

U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No. 50-358/83-16(OSC)

Docket No. 50-358

License No. CPPR-88

Licensee: Cincinnati Gas & Electric  
Company  
139 East 4th Street  
Cincinnati, OH 45201

Facility Name: Wm. H. Zimmer Nuclear Power Station

Inspection At: Torrey Pines Technology  
P. O. Box 85608  
San Diego, CA 92138

Inspection Conducted: September 6-8, 1983

Inspectors: *RFW for*  
W. L. Forney, Chief,  
Section 1, Zimmer

9/16/83  
(Date)

*RFWarnick*  
R. F. Warnick, Director,  
Office of Special Cases

9/16/83  
(Date)

Approved By: *RFWarnick*  
R. F. Warnick, Director  
Office of Special Cases

9/16/83  
(Date)

Inspection Summary

Inspection during the period of September 6, 7, 8, 1983 (Report No. 50-358/83-16(OSC))

Areas Inspected: Special inspection by Region III management of information utilized by Torrey Pines Technology to prepare Report GA-C17173, "Independent Review of Zimmer Project Management." The inspection involved 28 inspector-hours onsite by two NRC inspectors, including 5 inspector-hours onsite during off-shifts.

Results: Of the areas inspected, no items of concern were identified.

## DETAILS

### 1. Persons Contacted

G. L. Wessman, Director, Torrey Pines Technology  
\*A. J. Neylan, Project Manager  
V. Valentine, Terminal Operator  
R. Barker, Task Member  
J. Chafey, Task Member  
D. Pettycord, Task Leader  
P. Connors, Task Member

\*Denotes those attending exit meeting.

### 2. Background

Torrey Pines Technology (TPT) was contracted by Cincinnati Gas and Electric Company (CG&E) to perform an independent review of Zimmer project management and to issue a report of their findings, conclusions and recommendations in response to Section IV.B.1 of the Nuclear Regulatory Commission's (NRC) Show Cause Order (SCO), dated November 12, 1982.

During a meeting with NRC officials in the Region III office on July 25, 1983, TPT representatives informed the NRC that their report would not include all the details of their review, but the material would be available for the NRC to review.

### 3. Review of Files

- a. A review of the backup material file was conducted to determine the type and quantity of material in the files. The material consisted of memoranda, letters, reports, records of interviews, etc., by CG&E, NRC, TPT, and others. At the time of the inspection there were 4,034 documents contained in the files. Each document was assigned a computer access code number for retrieval purposes and was inputted into a computer memory bank. A manual record of the information inputted into the computer is maintained which provides backup capability in the event of a computer loss. Retrieval of information from the computer memory bank is possible using the following fields as keys: originating individual, receiving individual, document issue date, or subject matter (including single word or multi-word subordinate capabilities).
- b. A number of documents were selected by the NRC to test the retrieval capabilities and determine the accuracy of filing procedures. The records personnel were successful in retrieving the desired documentation. It was determined during this process that approximately 20 percent of the documents had been filed in two or more file locations (i.e., duplicated). This would reduce the backup material used by TPT for conclusions and recommendations to approximately 3200 individual documents.

c. It was determined that authentication of documentation was not totally protected since requested documentation was not always reproduced by TPT personnel and after receipt of documentation TPT did not make a determination of authenticity.

4. Review of Documents

Selected documentation was identified, retrieved, and reviewed by the NRC to determine the content of the documents, and that the documents were appropriate and supportive of TPT conclusions and recommendations. All of the documentation reviewed appeared to be appropriate and supportive of TPT conclusions and recommendations.

5. Interview of Task Personnel

The NRC met with TPT project management and task team members, selected by the NRC, to determine, through discussion, whether the conclusions and recommendations stated in the report were reflective of the opinion of task members, and whether task members were provided avenue(s) to resolve differing professional opinions.

The task members interviewed are listed below:

Ron Barker	Structural Steel Task Member
James Chafey	Welder Qualification Task Member Allegations Task Member
Pat Connors	Evaluation of QCP Task Member Evaluation of CG&E Management Task Member
Dave Pettycord	Evaluation of QCP Task Leader Evaluation of CG&E Management Task Leader

During the interview, the task leader/members discussed the methods used to obtain, review, and evaluate data for their assigned tasks. The personnel stated during the interview that they agreed with the conclusions and recommendations of the report, and that they were afforded the opportunity during the preparation of the report to resolve any differing professional opinions through team meetings, discussion with management personnel and additional review of backup material.

During the interview it was determined that not all available documentation was reviewed or utilized to form conclusions and recommendations and subsequently placed into the record files due to time constraints placed on issuing the report. TPT management stated, and team members concurred, that in their opinion, review of additional information would not have altered their conclusions and recommendations. They believe

the many documents they reviewed were representative of the other available documentation and that any additional information would not have caused them to change their conclusions or recommendations.

#### 6. Interview of Project Management

The NRC met with the TPT Director and the TPT Zimmer Project Manager during the entrance meeting, during the interview of task personnel, during the review of documentation, and at the exit meeting.

During the meetings the NRC was briefed on methodologies utilized by TPT for personnel selection and assignments; obtaining documentation, material, and interviews; documentation identification control and filing; data processing; and report preparation.

The NRC was informed that:

- a. Personnel selection and assignment was based on individual education, experience, and demonstrated capabilities relative to the various task subject matters.
- b. Documentation was obtained through review of files, interviews, observations, and daily task reports reflecting a synthesis of material by themes or tasks. Interviews were voluntary and TPT personnel did not have investigative experience; however, the interviewers attempted to discern the attitude and willingness of each interviewee.
- c. All reference material identification was stored on computer using Standard Management Record/Vellum Center Record System with all information retrievable on hard copy.
- d. The final report was prepared by a synthesis of material that was determined to be relative to the various themes or tasks. Each team submitted a task report which was prepared in a somewhat different format than the final report. Some phrases were changes by management for clarity, and incorporated into the desired format; however, the tone and conclusions were the same. No provisions were provided for minority positions; however, the conclusions represented the consensus of each task group. All personnel were subsequently asked by the Project Manager if they had any problems or concerns with the conclusions and recommendations. In the event an individual did have a problem or concern, the individual would have been free to pursue the matter through the chain to the highest level.

#### 7. Exit Meeting

An exit meeting was held with TPT management (designated by an asterisk in paragraph 1 of the Details section) at the conclusion of the inspection on September 8, 1983.