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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555

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OFFICE OF THE  
COMMISSIONER

August 22, 1984

DOCKETED  
USNRC

'84 AGO 22 P3:05

MEMORANDUM FOR: Chairman Palladino  
Commissioner Roberts  
Commissioner Asselstine  
Commissioner Bernthal

FROM: Lando W. Zech, Jr.

*Lando W. Zech Jr.*

SUBJECT: SITE VISIT TO DIABLO CANYON

1984  
SERVED AUG 22 1984

On July 26, 1984, I toured Diablo Canyon, Units 1 and 2. I was accompanied on my tour by Mr. Jack Martin, Regional Administrator, Region V; Mr. Marvin Mendonca, Senior Resident Inspector; Mr. Richard Parks, representing the Joint Intervenors; and Mr. James Shiffer and other members of the Pacific Gas and Electric management, operating staff, and contractors. I found the tour very helpful and informative and have summarized the tour in the enclosure.

Although I had technical discussions with the parties during the tour, I identified no new information that would have impacted the licensing decision.

cc: R. Black, OGC  
Parties

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SUMMARY OF L. W. ZECH'S TOUR OF DIABLO CANYON ON JULY 26, 1984

- 9:00 a.m. Arrive on site.
- 9:00-9:30 a.m. Dosimetry, Security, Whole body count, Escorted Access Training.
- 9:30-10:30 a.m. Tour of Training Building, Walkdown of Simulator Control Board, including color coding conventions.
- General discussion of five shift rotation, management support for training and operations.
- Discussion of roles of personnel on shift.
- Ability of simulator to simulate a variety of makeup system leaks and capability of adding additional sequences, not pre-programmed.
- Tour of Remote Shutdown Panel Simulation.
- Tour of classrooms, library, etc.
- Description by PG&E of 2nd Training Building plans.
- 10:30-10:45 a.m. Security procedures.
- 10:45-11:15 a.m. Tour of Technical Support Center including a discussion of communications with Control Room and EOF.
- Demonstration of EARS system.
- Discussion of Population Density zones and Coast Guard offshore response.
- Description of availability of plant data in TSC.
- 11:15-11:45 a.m. Tour of Unit 1 Turbine Building including Diesel Generator Support Modifications, Seismic Modifications to 4kv Switchgear Areas, Hosgri Mods to Turbine Building (Flying Buttresses)

11:45-12:20 p.m.	<p>Control Room Tour.</p> <p>Introductions and discussion with on-shift operating crew.</p> <p>Description of System Control and Tagout logs.</p> <p>Demonstration of Plant Safety Status Display.</p> <p>Discussion of Shift organization.</p> <p>Discussion of control of maintenance and construction activities.</p>
12:20-12:30 p.m.	<p>Tour of DC Battery Room. Inspection of Reactor Trip Bypass Breaker and description of modifications.</p>
12:30-1:30 p.m.	<p>Working Lunch</p> <p>Discussion of importance of visiting the site. Importance of the operators and the need for corporate and plant management involvement. Announced that the vote date had been delayed and my intention to use the time to try to consider the record, including the views of all of the parties. Stressed the importance of considering all views to reach a reasoned judgment and indicated I had not decided what my position would be.</p>
1:35 p.m.	<p>Health Physics controls for entry into Rad Controlled Areas.</p>
2:05 p.m.	<p>Entered Unit 1 Containment.</p>
2:05-3:30 p.m.	<p>Tour of Unit 1 including:</p> <ul style="list-style-type: none"> <li>Head Area, upper containment</li> <li>Seal Table Area</li> <li>Pressurizer Room</li> <li>Sump, Basemat Supports</li> <li>Top of Pressurizer Room, PORV's and Safeties</li> <li>Modifications underway to add MFW Bypass Valves</li> <li>Fuel-handling Area and Spent Fuel Pool</li> <li>Fire Pumps</li> <li>Secondary Chemistry Area</li> <li>Auxiliary Feedwater Pump/Valve Room</li> </ul>

BAST/BAT/RWFT described  
Post Accident Sampling System  
Seismic Instrumentation. Discussion of seismic  
shutdown and administrative limits.

3:30-3:55 p.m.

Break. Discussion of information on use of foreign steel in construction. PG&E indicated that they had not determined where the tube steel sample addressed by Internevors came from but think it was taken from a reject pile on site. Intervenor's representative indicated that the tube steel was from an installed component. According to PG&E, all steel, even foreign steel when it was used, met all applicable codes.

3:55-4:20 p.m.

Tour of Unit 2 site. Discussion of Construction Control Systems and methods used for identifying material.

4:20-4:30 p.m.

Intake Structure. Discussion of Seawater Intakes and safety-related equipment. Discussion of Seawall construction and reconstruction.

4:30-5:15 p.m.

Wrap-up Session.

During the wrap-up session, I stressed the need for management to stay involved with the plant operation and to support the operators. I stressed the need for strict Radiation Protection and warned against letting strict adherence fall victim to familiarity, inconvenience, or interference with construction activities. I stated the need for Quality Assurance in what is essentially a people-oriented business. We are dealing with a certain amount of uncertainty and there is room for professional disagreement when professional judgment is required, so we must respect each others opinion. Management follow-up is key. Management should be proud of their accomplishments but respect their responsibilities. The problems are not insurmountable, but we can never do the job too well.

Mr. Parks commented that he agreed that the operators are our most important resource. He encouraged us to welcome concerned workers into the fold rather than to harass and/or ostracize them. He discussed the recent resignation of a QC inspector and stressed that I should feel comfortable with my review of the record or abstain from voting.

I repeated my statement that all opinions must be respected. I indicated that I was working hard to complete my review but had not decided on how I would vote or if I would have enough information to vote.

I met briefly with the Regional Administrator, Mr. Shiffer of PG&E, and Mr. Parks to ensure that all parties had an opportunity to express any last thoughts they had as a result of the wrap-up session. Mr. Parks indicated that he felt the QA issue was an industry-wide problem that had to be dealt with. He indicated that he felt management attitude was the key. Mr. Shiffer stressed that PG&E's policy was not to tolerate any harassment.

5:30 p.m.

Exited site. Exit Whole Body Count.

6:00 p.m.

Press Conference.