor storage tanks, including underground diesel fuel tanks.

At the conclusion of the discussion of the structural aspects of the outdoor storage tanks, the security aspects of tank modifications were discussed.

Later in the afternoon I met with Mr. Allison to discuss the licensing schedule.

M. V. Williamson



Tuesday, 2/28/78 through Thursday, 3/2/78

PG&E and its consultants met with the staff to transmit information and discuss questions and information requests related to the SEB Design Criteria Review Meetings. It is our understanding that the attendance list and the content of these meetings will be included in a meeting summary to be published by the Staff.

*John B. Hill*

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and

