

U.S. NUCLEAR REGULATORY COMMISSION

REGION III

ZIMMER MONTHLY
STATUS REPORT

August 1983

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PDR ADOCK 05000358
R PDR

A. Executive Summary

On August 19, 1983, Torrey Pines Technology (TPT) issued their report entitled, "Independent Review of Zimmer Project Management." The cover letter for this report is enclosed as Attachment IV.

As previously agreed, Cincinnati Gas and Electric (CG&E) sent copies of the TPT report to those individuals identified in Attachment V. On September 7, 1983, RIII sent a letter to those individuals confirming that CG&E sent the TPT report to them. This letter also enclosed a TPT erratum sheet for the Executive Summary, dated August 22, 1983. The TPT report was also sent to all individuals on the standard Zimmer distribution list.

On August 26, 1983, Messrs. Stello, DeYoung, and Keppler met with senior representatives of CG&E, Dayton Power and Light Company, and American Electric Power to discuss concerns that should be addressed by CG&E in their evaluation of the TPT report and their response to NRC.

In the June Zimmer Monthly Status Report it was discussed that H. J. Kaiser, Inc. was invited to attend a hearing before the ASME Subcommittee on Nuclear Accreditation (SC-NA). As a result of the hearing on July 21, 1983, the Subcommittee decided that H. J. Kaiser, Inc. would be permitted to retain their NA and NPT certificates of authorization subject to their acceptance of the following conditions:

- . An announced audit at H. J. Kaiser's expense would be conducted within approximately 90 days (actual date will be November 2-4, 1983) for the purpose of verifying the completion of corrective actions required to resolve all findings noted as a result of the ASME audits conducted on March 22-24, 1982 and March 24-25, 1983.
- . A second announced audit, also at Kaiser's expense, would be conducted at such time as Code work resumes by a full survey team for the purpose of reviewing the entire QA program and its implementation.

The H. J. Kaiser response accepting these conditions, along with the letter from ASME setting forth the conditions are provided as Attachment VI.

On August 3, 1983, CG&E informed Region III that the Vice President, Power Division, the Construction Project Manager, and the Zimmer Site QA Manager for the H. J. Kaiser organization were being replaced.

On September 2, 1983, the CG&E Quality Assurance Department Manager was replaced. The new QA manager is Mr. J. F. Shaffer, formerly the Director of the Quality Confirmation Program.

Region III inspection efforts at the Zimmer facility during the month were concentrated on review of nonconformance reports, monitoring and inspection of other ongoing activities including the Quality Confirmation Program (QCP), and monitoring of the stopping of safety-related construction. Inspection reports 50-358/82-12, 50-358/83-04, 50-358/83-08, 50-358/83-09, and 50-358/83-10 were issued during the month of August.

Attachment I summarizes the changes in the QCP Task completion status and expected completion dates.

Attachment II is CG&E's QCP status report and summary sheet for the month of July.

A bi-weekly status report issued by TPT is included as Attachment III.

B. Other Activities for the Month of August

The National Board of Boiler and Pressure Vessel Inspectors is continuing inspection efforts onsite. The findings of the National Board are consistent with and similar to NRC findings. The National Board issued Interim Report No. 13 on August 2, 1983.

The licensee responded to issues raised by the National Board on the following dates in August: 08/08/83 and 08/29/83.

In accordance with 10 CFR 50.55(e), the licensee reported the following potential construction deficiencies:

- . On August 3, 1983, the licensee reported that target rock solenoid valves experienced axial travel of the solenoid coil. The possibility exists that movement could cause damage to the leads of the solenoid and render it inoperative. The reviews indicate safety-related applications where failure of these valves could affect safety.
- . On August 12, 1983, the licensee reported that a review by CG&E of personal logs and diaries received from Catalytic, Inc. indicated that some deficiencies may have been processed informally and not properly evaluated and reported as required by the QA program. The review is not complete and much of the information is conflicting between the diaries and the log.
- . On August 18, 1983, the licensee reported that in 1979 a high pressure core spray (HPCS) system isolation valve outlet flange with a design pressure of 125 psig was designed and connected to discharge into a 1500 psig system. During system test the outlet flange was exposed to 1500 psig pressure. An engineering change request was issued which redesigned the discharge path. The valve discharge is now connected to the suppression pool. The valve was not changed, and there are no records to indicate performance of an engineering evaluation.

- . On August 23, 1983, the licensee reported that 3/4 inch and 1 inch manual needle valves in high point drains of the control rod drive system have experienced failures by loose discs, twisted stems, and damage to threaded components. Failure during operation could lead to an indeterminate amount of leakage in control rod drive system.
- . On August 23, 1983, the licensee reported that during a test for the fire protection alarm system in May of 1980, no alarm was noted to indicate tampering with a supervised alarm circuit. The original design did not incorporate this feature.
- . On August 23, 1983, the licensee reported that an attachment nut holding a fan blade for the cooling of an essential 480 volt substation transformer vibrated loose. This could have led to possible failure of the transformer if the nut would have backed completely off and the fan blade would have spun into the transformer.
- . On August 23, 1983, the licensee reported that there is a small potential for a fire when replacing lightbulbs in the annunciators because of the small exposed copper leads on the bulbs, causing a short. A fire was caused in 1981 and was documented on a non-conformance report. Although all bulbs (Westinghouse and Sylvania) were inspected in 1981 to see if any had exposed leads, CG&E has not completed their evaluation.
- . On August 24, 1983, the licensee reported that contrary to cable separation specifications which require that barriers between redundant control room panel sections extend from the floor to the ceiling, the panels were set on channels. As a result, the barriers did not reach the floor, resulting in the potential for violation of physical separation of electrical equipment.

C. Zimmer Section Manpower Availability and Utilization

1. Assigned Manpower

Section Chief and Project Manager Assigned to Zimmer full-time and onsite part-time.

Two Resident Inspectors onsite full-time. The Senior Resident Inspector transferred to a new assignment August 21, 1983.

2. Summary of Manpower Utilization

Onsite and inoffice professional effort from January 2, 1983 through July 30, 1983 was approximately 4877 manhours, with 739 of these manhours occurring between July 3 and July 30, 1983. Professional effort for 1982 was approximately 10,641 manhours. (These hours do not include those of OI investigators.)

Attachments

- I. Summary of the progress of the QCP task areas
- II. QCP Status as of July 31, 1983 (Provided by Licensee)
- III. TPT bi-weekly status report, August 9, 1983
- IV. TPT cover letter, August 19, 1983, for their report entitled,
"Independent Review of Zimmer Project Management"
- V. List of individuals who received copies of the TPT report
- VI. August 2, 1983 H. J. Kaiser letter responding to a July 25, 1983
letter (also attached) from the ASME

SUMMARY OF THE PROGRESS OF QUALITY CONFIRMATION PROGRAM (QCP) TASK AREAS

TASK AREA	PERCENT COMPLETE/EXPECTED COMPLETION AS OF				
	MARCH	APRIL	MAY	JUNE	JULY
1. STRUCTURAL STEEL*	72% 05/01/83	62% 11/30/83	55% 11/30/83	57% 11/30/83	66% 11/30/83
2. WELD QUALITY*	70% **	60% 12/31/83	65% 12/31/83	66% 12/31/83	68% 12/31/83
3. HEAT NUMBER TRACEABILITY*	46% 12/31/83	33% 02/29/84	34% 02/29/84	37% 02/29/84	38% 02/29/84
4. SOCKET WELD FITUP	98% 04/30/83	99% 06/30/83	99% 06/30/83	99% 07/31/83	99% 12/31/83
5. RADIOGRAPHS	100% 02/15/83	100% 02/15/83	100% 02/15/83	100% 02/15/83	100% 02/15/83
6. CABLE SEPARATION*	75% 06/01/83	85% 07/31/83	95% 07/31/83	99% 07/31/83	99% 08/31/83
7. NONCONFORMANCES	72% 06/01/83	70% 12/31/83	71% 12/31/83	72% 12/31/83	73% 12/31/83
8. DESIGN CONTROL AND VERIFICATION	99% 04/30/83	99% 07/01/83	99% 07/31/83	99% 07/31/83	99% 09/15/83
9. DESIGN DOCUMENT CHANGES	<44% 09/30/83	<44% 02/29/84	<44% 02/29/83	<44% 02/29/84	<44% 02/29/84
10. SUBCONTRACTOR QA PROGRAMS	79% 06/01/83	79% 09/30/83	55% 09/30/83	60% 09/30/83	70% 09/30/83
11. AUDITS	86% 06/01/83	86% 09/30/83	50% 09/30/83	52% 09/30/83	63% 09/30/83
12. BOLTING				0% **	0% **
13. MASONRY WALLS				0% **	0% **
14. SEISMIC COLUMNS				0% **	0% **
15. COATINGS				100% 07/01/83	100% 07/01/83
16. SEISMIC INTERACTIONS				0% **	0% 02/29/84

*Areas viewed by Region III as potentially requiring a significant amount of rework.

**Estimated completion date to be determined.

THE CINCINNATI GAS & ELECTRIC COMPANY



August 22, 1983
LIZ-83-0113

J. WILLIAMS, JR.
SENIOR VICE PRESIDENT
NUCLEAR OPERATIONS

Docket No. 50-358

U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Attention: Mr. J.G. Keppler
Regional Administrator

Gentlemen:

RE: WM. H. ZIMMER NUCLEAR POWER STATION - UNIT 1
MONTHLY STATUS REPORT FOR THE QUALITY
CONFIRMATION PROGRAM
W.O. 57300, JOB E-5590, FILE NO. 956C

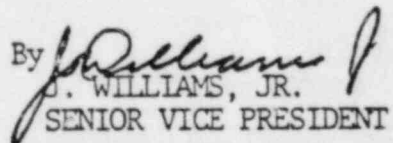
PRINCIPAL STAFF	
D/PA	10/23
V	
D/EP	
D/ST	
DE	
NL	
GL	FILE

Attached is a copy of the July Quality Confirmation Program (QCP) Status Report and Summary Sheet for your review in accordance with Mr. R. F. Warnick's letter dated December 30, 1982.

If you have any questions or comments, you may contact me or Mr. G. C. Ficke, Manager, Nuclear Licensing at (513) 553-6844.

Very truly yours,

THE CINCINNATI GAS & ELECTRIC COMPANY

By 
J. WILLIAMS, JR.
SENIOR VICE PRESIDENT

DJS/sfr

AUG 29 1983

ATTACHMENT II

Mr. J. G. Keppler
Regional Administrator
August 22, 1983
LOZ-83-0113
Page 2

cc: NRC Office of Inspection & Enforcement
Washington, D.C. 20555
ATTN: J. H. Sniezek
NRC Senior Resident Inspector
ATTN: W. F. Christianson
NRC Zimmer Project Inspector, Region III
ATTN: E. R. Schweibinz
NRC Office of Nuclear Reactor Regulation
Washington, D.C. 20555
ATTN: L. Kintner

QCP SUMMARY

- Task 1 Structural Steel - This task is currently staffed with 31 people working mainly in the Drywell, Reactor and Service Water Building. This task is currently estimated to be 66% complete.
- Task 2 Weld Quality - This task is currently staffed with 7 people working final small bore weld rod heat traceability and welder qualification reviews. This task is estimated to be 68% complete.
- Task 3 Heat Number Traceability - This task is currently staffed with 9 people working mostly on the Purchase Order and small bore documentation reviews. This task is estimated to be 38% complete.
- Task 4 Socket Weld Disengagement - This task is currently awaiting a response by the NRC to the NED position on socket weld concerns. This task is essentially complete.
- Task 5 Radiographs - This task is being supported by Task 3 personnel. The final report for this task was submitted to the NRC Region III. This task is essentially complete.
- Task 6 Cable Separation - This task is currently staffed with one person. All inspections have been completed and final draft report is being written. This task is currently estimated to be 99% complete.
- Task 7 Nonconformance Reports - This task is currently staffed with 11 people working mainly on the Voided NR and Surveillance Report (SR) review. This task is currently estimated to be 73% complete.
- Task 8 Design Control and Verification - This task was originally supported by Sargent and Lundy (S&L). The draft report has been reviewed by NED, and comments submitted. QCP is participating in the close out of past audits of S&L. This task is currently estimated to be 99% complete.
- Task 9 Design Document Changes - This task is currently staffed with 10 people working mainly on the review of DDC's, and the completion of the random sample weld inspection of cable tray and conduit supports. This random inspection is now complete. This task is currently estimated to be 44% complete. (Not including Subtask III)
- Task 10 Subcontractor/OA Program - This task is currently staffed with 4 people working on the evaluations of past audits reviewed of subcontractors. This task is currently estimated to be 70% complete.
- Task 11 Audits - This task is staffed with the same personnel as Task 10. The preliminary audit review has been completed and final reviews are being done. This task is currently estimated to be 63% complete.
- Task 12 Bolting - Sargent and Lundy has submitted to NED their recommended
- Task 13 Masonry Walls - program for the verification of bolting, masonry walls,
- Task 14 Seismic Columns - and seismic columns. QCP is reviewing both S&L's and NED's position on these items.

- Task 15 Coatings - CG&E has evaluated reports submitted by KTA-TATOR, Inc. and Sargent & Lundy Engineers on the adequacy of the Service Level I Coatings and has concluded that removal and replacement of these Coatings is necessary except for a small amount which is inaccessible.
- Task 16 Seismic Interaction - QCP is overviewing Sargent & Lundy's walkdown for Seismic Interaction. Work began in July, with walkdowns being performed in the Service Water Pump Structure.

QUALITY CONFIRMATION PROGRAM

STATUS

AS OF JULY 31, 1983

QUALITY CONFIRMATION PROGRAM

TASK I: STRUCTURAL STEEL

ITEMS WORKED THIS MONTH

- A. 11 BEAMS WERE INSPECTED. ALL 11 BEAMS HAD DEFICIENCIES. 470 REINSPECTIONS WERE PERFORMED FOR ADDITIONAL INFORMATION.
- B. 6 SPECIFIC NR'S WERE WRITTEN COVERING THOSE ITEMS WITH DEFICIENCIES.

SUMMARY OF TASK

<u>AREA</u>	<u>TOTAL # OF ITEMS</u>	<u>ITEMS COMPLETED THIS MONTH</u>	<u>ITEMS COMPLETED TO DATE</u>	<u>PERCENT COMPLETED THIS MONTH</u>	<u>PERCENT COMPLETED TO DATE</u>	<u>MANHOURS EXPENDED THIS MONTH</u>	<u>MANHOURS REMAINING</u>
DRYWELL	786	0	393	0	50	0	3,990
REACTOR AUX. SVC. WATER BLDG.	3,190	11	2,472	.3	77.5	110	7,350
CONTROL RM. HVAC SPTS.	105	0	56	0	53	0	450
GENERIC NR'S TO REINSPECT (BEAMS)	1,000	470	470	47	47	2,481	2,799
TOTAL	5,081	481	3,391	9.4	66	2,591	14,589

COMMENTS AND CONCERNS

- A. APPROXIMATELY 1,000 BEAMS HAVE PREVIOUSLY BEEN DOCUMENTED ON "GENERIC" NR'S BUT HAVE NOT BEEN REWORKED. THESE BEAMS ARE BEING REINSPECTED AND "SPECIFIC" NR'S WRITTEN WHERE APPLICABLE.
- B. TASK I HAS COMPLETED 8 WORK ORDERS AND RETURNED THESE TO GCD.
- C. 13 NEW INSPECTORS HAVE BEEN ASSIGNED TO TASK I. A SIGNIFICANT AMOUNT OF TIME AND EFFORT HAS BEEN DEVOTED TO THE TRAINING AND CERTIFICATION OF THESE PEOPLE (I.E., TRAINING CLASSES, FIELD TRAINING AND FAMILIARIZATION, EYE EXAMS, WORKING WITH THE TRAINING DEPARTMENT TO REVISE TESTS AND MAKE NEW AWS SAMPLES).
- D. TASK I COMPLETED THE WALKDOWN OF ALL CLASS I STRUCTURES TO DETERMINE THE SCOPE OF STRUCTURAL WELDING AND BOLTING.
- E. TASK I COMPLETED A WALKDOWN OF THE DRYWELL TO DETERMINE THE VARIOUS TYPES OF BOLTING USED.
- F. WE HAVE REVISED ALL OF THE QCS DRAWINGS TO REFLECT ALL STRUCTURAL STEEL. THESE ARE BEING SENT DOWNTOWN FOR DRAFTING.

QUALITY CONFIRMATION PROGRAM

TASK I - CONT'D.

COMMENTS AND CONCERNS - CONT'D.

G. WE ARE REVIEWING ALL TASK I INSPECTION DOCUMENTATION IN THE DRYWELL AND ENTERING INSPECTION INFORMATION ON THE DRYWELL STRUCTURAL STEEL STATUS SHEETS IN SUPPORT OF THE DRYWELL STATUSING EFFORT.

H. GENERATED 1 CER ON HVAC SUPPORTS (CER #83-230).

NONCONFORMANCE SUMMARY

AREA	TOTAL NR'S WRITTEN	NR'S * DISPOSITIONED	NR'S () CLOSED/CANCELLED	NR'S () PEND'G. CANCEL'N.	GENERIC NR'S	TOTAL DEFICIENCIES	DEFICIENCIES*			
							AAI	REW.	REP.	REJ
DRYWELL	361	257	29 (44)	47 (114)	0	1,177	52	815	15	0
GALLERY STL. RX. BLDG.	48	11	34 (54)	2 (2)	0	91	3	29	2	0
CONTROL RM. 567'5"	42	14	16 (16)	4 (7)	4	47	7	11	3	0
SWITCH GR. 567'5"	44	29	3 (3)	12 (13)	1	64	9	30	11	0
SWITCH GR. 546'	103	78	11 (12)	1 (1)	6	130	24	66	8	0
SWITCH GR. 536'0"	44	8	6 (10)	0 (0)	9	60	4	2	1	0
ROOF STEEL 591'	78	81	11 (11)	2 (3)	22	64	32	10	6	0
HVAC	58	8	1 (1)	0 (0)	0	344	31	0	0	0
CABLE SPREAD 546'	103	73	15 (15)	2 (2)	10	110	55	27	13	0
FOOT CONN.	253	-	-	-	-	-	139	88	15	0
RX. BLDG.	136	77	2 (3)	3 (8)	4	225	93	13	7	0
SVC. WATER 451'	54	-	- (0)	- (0)	2	194	0	0	0	0
DIESEL GEN.	82	-	- (0)	- (0)	-	249	0	0	0	0
BATT. RM.	4	-	- (0)	- (0)	-	7	0	0	0	0
TOTAL	1,410	636	128 (169)	73 (150)	58	2,762	449	1091	81	0

* THIS FIGURE DOES NOT REPRESENT NR'S CANCELLED, CLOSED OR PENDING CANCELLATION
 () TOTAL NUMBER OF DEFICIENCIES.

QUALITY CONFIRMATION PROGRAM

TASK I - CONT'D.

MANPOWER SUMMARY

	<u>ACTUAL</u>
TASK COORDINATOR	1
QUALITY SPECIALISTS	2
DOCUMENT REVIEWERS	4
INSPECTORS	<u>24</u>
TOTAL	31

STATUS

THIS TASK IS APPROXIMATELY 66% COMPLETE.

ESTIMATED COMPLETION DATE

NOVEMBER 30, 1983

QUALITY CONFIRMATION PROGRAM

TASK II: WELD QUALITY

ITEMS WORKED THIS MONTH

- A. REVIEWED 456 SMALL BORE PACKAGES FOR WELD ROD HEAT TRACEABILITY. 41 NR'S WERE WRITTEN AGAINST AREAS SUCH AS: DISCREPANCIES BETWEEN DOCUMENTATION AND DRAWINGS, DUPLICATION OF WELD NUMBERS, ALTERED HEAT NUMBERS ON THE DOCUMENTATION AND MISSING DOCUMENTATION.
- B. 30 NR'S WERE WRITTEN THIS MONTH ON WELDER QUALIFICATIONS.

SUMMARY OF TASK

<u>AREA</u>	<u>TOTAL # OF ITEMS</u>	<u>ITEMS COMPLETED THIS MONTH</u>	<u>ITEMS COMPLETED TO DATE</u>	<u>PERCENT COMPLETED THIS MONTH</u>	<u>PERCENT COMPLETED TO DATE</u>	<u>MANHOURS EXPENDED THIS MONTH</u>	<u>MANHOURS REMAINING</u>
STRUCT. KE-1 REVIEW	11,000	0	11,000	0	98	0	200
LG. BORE PIPE	9,000(Appx)	0	0	0	0	0	1,500
WELD PROC. ADMIN. REVIEW	77	0	77	0	100	0	0
WELDER QUAL. RE-REVIEW	2,500	334	928	13	37	320	586
WELD ROD CONTROL	0	0	0	0	0	0	416
FINAL REVIEW SM. BORE PIPE	2,725	456	1,419	16	52	500	2,354
TOTAL	25,302	790	13,347	2	68	820	5,056

NONCONFORMANCE SUMMARY

587 NR'S GENERATED TO DATE
 165 CER'S GENERATED TO DATE

COMMENTS AND CONCERNS

- A. REVIEW OF SMALL BORE PIPING PACKAGES IS HAMPERED DUE TO PACKAGES NOT BEING COMPLETE. HJK'S QC GROUP HAS POSSESSION OF NUMEROUS SYSTEM PACKAGES.
- B. CER'S HAVE BEEN GENERATED ON FILLER MATERIAL AND CALIBRATION CONTROL.

QUALITY CONFIRMATION PROGRAM

TASK II: WELD QUALITY

COMMENTS AND CONCERNS - CONT'D.

- C. PROCEDURE FOR LARGE BORE PIPING REQUIRES SOME MODIFICATION IN ORDER TO INCORPORATE WITH TASK III'S REVIEW.
- D. THE NR'S AND CER'S GENERATED ON WELDER QUALIFICATIONS ARE TO BE ADDRESSED BY A SPECIAL MRB TASK GROUP.
- E. STRUCTURAL STEEL KE-1 REVIEW BY THIS TASK ADDRESSED ELEVEN (11) GENERIC DEFICIENCIES IN HJK'S DOCUMENTATION. THESE CONCERNS WERE GIVEN TO HJK VIA CAR 82-90 REV. 1. HJK IS PRESENTLY PERFORMING A REVIEW OF STRUCTURAL KE-1'S AND ADDRESSING THESE CONCERNS IN ACCORDANCE WITH THEIR WRITTEN PROCEDURES AND THE REQUIREMENTS OF CAR 82-90 REV. 1. A REVIEW OF HJK'S REVIEW WILL BE PERFORMED DURING THE FIRST WEEK OF AUGUST.

MANPOWER SUMMARY

	<u>ACTUAL</u>
TASK COORDINATORS	1
INSPECTORS	0
DOCUMENT REVIEWERS	6
CLERKS	<u>0</u>
TOTAL	7

STATUS

THIS TASK IS APPROXIMATELY 68% COMPLETE

ESTIMATED COMPLETION DATE

DECEMBER 31, 1983

QUALITY CONFIRMATION PROGRAM

TASK III: HEAT NUMBER TRACEABILITY

ITEMS WORKED THIS MONTH

- A. 254 PURCHASE ORDERS WERE REVIEWED BY TASK III. 122 OF THESE P.O.'S WERE RETURNED TO HJK DUE TO DEFICIENCIES MISSED IN THEIR INITIAL REVIEW AND WERE CORRECTED AND RETURNED. THE TOTAL NUMBER OF P.O.'S ACCEPTED THIS MONTH IS 132.
- B. 174 SMALL BORE PIPING PACKAGES WERE REVIEWED BY TASK III. 67 OF THESE PIPING PACKAGES WERE RETURNED TO HJK DUE TO DEFICIENCIES MISSED IN THEIR INITIAL REVIEW. THE TOTAL NUMBER OF SMALL BORE PIPING PACKAGES ACCEPTED THIS MONTH IS 107.

SUMMARY OF TASK

AREA	TOTAL # OF ITEMS	ITEMS COMPLETED THIS MONTH	ITEMS COMPLETED TO DATE	PERCENT-COMPLETED THIS MONTH	PERCENT COMPLETED TO DATE	MANHOURS EXPENDED THIS MONTH	MANHOURS REMAINING
SM. BORE DOC.	2,725 ISK	107	398	4	14.6	336	2,115
SM. BORE WALKDOWN	2,725 ISK	0	2,691	0	100	0	0
LG. BORE DOC.	(Appx) 380 PSK	0	0	0	0	100	3,292*
LG. BORE WALKDOWN	(Appx) 380 PSK	0	0	0	0	0	1,500*
PURCHASE ORDER REV.	4,196	132	586	3	13.9	634	8,209
GAMMA PLUG 50.55(e)M-56	403	0	403	0	100	0	0
TOTAL	10,809	239	4,078	2	38	1,070	14,116

* HOURS ARE INCREASED DUE TO WELD ROD HEAT # VERIFICATIONS PREVIOUSLY DESIGNATED TO BE IN TASK II (FOR LARGE BORE).

COMMENTS AND CONCERNS

- A. IN ORDER TO OBTAIN THE INFORMATION REQUIRED TO IDENTIFY MODIFICATIONS TO LARGE BORE PIPING SUBASSEMBLIES, A METHOD OF SURVEILLING THE H. J. KAISER N-5 PROGRAM IS BEING DEVELOPED. RECOMMENDATIONS HAVE BEEN MADE OUTLINING A PROGRAM AND DEFINING NECESSARY INTERFACES. THE QCP PROCEDURE FOR LARGE BORE REVIEW IS BEING REVISED.

NONCONFORMANCE SUMMARY

H. J. KAISER HAS GENERATED 654 NR'S, 588 DDN'S AND 27 CAR'S TO DATE COVERING PURCHASE ORDER REVIEWS.

QUALITY CONFIRMATION PROGRAM

TASK III - CONT'D.

MANPOWER SUMMARY

	<u>ACTUAL</u>
TASK COORDINATOR	1
TASK LEAD	1
INSPECTOR	2
DOCUMENT REVIEWERS	<u>5</u>
TOTAL	9

STATUS

THIS TASK IS APPROXIMATELY 38% COMPLETE.

ESTIMATED COMPLETION DATE

FEBRUARY 29, 1984

QUALITY CONFIRMATION PROGRAM

TASK IV: SOCKET WELD DISENGAGEMENT

ITEMS WORKED THIS MONTH

A. SEE COMMENTS AND CONCERNS ITEM A.

SUMMARY OF TASK

<u>AREA</u>	<u>TOTAL # OF ITEMS</u>	<u>ITEMS COMPLETED THIS MONTH</u>	<u>ITEMS COMPLETED TO DATE</u>	<u>PERCENT COMPLETED THIS MONTH</u>	<u>PERCENT COMPLETED TO DATE</u>	<u>MANHOURS EXPENDED THIS MONTH</u>	<u>MANHOURS REMAINING</u>
INITIAL REVIEW SOCKET WELD DISENGAGEMENT	32,000	0	29,281	0	98	0	0
FINAL REVIEW	2,725	0	985	0	36	0	0
TOTAL	34,725	0	30,266	0	100	0	0

NONCONFORMANCE SUMMARY

A REVIEW OF NR'S GENERATED AGAINST TASK IV HAS STARTED TO INSURE NO DUPLICATION OF NONCONFORMANCES.

COMMENTS AND CONCERNS

- A. A REVIEW OF DOCUMENTATION FOR SOCKET DISENGAGEMENT IS BEING PERFORMED ALONG WITH TASK II'S EFFORTS.
- B. DOCUMENTATION FOR 16,704 SMALL BORE SOCKET WELDS HAS BEEN REVIEWED TO DATE.

MANPOWER SUMMARY

	<u>ACTUAL</u>
DOCUMENT REVIEWERS	0
TOTAL	0

STATUS

THIS TASK IS APPROXIMATELY 100% COMPLETE. SEE ITEM A UNDER "COMMENTS AND CONCERNS".

ESTIMATED COMPLETION DATE

DECEMBER 31, 1983 (WILL WORK IN PARALLEL WITH TASK II)

QUALITY CONFIRMATION PROGRAM

TASK V: RADIOGRAPHS

ITEMS WORKED THIS MONTH

A. THE FINAL REPORT WAS SUBMITTED TO THE NATIONAL BOARD AND THE NRC.

SUMMARY OF TASK

<u>AREA</u>	<u>TOTAL # OF ITEMS</u>	<u>ITEMS COMPLETED THIS MONTH</u>	<u>ITEMS COMPLETED TO DATE</u>	<u>PERCENT COMPLETED THIS MONTH</u>	<u>PERCENT COMPLETED TO DATE</u>	<u>MANHOURS EXPENDED THIS MONTH</u>	<u>MANHOURS REMAINING</u>
RADIOGRAPHY REVIEW	4,250	0	4,250	0	100	0	0
RADIOGRAPHS PHASE II	46	0	46	0	100	0	0
TOTALS	4,296	0	4,296	0	100	0	0

NONCONFORMANCE SUMMARY

N/A

COMMENTS AND CONCERNS

A. THE NATIONAL BOARD AND THE STATE OF OHIO HAVE APPROVED THE FINAL REPORT FOR TASK V.

MANPOWER SUMMARY

PERSONNEL ASSIGNED TO TASK III SUPPORT THIS ACTIVITY.

STATUS

AWAITING APPROVAL OF FINAL REPORT BY NRC REGION III.

QUALITY CONFIRMATION PROGRAM

TASK VI: CABLE SEPARATION

ITEMS WORKED THIS MONTH

- A. THE RESPONSES TO AND STATUS OF 9 CAR'S AND 28 CER'S GENERATED AS A RESULT OF QCP TASK 6 HAVE BEEN REVIEWED. (SEE COMMENTS AND CONCERNS- ITEM A)
- B. 421 EER ITEMS WERE REVIEWED TO INSURE THAT ALL OF THE PROBLEMS IDENTIFIED WERE ADEQUATELY ANSWERED AND DOCUMENTED. ALL OF THE PROBLEMS HAVE EITHER BEEN JUSTIFIED BY ANALYSIS (S&L) OR SUBSEQUENTLY DOCUMENTED ON NR'S BY QCP-6.

SUMMARY OF TASK

<u>AREA</u>	<u>TOTAL # OF ITEMS</u>	<u>ITEMS COMPLETED THIS MONTH</u>	<u>ITEMS COMPLETED TO DATE</u>	<u>PERCENT COMPLETED THIS MONTH</u>	<u>PERCENT COMPLETED TO DATE</u>	<u>MANHOURS EXPENDED THIS MONTH</u>	<u>MANHOURS REMAINING</u>
CABLE TRAYS	1,456(TR) 9,256(UN)	0	9,256(UN)	0	100	0	0
REINSP. OF POWER TRAYS	954(TR) 3,884(UN)	0	3,884(UN)	0	100	0	0
SLEEVE & FLR.PENETR.	358 (Records)	166 (Records)	358 (Records)	0	100	0	0
ASSOC. CABLES	392	0	392	0	100	0	0
REVIEWS & FINAL DRAFT PREPARATION	-	-	-	-	50	120	-
TOTAL	13,890	166 (Records)	13,890 (Records)	4	99	120	0

NONCONFORMANCE SUMMARY

- A. A TOTAL OF 1,233 NONCONFORMANCE REPORTS HAVE BEEN WRITTEN FOR SEPARATION, IDENTIFICATION, AND ROUTING DEFICIENCIES. 883 NR'S HAVE BEEN DISPOSITIONED TO DATE. 505 NR'S ARE OPEN AND ARE DISPOSITIONED AS FOLLOWS: 337 REWORK, 70 REPAIR, 164 ACCEPT-AS-IS. 278 OF THE 883 DISPOSITIONED NR'S HAVE BEEN CLOSED. 16 NR'S WERE CANCELLED BECAUSE OF DUPLICATION. 334 NR'S HAVE NOT BEEN DISPOSITIONED.

QUALITY CONFIRMATION PROGRAM

TASK VI - CONT'D.

COMMENTS AND CONCERNS

- A. QCP-6 CAR/CER RESPONSES RECEIVED APPEAR TO BE INADEQUATE, FURTHER REVIEW IS REQUIRED.
- B. QAD IS PRESENTLY CONDUCTING A REVIEW OF CG&E ELECTRICAL NR'S THAT HAVE BEEN DISPOSITIONED TO VERIFY THAT THE DISPOSITIONS ARE ADEQUATE UNDER PRESENT SEPARATION CRITERIA. CURRENTLY AWAITING THE RESULTS OF THIS REVIEW.

MANPOWER SUMMARY

TASK COORDINATOR	<u>ACTUAL</u> 1
TOTAL	<u>1</u>

STATUS

THIS TASK IS APPROXIMATELY 99% COMPLETE.

ESTIMATED COMPLETION DATE

AUGUST 31, 1983

QUALITY CONFIRMATION PROGRAM

TASK VII: NONCONFORMANCE REPORTS

ITEMS WORKED THIS MONTH

- A. 45 VOIDED NR'S WERE FINAL REVIEWED. ALL 45 NR'S WERE ACCEPTABLE AND ARE READY FOR THE REVIEW COMMITTEE.
- B. 176 SR'S WERE FINAL REVIEWED. ALL 176 SR'S WERE ACCEPTABLE AND READY FOR COMMITTEE.
- C. NRC HAS COMPLETED AN IN DEPTH REVIEW OF VOIDED NR COMMITTEE MEETINGS NOS. 009, 010, 011, AND 012.
- D. A COMPREHENSIVE LISTING OF PAST QC INSPECTORS AND THEIR KNOWN OR SUSPECTED ADDRESSES HAS BEEN COMPILED AND TURNED OVER TO THE ASSISTANT DIRECTOR - QCP. THE CG&E LEGAL DEPARTMENT HAS REWRITTEN THE LETTER TO PAST QC INSPECTORS. THE LETTER IS NOW READY TO BE SENT VIA REGISTERED MAIL TO THOSE INDIVIDUALS WHO DID NOT ORIGINALLY RECEIVE OR WERE NOT SENT THE LETTER.
- E. CORRECTIVE ACTION TO CORRECTIVE ACTION REQUEST 83-66 CONCERNING THE REVIEW OF ALL VOIDED NR'S FOR POTENTIAL REPORTABILITY OF DEFICIENCIES UNDER 10CFR50.55(e) AND 10CFR21 IS STILL IN PROGRESS AND NOW 85% COMPLETE. THIS FUNCTION STILL REQUIRED A CG&E QUALITY ENGINEERING REVIEW AND IS RESCHEDULED FOR COMPLETION ON AUGUST 31, 1983.

SUMMARY OF TASK

<u>AREA</u>	<u>TOTAL # OF ITEMS</u>	<u>ITEMS COMPLETED THIS MONTH</u>	<u>ITEMS COMPLETED TO DATE</u>	<u>PERCENT COMPLETED THIS MONTH</u>	<u>PERCENT COMPLETED TO DATE</u>	<u>MANHOURS EXPENDED THIS MONTH</u>	<u>MANHOURS REMAINING</u>
VOIDED NR REVIEW SECONDARY	1,318	45	1,181	3.4	89.6	576	295
SURVEILLANCE REPORT REVIEW SECONDARY	3,422	176	458	5.1	13.3	220	1,547
PUNCHLIST REVIEW	(Appx.) 25,000	0	4,618	0	18	0	4,000
CLOSED NR REVIEW	300	0	50	0	17	0	1,200
NR'S FROM INSPECTORS	UNKNOWN	0	0	(NO NR'S RECEIVED THIS MONTH)			200
TOTAL	30,040	221	6,307	1	73	796	7,242

* SEE "B" UNDER COMMENTS & CONCERNS

QUALITY CONFIRMATION PROGRAM

TASK VII - CONT'D.

NONCONFORMANCE SUMMARY

288 NR'S HAVE BEEN WRITTEN TO DATE (233 FROM REVIEW OF NR'S AND 55 FROM REVIEW OF SR'S). 32 NR'S HAVE BEEN DISPOSITIONED. 20 ACCEPT AS IS, 10 REWORK, 2 REPAIR, 2 REJECT. (NOTE: SOME NR'S HAVE MULTIPLE DISPOSITIONS.) 5 NR'S HAVE BEEN CLOSED. IT SHOULD BE NOTED THAT 125 NR'S ARE ON HJK HOLD FOR ZAPO-7 AND NOW SHOW NO DISPOSITION STATUS.

COMMENTS AND CONCERNS

N/A

STATUS

THIS TASK IS APPROXIMATELY 73% COMPLETE.

ESTIMATED COMPLETION DATE

DECEMBER 31, 1983

QUALITY CONFIRMATION PROGRAM
TASK VIII: DESIGN VERIFICATION

ITEMS WORKED THIS MONTH

- A. THE DRAFT REPORT HAS BEEN REVIEWED BY NED AND COMMENTS SUBMITTED TO QCP.
- B. QCP IS PARTICIPATING IN THE CLOSE OUT OF PAST AUDIT FINDINGS WRITTEN AGAINST SARGENT AND LUNDY.
- C. A CAR HAS BEEN WRITTEN COVERING DEVIATIONS FROM THE FSAR. A VERIFICATION AUDIT WILL BE PERFORMED BY QCP AND CG&E AUDITING WHEN SARGENT AND LUNDY HAS COMPLETED THEIR CORRECTIVE ACTIONS TO ANSWER THE CAR.

SUMMARY OF TASK

N/A

NONCONFORMANCE SUMMARY

1 CAR HAS BEEN WRITTEN

STATUS

THIS TASK IS APPROXIMATELY 99% COMPLETE

ESTIMATED COMPLETION DATE

SEPTEMBER 15, 1983

QUALITY CONFIRMATION PROGRAM

TASK IX: DESIGN DOCUMENT CHANGES

ITEMS WORKED THIS MONTH

- A. REVIEWED DDC UPDATES TO DETERMINE THE AFFECT ON PREVIOUSLY COMPLETED DDC REVIEWS.
- B. PROCEDURE QCPP 9.15, REV. 0 WAS REVIEWED, APPROVED AND ISSUED.
- C. TASK IX COMPARED OUR SAFETY CLASSIFICATION INFORMATION WITH THE S&L COMPUTER LISTING OF DDC'S AND TRANSMITTED THE RESULT OF THE REVIEW TO GCD.
- D. REVIEWED AND PROCESSED CANCELLATION REQUESTS FOR TEN (10) NR'S.
- E. PARTICIPATED IN NED'S ELECTRICAL SEPARATION PRESENTATION TO THE NRC.
- F. PREPARED A CER/CAR LOG FOR TASK IX GENERATED CER/CAR(S)

SUMMARY OF TASK

<u>APEA</u>	<u>TOTAL # OF ITEMS</u>	<u>ITEMS COMPLETED THIS MONTH</u>	<u>ITEMS COMPLETED TO DATE</u>	<u>PERCENT COMPLETED THIS MONTH</u>	<u>PERCENT COMPLETED TO DATE</u>	<u>MANHOURS EXPENDED THIS MONTH</u>	<u>MANHOURS REMAINING</u>
PHASE I	19,711	0	18,733	0	95	120	0
PHASE II	9,111	0	3,925*	0	43	562	30,777
PHASE IA	2,600	0	854	0	33	0	139
PHASE IIA	2,200	0	702*	0	32	0	3,767
TOTAL	33,622	0	24,214*	0	44	682	34,641

* NOTE: THESE ITEMS REFLECT PARTIAL REVIEWS THAT HAVE BEEN COMPLETED.

NONCONFORMANCE SUMMARY

<u>PROBLEM/DEFICIENCY</u>	<u>ELECT.</u>	<u>MECH.</u>	<u>STRUCT.*</u>	<u>TOTAL</u>
1. MISSING DOCUMENTATION	32	-	439	471
2. DDC MIS-CLASSIFICATION	13	-	3	16
3. INSPECTION PROGRAM DEFICIENCIES & MISC.	51	-	38	89
4. DDC NOT INCORPORATED IN DOCUMENTATION	103	11	456	570
5. INSPECTION PRIOR TO BEING WRITTEN (AS BUILT)	3	-	-	3
6. INCOMPLETE INSPECTION	8	-	22	30
TOTAL	210	11	958	1,179

* INCLUDES WY&B DDC'S

QUALITY CONFIRMATION PROGRAM

TASK IX - CONT'D.

COMMENTS AND CONCERNS

- A. TASK IX IS STILL WAITING FOR HJK TO RESPOND TO CAR'S IN ORDER TO COMPLETE SOME DDC REVIEWS. IN LIEU OF THIS, TASK IX IS INVESTIGATING OTHER POSSIBILITIES.
- B. THE INFORMATION CONTAINED IN THE S&L COMPUTER LISTING OF DDC'S IS STILL INCOMPLETE.
- C. TASK IX HAS RECEIVED MANY UNSATISFACTORY RESPONSES TO CER'S.

MANPOWER SUMMARY

	PHASES I, II, IA, IIA
ENGINEERS (INCLUDING TASK COORDINATOR)	3
DOCUMENT REVIEWERS	3
CLERKS	<u>1</u>
	7

STATUS

THIS TASK IS APPROXIMATELY 44% COMPLETE.
(NOT INCLUDING SUBTASK 3)

ESTIMATED COMPLETION DATE

FEBRUARY 29, 1984

QUALITY CONFIRMATION PROGRAM

TASK IX - SUBTASK III

THE PRESENT SCOPE OF TASK IX, SUBTASK III IS TO PERFORM THE INSPECTION OF WELDS ON THE 125 HANGERS (75 CONDUIT HANGERS, 50 CABLE TRAY HANGERS) PER THE S&L PROPOSED REINSPECTION PROGRAM FOR CABLE TRAY AND CONDUIT SUPPORT WELDING (REF. LETTER SLC 28268). THIS INSPECTION IS BEING CONDUCTED PER PROCEDURE QCPP 9.46. INSPECTIONS BEGAN 6/21/83 AND WILL BE COMPLETED BY 8/5/83.

ITEMS COMPLETED TO DATE

A. 125 HANGER INSPECTION PACKAGES PREPARED.

B. TOTAL HANGERS COMPLETED = 117 (SEE NOTE)

TOTAL HANGERS ACCEPTED = 32

TOTAL HANGERS REJECTED - 81

THERE ARE 8 HANGERS REMAINING TO INSPECT.

NOTE: THERE ARE 4 HANGERS WHICH CAN NOT BE INSPECTED AND PER SARGENT AND LUNDY IT WILL NOT BE NECESSARY TO SUBSTITUTE DIFFERENT HANGERS FOR INSPECTION.

SUMMARY OF TASK

<u>AREA</u>	<u>TOTAL # OF ITEMS</u>	<u>ITEMS COMPLETED THIS MONTH</u>	<u>ITEMS COMPLETED TO DATE</u>	<u>PERCENT COMPLETED THIS MONTH</u>	<u>PERCENT COMPLETED TO DATE</u>	<u>MANHOURS EXPENDED THIS MONTH</u>	<u>MANHOURS REMAINING</u>
SAMPLE INSP.	125	75	117	60	93.6	326	698
INSPECTION	714	0	124*	0	17.3*	0	8,000
LEVEL II DOC REVIEW	714	0	121*	0	17 *	0	2,000
ADMINISTRATIVE (SEE NOTE)	-	-	-	-	-	142	-
TOTAL	1,553	75	362	60	17	468	10,698

* THE REPORTED FIGURES OF 124 AND 17.3%, 121 AND 17.0% REFLECT PARTIAL INSPECTIONS THAT HAVE BEEN COMPLETED.

NOTE: ADMINISTRATIVE INCLUDES NR AND CER PREPARATION AND PROCESSING, PROCEDURE PREPARATION, INSPECTION PACKAGE PREPARATION, DDC REVIEW, MEETINGS ATTENDED, ETC.

QUALITY CONFIRMATION PROGRAM

TASK IX - SUBTASK III - CONT'D.

NONCONFORMANCE SUMMARY

TOTAL NUMBER OF NONCONFORMANCES, CER'S, CAR'S WRITTEN TO DATE:
NONCONFORMANCE REPORTS - 211 WRITTEN, 7 DISPOSITIONED TO DATE
CONDITION EVALUATION REQUESTS (CER'S) - 25 WRITTEN
24 OF THESE CER'S HAVE BEEN RESPONDED TO. 1 CER HAS NOT BEEN
ANSWERED. 8 CAR'S GENERATED.

COMMENTS AND CONCERNS

N/A

MANPOWER SUMMARY

QUALITY SPECIALISTS	<u>ACTUAL</u> 1
INSPECTORS	<u>2</u>
TOTAL	3

STATUS

- A. THIS SUBTASK IS APPROXIMATELY 93.6% COMPLETE WITH INSPECTION OF WELDS ON THE 125 HANGERS PER THE S&L PROPOSED REINSPECTION PROGRAM FOR CABLE TRAY AND CONDUIT SUPPORT WELDING.
- B. THIS SUBTASK IS APPROXIMATELY 17% COMPLETE WITH ORIGINAL SCOPE OF WORK, WHICH IS INSPECTION OF THE CABLE TRAY HANGERS, CONDUIT HANGERS AND CONDUITS IN THE MAIN CONTROL ROOM.

QUALITY CONFIRMATION PROGRAM

TASK X: SUBCONTRACTOR QA PROGRAMS

ITEMS WORKED THIS MONTH

- A. TASK X PERSONNEL COMPLETED THE REVIEW OF ALL QUALITY AUDIT REPORTS.
- B. TASK PERSONNEL HAVE REVIEWED 16 OF THE 20 SUBCONTRACTORS Q.A. MANUALS, AND EVALUATIONS WILL BE MADE.
- C. TASK X OBTAINED ALL BUT FOUR (4) OF THE MISSING Q.A. PROGRAM MANUALS.

SUMMARY OF TASK

<u>AREA</u>	<u>TOTAL # OF ITEMS</u>	<u>ITEMS COMPLETED THIS MONTH</u>	<u>ITEMS COMPLETED TO DATE</u>	<u>PERCENT COMPLETED THIS MONTH</u>	<u>PERCENT COMPLETED TO DATE</u>	<u>MANHOURS EXPENDED THIS MONTH</u>	<u>MANHOURS REMAINING</u>
EST. SUBCON. AUDITS:	76	0	76	0	100%	0	0
PRELIM. AUDIT REVIEWS:	76	0	76	0	100%	0	0
QA PROGRAM REVIEWS	20	3	16	15%	80%	60	52
FORMAL AUDIT REVIEWS	91	41	91	45%	100%	168	0
QA PROGRAM EVALUATIONS:	20	0	0	0	0	0	1320
TOTAL	283	44	259	10%	70%	228	1372

NONCONFORMANCE SUMMARY

N/A

COMMENTS AND CONCERNS

- A. 1 ADDITIONAL PERSON COMPLETED HIS ASSIGNMENT TO TASK X AND XI.
- B. THE DIFFICULTY IN OBTAINING Q.A. PROGRAM MANUALS THAT WERE FOUND TO BE MISSING FROM THE ZPS-1 SITE COULD HAVE A NEGATIVE IMPACT ON THE TIMELY COMPLETION OF TASK X.

STATUS

THIS TASK IS 70% COMPLETE.

ESTIMATED COMPLETION DATE

SEPTEMBER 30, 1983

QUALITY CONFIRMATION PROGRAM

TASK XI: AUDITS

ITEMS WORKED THIS MONTH

- A. TASK XI PERSONNEL CONTINUED THEIR REVIEW OF THE CG&E AUDITS WITH EMPHASIS ON THE CG&E AUDITS OF H. J. KAISER.
- B. TASK XI PERSONNEL ARE COMPLETING "AUDIT FINDING CLOSE-OUT" ANALYSIS FORMS FOR EACH CG&E AUDIT REVIEW.

SUMMARY OF TASK

AREA	TOTAL # OF ITEMS	ITEMS COMPLETED THIS MONTH	ITEMS COMPLETED TO DATE	PERCENT COMPLETED THIS MONTH	PERCENT COMPLETED TO DATE	MANHOURS EXPENDED THIS MONTH	MANHOURS REMAINING
AUDITS*	329	0	329	0	100%	0	0
ORGANIZATIONS	7	0	5	0	100%	0	0
PRELIM. REVIEWS*	329	0	329	0	100%	0	0
FORMAL AUDIT REVIEWS	336	120	130	35.5%	39%	230	378
FINDING CLOSEOUT	336	130	130	39%	39%	250	358
FINAL EVALUATIONS	336	0	0	0	0	0	1,700
TOTAL	1,673	250	923	11%	63%	480	2,436

* ESTIMATED

NONCONFORMANCE SUMMARY

N/A

COMMENTS AND CONCERNS

A. SAME AS TASK X A.

STATUS

THIS TASK IS 63% COMPLETE

ESTIMATED COMPLETION DATE

SEPTEMBER 30, 1983

QUALITY CONFIRMATION PROGRAM

TASK XII: BOLTING

- A. STILL AWAITING REINSPECTION PROGRAM FROM NED AND SARGENT AND LUNDY.
- B. PROCEDURE HAS BEEN WRITTEN, QCPP 9.47, QUALITY VERIFICATION OF SEISMIC CATEGORY I - STRUCTURAL STEEL. ESTIMATED PROCEDURE APPROVAL DATE IS AUGUST 15, 1983.
- C. PROCEDURE IS BEING WRITTEN FOR QCP INSPECTION OF BOLTING. ESTIMATED APPROVAL DATE IS SEPTEMBER 1, 1983.

TASK XIII: MASONRY WALLS

A MEETING WAS HELD ON 7/26/83 WITH SARGENT AND LUNDY, NED, QAD, BECHTEL, AND QCP. IT WAS DECIDED THAT ENGINEERING WILL MAKE AN EFFORT TO SURVEY ALL DOCUMENTS, RELATED TO MASONRY WALLS, WHICH ARE AVAILABLE AT SITE. S & L IS REQUIRED TO PREPARE A PROGRAM AND A SCOPE TO VERIFY THE MASONRY WALLS. DATE FOR FORWARDING THIS PROGRAM TO SITE WAS NOT IDENTIFIED BUT WILL BE BEFORE SEPTEMBER 30, 1983.

TASK XIV: SEISMIC COLUMNS

STILL AWAITING RESPONSE FROM NED ON ACTION TO BE TAKEN FOR THE REINSPECTION PROGRAM.

TASK XV: COATINGS

CG&E HAS EVALUATED REPORTS SUBMITTED BY KTA-TATOR, INC. AND SARGENT & LUNDY ENGINEERS ON THE ADEQUACY OF THE SERVICE LEVEL I COATINGS AND HAS CONCLUDED THAT REMOVAL AND REPLACEMENT OF THESE COATINGS IS NECESSARY EXCEPT FOR A SMALL AMOUNT WHICH IS INACCESSIBLE.

QUALITY CONFIRMATION PROGRAM

TASK XVI: SEISMIC INTERACTION

WALKDOWN FOR SEISMIC INTERACTION STARTED ON 7/14/83 IN THE SERVICE WATER PUMP STRUCTURE AND DIESEL GENERATOR ROOM.

TOTAL OF 298 WALKDOWNS PERFORMED.

OVER 300 CCV'S IDENTIFIED.

TOTAL OF 28 WALKDOWN SURVEILLANCES PERFORMED.

TOTAL OF 4 REJECTIONS IDENTIFIED IN SURVEILLANCE.

1 SURVEILLANCE OF CCV/PIR ANALYSIS DONE.

(COMPLETION 7½ MONTHS FROM 7/14/83)



TORREY PINES TECHNOLOGY

PO. Box 85608
San Diego, California 92138
Telephone: (619) 455-2654

A Division of GA Technologies Inc.

August 9, 1983
Project 2474
TPT:CG&E-021

PRINCIPAL STAFF	
RA	ENF
D/RA	SCS <i>light</i>
A/RA	PAO
DPRP	SLO
DR/IA	RC
DRMSP	
DE	
ML	
OL	FILE <i>610</i>

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

Dear Mr. Dickhoner:

Enclosed is the biweekly status report on our Independent Review of ZIMMER Project Management, covering the period July 16, through July 29, 1983.

Copies of this report are being sent to the U.S. Nuclear Regulatory Commission in accordance with the "Protocol Governing Communications between CG&E and Independent Organizations Conducting Reviews or Audits under the Commission's Order," Docket No. 50-358.

If you have any questions regarding the contents of this report, please call me.

Sincerely,

A. J. Neylan
Project Manager

Enclosure

Copies w/Encl.

✓ J. G. Keppler	(NRC)
J. Lieberman	(NRC)
J. H. Snizek	(NRC)
J. C. Stone	(NRC)
W. J. Ward	(NRC)
J. Williams, Jr.	(CG&E)
Director, Office of Special Cases	(NRC)
Zimmer Project Inspector	(NRC)
Zimmer Section Chief	(NRC)
Zimmer Sr. Resident Inspector	(NRC)

AUG 12 1983

ATTACHMENT III

INDEPENDENT REVIEW OF
ZIMMER PROJECT MANAGEMENT

BIWEEKLY STATUS REPORT NO. 7
FOR THE
PERIOD ENDING JULY 29, 1983

The status report below is in reference to the Torrey Pines Technology Program Plan, document number GA-C17044, Revision A, "Independent Review of ZIMMER Project Management," dated May, 1983.

Work was concentrated on the evaluation of alternative organizations including the recent input from CG&E and the review of the Bechtel draft report referenced in the last report.

During this period, G. Wessman and A. Neylan of Torrey Pines Technology met with the following:

NRC	-	J. Keppler, B. Davis, R. Warnick, E. Schweibinz (Region III) and J. Stone (Bethesda)
CG&E	-	W. Dickhoner and J. Williams
CEAC	-	D. Altman, B. Suits, and M. Freemont
AEP	-	W. White, J. Dolan, and J. Dobbs
GAP	-	T. Devine
Udall Congressional Staff	-	H. Myers, F. Parshley

The purpose of the meetings was to provide the status of the report and describe, in summary, sixteen alternative organizations TPT was evaluating. Feedback was requested on any additional alternative(s) which, from the perspective of other organizations, was considered pertinent, or to identify particular aspects of the sixteen which TPT should ensure be considered. No recommendation or conclusions on the report were provided at any meeting.

Biweekly Status Report No. 7
for the Period Ending July 29, 1983
Page Two

At the meeting with Devine, GAP, TPT received additional documentation for consideration concerning MVPP/GAP's petition to NRC to re-open licensing hearings on Zimmer, which included additional affidavits from whistleblowers.

As of July 29, 9050 manhours have been expended on this review of the Zimmer Project Management. The volume of documents for review and the number of outside personnel to be interviewed have been greater than anticipated; the project was approximately three weeks behind the Project Schedule given in the revised Program Plan.



TORREY PINES TECHNOLOGY

PO Box 85608
San Diego, California 92138
Telephone (619) 455-2854

A Division of GA Technologies Inc.

August 19, 1983
Project 2474
TPT:CG&E-022

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

Dear Mr. Dickhoner:

Enclosed are twenty-four (24) copies of TPT's final report No. GA-C17173 entitled "Independent Review of Zimmer Project Management" dated August, 1983.

The report is in two volumes:

- Volume 1: The Executive Summary - presents a top level summary of the work done, results, observations, conclusions, and recommendations.
- Volume 2: The Discussion Volume - presents a more detailed description of the review and evaluation tasks, the information obtained and analyzed, and detailed observations, conclusions and recommendations.

In accordance with NRC's protocol, copies of the report have been simultaneously mailed to NRC representatives identified by Mr. Keppler's staff.

In accordance with your request, twenty-two (22) additional copies for public distribution will be sent as soon as printing is completed.

We are available to discuss the contents of the report at your convenience. If you have any questions, please call.

Sincerely,

A. J. Neylan
Project Manager

Enclosure

AUG 20 1983

Mr. W. H. Dickhoner
CG&E-022
Page Two

Copy w/Enclosure

NRC

J. G. Keppler
J. Lieberman
J. H. Sniezek
J. C. Stone
W. J. Ward
Director, Office of Special Cases
~~Zimmer Sr. Resident Inspector~~
Zimmer Section Chief
Zimmer Sr. Resident Inspector

CG&E

S. Frantz
J. Newman
W. Wegner
J. Williams, Jr.

LIST OF INDIVIDUALS WHO RECEIVED COPIES OF THE TORREY PINES TECHNOLOGY REPORT

James R. Williams
Chief of Staff
Ohio Disaster Services Agency
2825 W. Granville Road
Worthington, OH 43085

Mr. Robert Acomb, President
Energy Ratepayers United, Inc.
1045 W.8th Street
Cincinnati, OH 45203

Dr. David Fankhauser
P.O. Box 279
233 E. Main Street
Batavia, OH 45103

Mr. Phillip W. Amadon, Chairperson
Coalition for Affordable, Safe Energy
2523 Hemlock
Cincinnati, OH 45206

Cincinnati Alliance for Responsible Energy
2270 Vine Street
Cincinnati, OH 45219

Honorable Thomas Brush
Mayor of Cincinnati
City Hall Room 150
801 Plum Street
Cincinnati, OH 45202

D. David Altman, Chairperson
Environmental Advisory Council
414 Walnut
Mercantile Library Bldg., Suite 1006
Cincinnati, OH 45202

Mr. Thomas Devine
Government Accountability Project
1901 Que Street, N.W.
Washington, D.C. 20009

Mr. Paul Ryder, Administrative
Assistant for Policy Development
Ohio Governor's Office
State House
Columbus, OH 43215

Ms. Gretchen Hummel
Ohio Public Utilities Commission
375 South High Street
Columbus, OH 43215

Honorable Eugene Holland
Mayor of Moscow
79 Elizabeth Street
P.O. Box 93
Moscow, OH 45153

HENRY J. KAISER COMPANY

LAKESIDE DRIVE • P O BOX 23210 • OAKLAND, CALIFORNIA 94623

August 2, 1983



Mr. C. J. Gomez, Project Engineering Admin.
THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS
United Engineering Center
Accreditation Department
Mail Stop 8A
345 E. 47th Street
New York, NY 10017

Subject: ASME Certificates of Authorization
NA & NPT (N-1436 & N-1437) at the
William H. Zimmer Nuclear Power
Station, Unit #1, Moscow, OH

Ref: Your letter of July 25, 1983

Dear Mr. Gomez:

The reference, received on August 1, 1983, has been signed indicating agreement with the conditions established by the ASME Subcommittee of Nuclear Accreditation for retention of certificates of authorization N-1436 and N-1437 by Henry J. Kaiser Company. We understand the conditions stated:

- (1) That an announced audit will be performed at a time to be established by you and within approximately 90 days.
- (2) That Henry J. Kaiser Company is responsible to provide notification of planned resumption of code work at Zimmer Station to allow scheduling of an announced audit to be conducted by a full ASME survey team.

We are very pleased with the decision of the subcommittee and will be prepared for your visits.

Sincerely,

HENRY J. KAISER COMPANY

A handwritten signature in black ink, appearing to read "D. L. Howard".

D. L. Howard
Director, Quality Assurance Programs

DLH:cm

cc: Hartford Steam Boiler



The American Society of Mechanical Engineers

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212-705-7812 • TWX-710-551-5267 • C.A.I.F. 212-705-7674

CERTIFIED MAIL #P 441 477 461
RETURN RECEIPT REQUESTED

July 25, 1983

Mr. D. L. Howard, Dir., QA Prog.
H. J. Kaiser Inc.
300 Lakeside Drive
Oakland, CA 94623

Subject: ASME Certificates of Authorization
NA & NPT (N-1436 & N-1437) at the
William H. Zimmer Nuclear Power
Station, Unit #1, Moscow, OH

Dear Mr. Howard:

Reference is made to our letter of June 16, 1983, concerning the results of the ASME Nuclear Audit conducted at the subject location on March 24-25, 1983, and inviting you to appear before the ASME Subcommittee on Nuclear Accreditation (SC-NA) to show cause why your subject ASME authorizations should not be withdrawn.

This subject was discussed at the July 21, 1983 meeting of the SC-NA at the Drake hotel, in Chicago, Illinois. At this meeting you agreed that the findings of the Audit were in substance accurate.

After due consideration of the facts in the matter as presented to the SC-NA, the decision of the Subcommittee is that the H. J. Kaiser Inc. be permitted to retain their NA & NPT Certificates of Authorization (N-1436 & N-1437) subject to their acceptance of the following conditions:

- (1) an announced audit, at Company expense, to be conducted in approximately ninety (90) days by an ASME Consultant, Team Leader, and representatives of the National Board and Authorized Inspection Agency (AIA), Hartford Steam Boiler Inspection and Insurance Co., for the purpose of verifying the completion of corrective action required to resolve all findings noted as a result of the ASME Audits conducted on March 22-24, 1982 and March 24-25, 1983; and
- (2) an announced audit, at Company expense, to be conducted at such time as Code work resumes by a full survey size team for the purpose of reviewing the entire QA Program and its implementation.

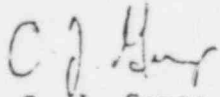
Mr. D. L. Howard, Dir., QA Prog.
H. J. Kaiser Inc.
July 25, 1983

Page 2

We ask that you sign the duplicate copy of this letter and return it to the attention of the undersigned within ten (10) days.

If you disagree with the decision above and wish to request reconsideration or wish to appeal, you must make your intentions known, in writing, to be received by this office within five (5) working days of receipt of this letter. Your request for reconsideration or appeal must include the reasons upon which the reconsideration or appeal is based.

Sincerely,

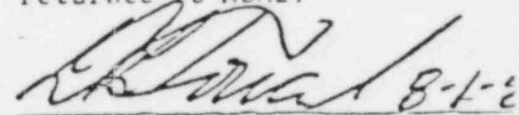


C. J. Gomez
Project Engineering Administrator
ASME Accreditation Department
(212) 705-7646

CJG:lin

cc: AIA - Hartford Steam Boiler
Chmn, SC-NA

Note: I agree with the conditions stated regarding the two (2) audits and so indicate by signature on the copy to be returned to ASME.



D. L. Howard, Dir., QA Progr.