

**TORREY PINES TECHNOLOGY**

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A Division of **GA Technologies Inc.**

March 22, 1983
 TPT:CG&E-002

PRINCIPAL STAFF		
RA	ENF	
D/RA	SCS	195
A/RA	PAO	
DPRP	SLO	
DRMA	RC	
DRMSP		
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OL	FILE	

50-358

Mr. W. H. Dickhoner
 President and Chief Executive Officer
 Cincinnati Gas and Electric Company
 139 East Fourth Street
 Cincinnati, Ohio 45202

Dear Mr. Dickhoner:

In anticipation that Torrey Pines Technology will be confirmed as independent reviewer of the Zimmer NPS Project Management, we have developed a list (enclosed) of the initial documents and information that we would require from CG&E. The list is fairly generalized in nature, and may require modification to the particular organization/document system used on Zimmer.

In a telephone conversation on March 22, I advised Mr. Keppler of our intended request. He had no problem with it, provided all communications complied with NRC's Protocol of 3/2/83.

Early receipt of this information would allow us to proceed promptly and expeditiously in planning our review and preparing for subsequent meetings with Zimmer Project staff. I look forward to hearing from you.

Sincerely,

A. J. Neylan
 Project Manager

Enclosure

Copy w/Encl.

Mr. J. G. Keppler - NRC

DESIGNATED ORIGINAL

Certified By L. E. Spader

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**INITIAL LIST OF DOCUMENTS/INFORMATION REQUIRED FROM CG&E
FOR INDEPENDENT REVIEW OF ZIMMER PROJECT MANAGEMENT AND ITS
QA PROGRAM**

1. Contracts

- 1.1 Contracts between CG&E and its major subcontractors (i.e., GE, S&L, and Kaiser) and all amendments, including specifications, attachments or other documents that define (a) project management scope and responsibilities and (b) the Quality Assurance Program and quality-related actions/responsibilities that CG&E assigned to Kaiser, S&L, and GE.
- 1.2 Procedures and documents that define how, and to what extent, CG&E required its contractors to feed back to CG&E the results of inspection reports, trend reports, nonconformance reports, and other quality-related information concerning adverse quality, along with the contractors' analyses of this information, conclusions and recommendations. Provide reports given to CG&E by contractors during the period January 1, 1979 to November 12, 1982.

2. Organization

- 2.1 Complete Zimmer Project Management, including QA, Organizational Structure and Position/Responsibilities Description for each position in the structure for CG&E, S&L, Kaiser, and GE at the time of NRC's Stop Work Order (CLI-82-33).
- 2.2 Prior organization charts from January 1979 to November 1982.

3. Staffing

- 3.1 Name and qualifications/resumes of individuals in each position identified in 2.1 above, and the time in that position at the time of NRC's Stop Work Order (CLI-82-33).
- 3.2 List of Management, Supervisor, Foreman, and Craftsman training courses and/or qualification tests provided.

4. Project/QA Policy and Plans (CG&E, S&L, Kaiser, GE)

- 4.1 Project Policy Statements, Project Policy Manual, and Project Directives.

- 4.2 QA Policy Manual, QA Training Manual, and Policy Statements concerning quality assurance, workmanship and problem reporting.
- 4.3 Program/Work Plan for Zimmer 1 for CG&E and its major subcontractors.
- 5. PSAR
 - 5.1 Chapter 14, including revisions
 - 5.2 Chapter 17, including revisions
- 6. Communications and Control Systems
 - 6.1 CG&E Zimmer 1 Project Procedure Manuals (noting changes made since January 1979 and change date). This should include all procedures for management and administration of the project including Planning, Scheduling, Organizing, Budgeting, Staffing, Directing, and Controlling, e.g.,
 - Project Management and Administration
 - Engineering/Design, including all changes
 - Procurement
 - Quality Assurance (see also 6.2 below)
 - Material Control
 - Configuration Management
 - Construction, Installation, Checkout and Turnover
 - Operation and Maintenance
 - Liaison
 - Construction Punch List (Procedures)
 - 6.2 CG&E Zimmer 1 QA Procedure Manual including:
 - Auditing
 - Problem Identification, Reporting

- Trend Analysis
 - Corrective Action/Root Cause Determination
 - Follow-Up/Close-Out of Deviations
 - Work Instructions
 - Training and Indoctrination
 - Qualification/Certification
 - Procurement Control
 - Design Control
 - PSAR/Code Controls
 - CG&E Surveillance of Construction
 - CG&E Inspection of Construction
 - Independent Assessment of the Status and Adequacy of CG&E QA Program
 - QA Records Control
 - Interface with Kaiser, S&L and GE
- 6.3 Description and Example of Zimmer Project Management Information System Employed (e.g., Planning and Scheduling, Configuration Management, Performance Management, and Problem Analysis and Corrective Action Punch List and Commitment List)
- 6.4 Description and Example of Zimmer Project Status Reporting System, e.g.,
- Type of Report
 - Frequency of Generation
 - Distribution
- 6.5 Description and Example of Zimmer Personnel Evaluation System, e.g.,
- Criteria and Importance

- Classifications/Population Distribution
 - Incentives/Penalties
 - Prior Ratings and 1982 Ratings
- 6.6 Procedure and other information describing the "Quality Confirmation Program," responsibilities, organization, its implementation and progress/problems from inception to date.
- 6.7 Procedures defining the transition from plant construction to operations phase.
7. Reports
- 7.1 Minutes of Major Design and Construction Review Meetings in 1982
- 7.2 List of Design Review Reports from January 1979 to November 1982
- 7.3 List of Construction Review Reports from January 1979 to November 1982
- 7.4 Construction Progress Reports from January 1979 to November 1982
- 7.5 List of all ASME/State Inspection Reports
- 7.6 List of Internal and External Audits from January 1979 to November 1982, including Subcontractor Audits (include Audit Report No., Area Audited, Summary of Findings and Observations)
- 7.7 Key CG&E Summary Reports regarding the Investigation and Corrective Action of Major Problems Experienced at Zimmer
- 7.8 Last Five Reports of the Independent Management Assessment of the Status and Adequacy of the CG&E QA Program
- 7.9 Copy of CG&E Response, including Corrective Action, to NRC Investigation Report 50-358/81/1
- 7.10 Immediate Action Letter to the Licensee dated April 8, 1981 and CG&E Response

7.11 NRC Inspection Reports and CG&E Responses from January 1, 1979 to November 12, 1982.

7.12 Copy of all complaints by present or former employees that relate to inadequate quality, improper records, or harassment, as mentioned in the NRC's Stop Work Order (CLI-82-33).

8. Construction Planning and Scheduling

8.1 Description and example of Construction Planning and Scheduling System

8.2 Random Sample of Construction Log (Copies of the Log for January 13-14, April 22-23, July 3-5, and September 28-19 for the years 1979 through 1982)

8.3 Description and Example of Supervisor, Foreman, Craftsman Scheduling and Assignment

8.4 Copies of Punch Lists for Zimmer 1 for the months of January, May and September for the Years 1979 through 1982.

8.5 Copies of the Problem Analysis and Corrective Action Report (or file) on the five problems that caused the greatest schedule delay during 1980, 1981 and 1982.

8.6 Information regarding overall current status of systems/components concerning percentage construction complete, turnover to operations, testing or re-testing.