

THE CINCINNATI GAS & ELECTRIC COMPANY



CINCINNATI, OHIO 45201

June 3, 1983  
LOZ-83-0041

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,

Attached is one copy of the Quality Confirmation Program (QCP) April 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 myself or Mr. G. C. Ficke, Director, Nuclear Licensing at (513) 553-6844.

Very truly yours,

THE CINCINNATI GAS & ELECTRIC COMPANY

By *J. Williams, Jr.*  
J. WILLIAMS, JR.  
SENIOR VICE PRESIDENT

DJS/sfr

JUN 14 1983 Add: W. H. Hauer

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Mr. J.G. Keppler  
Regional Administrator  
June 3, 1983  
LOZ-83-0041  
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cc: NRC Office of Inspection & Enforcement  
Washington, D.C. 20555  
ATTN: J. H. Snizek  
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

## APRIL REPORT

### QCP SUMMARY

- Task 1 Structural Steel - This task is currently staffed with 17 people working mainly in the Reactor and Service Water Building. This task is currently estimated to be 62% complete.
- Task 2 Weld Quality - This task is currently staffed with 6 people working final small bore weld rod heat traceability and weld procedure and welder qualification reviews. This Task is estimated to be 60% complete.
- Task 3 Heat Number Traceability - This task is currently staffed with 8 people working mostly on the Purchase Order Review. This Task is estimated to be 33% complete.
- Task 4 Socket Weld Disengagement - This task is currently staffed with 2 people, mostly working on the Review of Document Packages. 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 NRC Region III, the National Board & the State of Ohio and is pending final approval. This task is essentially complete.
- Task 6 Cable Separation - This task is currently staffed with 5 people working mainly on the cable tray inspection in the Auxiliary Building and the reinspection of power trays in the Auxiliary and Reactor Buildings. This task is currently estimated to be 85% complete.
- Task 7 Nonconformance Reports - This task is currently staffed with 9 people working mainly on the Voided NR and Surveillance Report (SR) review. This task is currently estimated to be 70% complete.
- Task 8 Design Control and Verification - This task was originally supported by Sargent and Lundy (S&L). The draft report is being reviewed by MED. 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. This task is currently estimated to be 44% complete. (Not including Subtask III)
- Task 10 Subcontractor/QA Program - This task is currently staffed with 2 people, working on the evaluations of past audits reviewed of subcontractors. This task is currently estimated to be 79% complete.
- Task 11 Audits - This task is staffed with the same personnel as Task 10. The audit review has been completed and evaluations are being done. Matrices have been completed for the subcontractors under the scope of Task 11. This task is currently estimated to be 86% complete.

**QUALITY CONFIRMATION PROGRAM**

**STATUS**

**AS OF APRIL 30, 1983**

# QUALITY CONFIRMATION PROGRAM

## TASK I: STRUCTURAL STEEL

### ITEMS WORKED THIS MONTH

- A. AS PART OF THE SERVICE WATER PUMP STRUCTURE SAMPLE INSPECTION PLAN, 25 BEAM END CONNECTIONS WERE INSPECTED.
- B. 129 BEAMS WERE INSPECTED IN THE REACTOR BUILDING. 11 BEAMS WERE ACCEPTED, 118 BEAMS HAD DEFICIENCIES.
- C. 84 SPECIFIC NR'S AND 5 GENERIC NR'S WERE WRITTEN COVERING THOSE ITEMS WITH DEFICIENCIES.
- D. 11 WORK REQUESTS WERE SENT TO GCD FOR PROCESSING THIS MONTH. 16 PREVIOUS WORK REQUESTS ARE BEING WORKED. 3 WORK REQUESTS ARE COMPLETED.
- E. IN FEBRUARY, PROCEDURE 19-QA-34 WAS REVISED TO MAKE THE DOCUMENTATION PROCESS MORE EFFICIENT. THIS PROCEDURE IS STILL IN THE REVIEW CYCLE.
- F. 2 TRAINING CLASSES WERE HELD COVERING ITEMS UNDER TASK I (I.E., OPP'S).
- G. MEETINGS ARE BEING HELD WITH GCD TO HELP EXPEDITE THE WORK REQUESTS SUBMITTED BY TASK I.

### 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	322	0	41	0	4,700
REACTOR AUX.SVC. WATER BLDG.	3,190	130	2,207	4	69	455	10,000
CONTROL RM. HVAC SPTS.	105	0	56	0	53	0	450
GENERIC NR'S TO REINSPECT (BEAMS)	1,000	0	0	0	0	0	5,280
TOTAL	5,081	130	2,585	0	62	455	20,430

# QUALITY CONFIRMATION PROGRAM

## TASK I - CONT'D.

### NONCONFORMANCE SUMMARY

AREA	TOTAL NR'S WRITTEN	NR'S * DISPO- SITIONED	NR's ( ) CLOSED/ CANCELLED	NR'S ( ) PEND'G. CANCEL'N.	GENERIC NR'S	TOTAL* DEFIC- IENCIES	DEFICIENCIES*			
							AAI	REW.	REP.	REJ.
DRYWELL	318	272	17 (24)	37 (96)	0	1,006	57	813	16	0
GALLERY STL. RX. BLDG.	48	28	17 (28)	3 ( 3)	0	88	4	51	2	0
CONTROL RM. 567'5"	38	17	12 (12)	5 ( 8)	4	40	9	12	3	0
SWITCH GR. 567'5"	44	28	1 ( 1)	12 (13)	1	66	11	30	11	0
SWITCH GR. 546'	97	82	7 ( 7)	1 ( 1)	6	110	30	64	8	0
SWITCH GR. 536'0"	22	9	0 ( 0)	0 ( 0)	9	20	9	4	1	0
ROOF STEEL 591'	76	39	0 ( 0)	0 ( 0)	22	63	32	8	6	0
HVAC	58	8	1 ( 1)	0 ( 0)	0	347	35	11	1	0
CABLE SPREAD 546'	102	77	6 ( 6)	2 ( 2)	10	93	57	18	13	0
FOOT CONN.	253	-			0		139	88	15	
RX. BLDG.	96	35	0	0	4	121	38	6	1	0
SVC. WATER 451'	3	0	0	0	2	0	0	0	0	0
TOTAL	1,155	595	61 (79)	60 (123)	58	1,954	421	1,105	77	0

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

## QUALITY CONFIRMATION PROGRAM

### TASK I - CONT'D.

#### COMMENTS AND CONCERNS

- A. DOCUMENTATION OF WELD INSPECTIONS ON "GENERIC" NR'S INTENDED FOR REWORK DISPOSITION HAS BEEN EVALUATED IN LIGHT OF THE SHOW CAUSE ORDER AND THE NET REPORT (NUREG 0969). A MODIFIED PLAN TO DOCUMENT BEAM END CONNECTIONS FOR WHICH WELDS POSSIBLY MAY BE DISPOSITIONED "ACCEPT-AS-IS" BASED ON ENGINEERING CALCULATIONS BY S&L ON "SPECIFIC" NR'S WITH SUFFICIENT DETAIL HAS BEEN DEVELOPED. BEAM END CONNECTIONS FOR WHICH WELDS MUST CLEARLY BE REWORKED WILL CONTINUE TO BE DOCUMENTED ON "GENERIC" NR'S. THE DETERMINATION OF WHETHER TO INITIATE A GENERIC OR SPECIFIC NR WILL BE MADE BY AN S&L FIELD ENGINEER ACCOMPANYING THE QCP INSPECTION TEAMS. THESE NEW INSTRUCTIONS GOVERNING THIS PROCESS ARE DETAILED IN THE NEW REVISIONS OF QCPP9.28 and 9.34 WHICH ARE CURRENTLY IN THE QA REVIEW CYCLE.
- B. APPROXIMATELY 1,000 BEAMS HAVE PREVIOUSLY BEEN DOCUMENTED ON "GENERIC" NR'S BUT HAVE NOT BEEN REWORKED. THESE BEAMS WILL BE REINSPECTED AND "SPECIFIC" NR'S WRITTEN WHERE APPLICABLE.
- C. THE RANDOM SAMPLE INSPECTION OF 100 CONNECTIONS IN THE SERVICE WATER BUILDING HAS BEEN EXPANDED INTO A 100% INSPECTION.
- D. AWAITING S&L ENGINEERING TO PROVIDE QCP WITH INPUT AS TO WHAT ADDITIONAL STRUCTURAL STEEL NEEDS TO BE INCLUDED IN TASK I SCOPE FOR INSPECTION AS A RESULT OF NUREG 0969.

#### MANPOWER SUMMARY

	<u>ACTUAL</u>
TASK COORDINATOR	1
QUALITY SPECIALISTS	2
DOCUMENT REVIEWERS	4
INSPECTORS	<u>10</u>
TOTAL	17

#### STATUS

THIS TASK IS APPROXIMATELY 62 % COMPLETE.

#### ESTIMATED COMPLETION DATE

NOVEMBER 30, 1983

# QUALITY CONFIRMATION PROGRAM

## TASK II: WELD QUALITY

### ITEMS WORKED THIS MONTH

- A. REVIEWED 97 SMALL BORE PACKAGES FOR WELD ROD HEAT TRACEABILITY. 79 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. A RE-REVIEW OF 3 WELD PROCEDURES WAS DONE. (SEE ITEM A "COMMENTS AND CONCERNS") 3 CER'S WERE WRITTEN.
- C. 3 NR'S WERE WRITTEN THIS MONTH ON WELDER QUALIFICATIONS.
- D. PROCEDURE 19-QA-21 (WELDER QUALIFICATION) WAS REWRITTEN AND SUBMITTED FOR REVIEW AND COMMENT. PROCEDURE WAS REWRITTEN TO INCORPORATE THE REQUIREMENTS OF CAR 83-03.

### 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
STRUCT. KE-1 REVIEW	11,000	0	11,000	0	98	0	416
SM.BORE PIPE	32,000	0	25,878	0	79	0	0
LG.BORE PIPE	9,400(Appx)	0	0	0	0	0	1,500
WELD PROC.'S REVIEW *	91 121	0	36	0	40	0	0
REREVIEW *	91	3	14	3.3	15	40	0
ADMIN.REV.	77	12	12	15.5	15.5	40	500
WELDER QUAL*	4,600	0	2,574	0	55.9	0	0
REREVIEW	2,500	47	47	1.8	1.8	40	1,500
WELD ROD CONTROL	0	0	0	0	0	0	416
FINAL REVIEW							
SM.BORE	2,725	97	365	3.5	13.3	66	3,840
TOTAL	62,423	159	39,937	0	60	186	8,172

\* SEE ITEM D



# QUALITY CONFIRMATION PROGRAM

## TASK II - CONT'D.

### NONCONFORMANCE SUMMARY

310 NR'S GENERATED TO DATE  
97 CER'S GENERATED TO DATE

### COMMENTS AND CONCERNS

- A. A REREVIEW BY HJK AND QCP OF SPPM'S STARTED IN FEBRUARY. 3 NEW CER'S HAVE BEEN GENERATED ON SPPM'S.
- B. ADMINISTRATIVE REVIEW OF 77 SPPM'S STARTED APRIL 25, 1983.
- C. WELDER QUALIFICATION REVIEW HAS STARTED. A NUMBER OF QUALITY QA DOCUMENTS RECEIVED FROM HJK'S WELDING DEPARTMENT HAVE BEEN TRANSFERRED, SORTED AND FILED IN THE APPROPRIATE WELDER PACKAGES. TRAINING FOR ALL PERSONNEL RE-VIEWING WELDER QUALIFICATIONS HAS BEEN COMPLETED.
- D. NOTE: UNDER "AREA", IN "SUMMARY OF TASK" WELD PROCEDURE REVIEW, REREVIEW AND WELDER QUALS. NOTED BY (\*) ASTERISK ARE NOT NEEDED DUE TO THE ADMIN. REVIEW BEING PERFORMED BY QCP & TECH. REVIEW BY BECHTEL. THE STARTING OF THE REREVIEW OF WELDER QUALS, AFTER DOCUMENTATION RECEIVED FROM HJK'S WELD-ING DEPARTMENT WAS ADDED TO PACKAGES.

### MANPOWER SUMMARY

	<u>ACTUAL</u>
TASK COORDINATORS	1
INSPECTORS	0
DOCUMENT REVIEWERS	4
CLERKS	<u>1</u>
TOTAL	6

### STATUS

THIS TASK IS APPROXIMATELY 60% COMPLETE.

### ESTIMATED COMPLETION DATE

DECEMBER 31, 1983

# QUALITY CONFIRMATION PROGRAM

## TASK III: HEAT NUMBER TRACEABILITY

### ITEMS WORKED THIS MONTH

- A. 43 PURCHASE ORDERS WERE REVIEWED BY TASK III. 25 OF THESE P.O.'S WERE RETURNED TO HJK DUE TO DEFICIENCIES MISSED IN THEIR INITIAL REVIEW. THE TOTAL NUMBER OF P.O.'S ACCEPTED THIS MONTH IS 39.
- B. REVIEWED PROCEDURES DIRECTLY RELATING TO THE HJK N-5 PROGRAM DEVELOPMENT.
- C. THE QCP TASK III REPORT COVERING THE INADEQUATE INSTALLATION OF GAMMA PLUGS IS COMPLETE AND HAS BEEN SUBMITTED TO CG&E QA, CG&E GCD, AND CG&E NED.

### 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>
SM. BORE DOC.	2,725 ISK	17	69	.6	2.5	69	3,000
SM. BORE WALKDOWN	2,725 ISK	0	2,691	0	100	0	0
LG. BORE DOC	(Appx) 380 PSK	0	0	0	0	0	3,000
LG. BORE WALKDOWN	(Appx) 380 PSK	0	0	0	0	0	1,000
PURCHASE ORDER REVIEW	2,728	40	178	1.4	6.5	264	10,000
HJK STRUCT. STEEL PO'S ESS/NONESS.	1,940	0	1,940	0	95	0	40
GAMMA PLUG 50.55(e)M-56	403	0	403	0	100	0	0
TOTAL	11,284	57	5,281	0	33	33	17,040

### NONCONFORMANCE SUMMARY

THERE ARE 10 GENERIC NR'S COVERING GAMMA PLUGS AND 1 GENERIC NR COVERING SMALL BORE HEAT NUMBER TRACEABILITY. KAISER HAS GENERATED 466 NR'S, 215 DDN'S AND 17 CAR'S TO DATE COVERING PURCHASE ORDER REVIEWS.

## QUALITY CONFIRMATION PROGRAM

### TASK III - CONT'D.

#### 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.
- B. H. J. KAISER CONTINUES TO ASSIGN SMALL BORE DOCUMENTATION REVIEW PERSONNEL TO OTHER PRIORITIES. THE ITEMS COMPLETED ARE LIMITED TO THE DOCUMENTATION SUBMITTED TO TASK III FOR REVIEW. TASK III CAPABILITIES ARE IN EXCESS OF 150 ITEMS PER MONTH.
- C. MANHOURS REMAINING FOR PURCHASE ORDER REVIEW IS INCREASED TO 10,000 MAN HOURS. THIS IS NECESSARY DUE TO THE COMPLEX NATURE OF THE REVIEW OF PURCHASE DOCUMENTS.

#### MANPOWER SUMMARY

	<u>ACTUAL</u>
TASK COORDINATOR	1
TASK LEAD	2
INSPECTOR	1
DOCUMENT REVIEWERS	<u>4</u>
TOTAL	8

#### STATUS

THIS TASK IS APPROXIMATELY 33% COMPLETE.

#### ESTIMATED COMPLETION DATE

FEBRUARY 29, 1984

# QUALITY CONFIRMATION PROGRAM

## TASK IV: SOCKET WELD DISENGAGEMENT

### ITEMS WORKED THIS MONTH

- A. 170 SMALL BORE PACKAGES WERE REVIEWED. 3 NR'S WERE WRITTEN COVERING DEFICIENCIES SUCH AS: DUPLICATED WELD NUMBERS AND ALTERATIONS OF WELD SYMBOLS.

### 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	170	985	6.2	36	104	0
TOTAL	34,725	170	32,006	2	100	104	0

### NONCONFORMANCE SUMMARY

147 NR'S AND 1 CER HAVE BEEN WRITTEN TO DATE

### COMMENTS AND CONCERNS

- A. WORK ON THIS TASK HAS CEASED, AWAITING A RESPONSE BY THE NRC TO THE NED POSITION ON THE SOCKET WELD CONCERN AS DOCUMENTED IN CG&E CORRESPONDENCE DATED MARCH 8, 1983.
- B. TASK IV HAS COMPLETED THE FINAL REVIEW ON THE WR, RH, RR, SC, AND WS SYSTEMS. THE RESULTS HAVE BEEN:  
40 ADDITIONAL WELDS SENT FOR RT, 5 WHICH WERE REJECTED, 10 ACCEPTED AND 25 NO RESULTS.

### MANPOWER SUMMARY

	<u>ACTUAL</u>
DOCUMENT REVIEWERS	2
TOTAL	2

### STATUS

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

### ESTIMATED COMPLETION DATE

JUNE 30, 1983

QUALITY CONFIRMATION PROGRAM

TASK V: RADIOGRAPHS

ITEMS WORKED THIS MONTH

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

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	4250	0	4250	0	100	0	0
RADIOGRAPHS PHASE II	46	0	46	0	100	0	0
TOTALS	4296	0	4296	0	100	0	0

NONCONFORMANCE SUMMARY

N/A

COMMENTS AND CONCERNS

N/A

MANPOWER SUMMARY

PERSONNEL ASSIGNED TO TASK III SUPPORT THIS ACTIVITY.

STATUS

AWAITING APPROVAL OF FINAL REPORT BY

- 1) NRC REGION III
- 2) STATE OF OHIO
- 3) NATIONAL BOARD OF BOILER & PRESSURE VESSEL INSPECTION

# QUALITY CONFIRMATION PROGRAM

## TASK VI: CABLE SEPARATION

### ITEMS WORKED THIS MONTH

- A. 3769 UNITS OF TRAY WERE INSPECTED IN THE AUXILIARY AND REACTOR BUILDINGS. THIS INVOLVED 2903 UNITS OF REINSPECTED POWER TRAYS AND 866 UNITS OF ON-GOING CABLE TRAY INSPECTIONS. BOTH ITEMS ARE 100% INSPECTED.
- B. 41 NR'S WERE GENERATED COVERING ELECTRICAL SEPARATION VIOLATIONS FOR TRAY TO TRAY, TRAY TO CONDUIT AND OVERFILL.
- C. 68 NR'S WERE RETAGGED DUE TO DISPOSITIONS OF NR'S BEING COMPLETED OR REDISPOSITION OF NR'S BEING DONE.
- D. 200 MANHOURS WERE EXPENDED FINALIZING 1232 INSPECTION RECORDS FOR LEVEL II REVIEW. 652 HAVE BEEN SIGNED OFF BY THE LEVEL II, AND TRANSMITTED TO THE VAULT.

### 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
CABLE TRAYS (See Note C)	1456 (TR) 9256 (UN)	866(UN)	9,256(UN)	10	100	300	120*
REINSP. OF POWER TRAYS	954 (TR) 3884 (UN)	2,903(UN)	3,884(UN)	75	100	600	*
SLEEVE & FLR.PENETR.	182	0	0	0	0	0	1,880
ASSOC. CABLES	392	0	392	0	100	0	0
TOTAL	13,714	3,769	13,432	10	85	900	2,000

\* MANHOURS LEFT FOR COMPLETING DOCUMENTATION ON CABLE TRAY INSPECTION, AND REINSPECTION OF POWER TRAYS.

### NONCONFORMANCE SUMMARY

- A. A TOTAL OF 1,183 NONCONFORMANCE REPORTS HAVE BEEN WRITTEN FOR SEPARATION, IDENTIFICATION, AND ROUTING DEFICIENCIES. 783 NR'S HAVE BEEN DISPOSITIONED TO DATE. 480 NR'S ARE OPEN AND ARE DISPOSITIONED AS FOLLOWS: 309 REWORK, 69 REPAIR, 102 ACCEPT-AS-IS. 303 OF THE 783 DISPOSITIONED NR'S HAVE BEEN CLOSED. 16 NR'S WERE CANCELLED BECAUSE OF DUPLICATION. 374 NR'S HAVE NOT BEEN DISPOSITIONED.

QUALITY CONFIRMATION PROGRAM

TASK VI - CONT'D.

COMMENTS AND CONCERNS

- A. DUE TO DESIGN CRITERIA CHANGES BY S&L, PROCEDURE QCPP 9.45 HAS BEEN PREPARED AND APPROVED FOR THE REINSPECTION OF SLEEVES AND FLOOR PENETRATIONS.
- B. 100% REINSPECTION OF POWER TRAYS IN CATEGORY I STRUCTURES DUE TO THE ISSUANCE OF DDC SLE-556 REV. A (MORE STRINGENT INSPECTION CRITERIA). THE 575 POWER TRAYS AFFECTED CONSTITUTES 28% OF THE TOTAL CABLE TRAY INSPECTION.

MANPOWER SUMMARY

	<u>ACTUAL</u>
TASK COORDINATOR	1
LEAD INSPECTOR	1
INSPECTORS	<u>3</u>
TOTAL	5

STATUS

THIS TASK IS APPROXIMATELY 85% COMPLETE.

ESTIMATED COMPLETION DATE

JULY 31, 1983



## QUALITY CONFIRMATION PROGRAM

### TASK VII: NONCONFORMANCE REPORTS

#### ITEMS WORKED THIS MONTH

- A. 102 VOIDED NR'S WERE FINAL REVIEWED. ALL 102 NR'S WERE ACCEPTABLE AND ARE READY FOR THE REVIEW COMMITTEE.
- B. 43 SR'S WERE FINAL REVIEWED. ALL 43 OF THESE SR'S WERE ACCEPTABLE AND READY FOR COMMITTEE.
- C. COMMENTS MADE DURING VOIDED NR REVIEW COMMITTEE MEETING 008 ARE RESOLVED. A LETTER HAS BEEN SENT TO THE NRC FOR MEETINGS 007 AND 008, MAKING THE NR'S FROM THESE MEETINGS AVAILABLE FOR THEIR REVIEW.
- D. MEETING 009 WAS CONDUCTED DURING THIS REPORT PERIOD AND IS 98% COMPLETE. THE REMAINING 2% REPRESENTS THOSE NR'S REQUIRING ADDITIONAL TASK VII REVIEW RESULTING FROM REVIEW COMMITTEE COMMENTS. MEETING 010 HAS BEEN INITIATED AND IS 50% COMPLETE.
- E. APPROXIMATELY 40 HOURS WERE EXPENDED FOR TRAINING OF PERSONNEL.
- F. ADDRESSES OF PAST HJK INSPECTORS ARE CONTINUING TO BE RECEIVED CONCERNING NOTIFICATION OF PAST QC INSPECTORS.
- G. QCPP 9.18, REVIEW AND PROCESSING OF VOIDED NONCONFORMANCE REPORTS, CONTINUES TO BE IN THE QAD REVIEW PROCESS.
- H. QCPP 9.29, REVIEW AND PROCESSING OF CLOSED NONCONFORMANCE REPORTS  
QCPP 9.20, REVIEW OF PRE-OPERATIONAL PUNCHLIST ITEMS AND QCPP 9.43, CONTROL OF VOIDED NR MATERIAL HAVE COMPLETED THE REVIEW PROCESS AND ARE NOW RECEIVING FINAL APPROVAL SIGNATURES.
- I. TASK VII EXPENDED APPROXIMATELY THIRTY (30) HOURS ASSURING A POSSIBLE CONFLICT DID NOT EXIST CONCERNING CONTROLLED WORK AUTHORIZATIONS REQUESTS (CWAR'S) AND VOIDED NR'S REQUIRING A SECONDARY REVIEW.



# QUALITY CONFIRMATION PROGRAM

## TASK VII: CONT'D.

### 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 INITIAL	1,318	0	1,198	0	91	0	100
VOIDED NR REVIEW SECONDARY	1,318	102	1,010	8	77	705	2,500
SURVEILLANCE REPORT REVIEW	3,456	234	3,424	3	99	10	49
SURVEILLANCE REPORT REVIEW SECONDARY	3,456*	43	216	1.0	6	74	2,000
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	34,848	345	10,482	0	70	789	10,049

### STATUS

THIS TASK IS APPROXIMATELY 70% COMPLETE.

### ESTIMATED COMPLETION DATE

DECEMBER 31, 1983

## QUALITY CONFIRMATION PROGRAM

### TASK VII: CONT'D.

#### NONCONFORMANCE SUMMARY

160 NR'S HAVE BEEN WRITTEN TO DATE. 46 NR'S HAVE BEEN DISPOSITIONED. 37 ACCEPT-AS-IS, 16 REWORK, 1 REPAIR, 0 REJECT. (NOTE: SOME NR'S HAVE MULTIPLE DISPOSITIONS). 5 NR'S HAVE BEEN CLOSED.

#### COMMENTS AND CONCERNS

- A. APPROXIMATELY 96 NR'S REVIEWED AND ACCEPTED BY THE NR REVIEW COMMITTEE TO BE SUBMITTED TO NRC FOR REVIEW.
- B. "PERCENT COMPLETED TO DATE" AND "THIS MONTH" NOW REFLECT WORK ACCOMPLISHED AGAINST 1318 VOIDED DOCUMENTS. ALL VOIDED DOCUMENTS (LESS THE 120 MISSING UNIDENTIFIED VOIDED DOCUMENTS NOT IN THE POSSESSION OF TASK VII) HAVE RECEIVED AN INITIAL REVIEW. SECONDARY REVIEW OF THESE DOCUMENTS WILL CONTINUE TO BE ACCOMPLISHED TO THE PRIORITIES IDENTIFIED IN SITE COMMUNIQUE 21.
- C. HJK NR CONTROL, HJK DOCUMENT CONTROL AND THE CG&E VAULT WERE CONTACTED CONCERNING COPIES OF SR'S WHICH WERE NOT IN THE POSSESSION OF TASK VII. THIS EFFORT HAS REDUCED THE TOTAL NUMBER OF SR'S IDENTIFIED AS MISSING TO THIRTY TWO (32) DOCUMENTS. EFFORTS TO LOCATE THOSE KNOWN REMAINING DOCUMENTS WILL CONTINUE DURING THE REVIEW OF SR'S BY TASK VII.
- D. THE INITIAL REVIEW OF ALL NUMBERED AND UNNUMBERED SR'S WHICH HAVE BEEN IDENTIFIED AND IN THE POSSESSION OF TASK VII IS COMPLETE. (3,390 DOCUMENTS)

#### MANPOWER SUMMARY

	<u>ACTUAL</u>
TASK COORDINATOR	1
DOCUMENT REVIEWERS	<u>8</u>
TOTAL	9

#### STATUS

THIS TASK IS APPROXIMATELY 70% COMPLETE.

#### ESTIMATED COMPLETION DATE

DECEMBER 31, 1983

QUALITY CONFIRMATION PROGRAM

TASK VIII: DESIGN CONTROL AND VERIFICATION

ITEMS WORKED THIS MONTH

A. THE DRAFT REPORT IS BEING REVIEWED BY N.E.D. TO DATE NO COMMENTS HAVE BEEN RECEIVED.

SUMMARY OF TASK

DRAFT REPORT IS UNDER REVIEW

NONCONFORMANCE SUMMARY

N/A

COMMENTS AND CONCERNS

N/A

MANPOWER SUMMARY

THIS TASK IS SUPPORTED BY THE QCP ADMINISTRATIVE STAFF

STATUS

THIS TASK IS APPROXIMATELY 99% COMPLETE

ESTIMATED COMPLETION DATE

JULY 1, 1983

# QUALITY CONFIRMATION PROGRAM

## TASK IX: DESIGN DOCUMENT CHANGES

### ITEMS WORKED THIS MONTH

- A. REVIEW OF 77 DDC'S WAS PERFORMED AS PART OF PHASE II AND PHASE IIA.
- B. 9 HJK PROCEDURES WERE REVIEWED TO DETERMINE IF THE PROCEDURES ADDRESS THE CONCERNS OF TASK IX. THIS IS BEING DONE TO EXPEDITE CER'S WRITTEN BY THIS TASK. WE ARE CURRENTLY INVESTIGATING THE POSSIBILITY OF A MORE COMPREHENSIVE PROGRAM TO ADDRESS THE CONCERNS COVERED BY THE CER'S.

### 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>
PHASE I	19,711	0	18,733	0	95	0	78
PHASE II	9,111	12	3,925*	0	43	477	32,783
PHASE IA	2,600	0	854	0	33	0	139
PHASE IIA	2,200	65	699*	3	32	232	4,000
TOTAL	33,622	77	24,211*	0	44	709	37,000

\* 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. SEE ITEM "B" FOR "ITEMS WORKED THIS MONTH".
- B. S&L ISSUED A COMPLETE COMPUTER LISTING OF DDC'S. DOCUMENT CONTROL IS REVIEWING THE COMPUTER LISTING.

#### MANPOWER SUMMARY

	PHASES I, II, IA, IIA
ENGINEERS (INCLUDING TASK COORDINATOR)	3
DOCUMENT REVIEWERS	3
CLERKS	0
TOTAL	<hr/> 6

#### STATUS

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

#### ESTIMATED COMPLETION DATE

FEBRUARY 29, 1984

# QUALITY CONFIRMATION PROGRAM

## TASK IX - SUBTASK III

### CABLE TRAY HANGERS CONDUIT HANGERS AND CONDUITS IN THE MAIN CONTROL ROOM

#### ITEMS WORKED THIS MONTH

- A. PREPARED PROCEDURE QCPP 9.46, CABLE TRAY AND CONDUIT HANGER WELD INSPECTION, PLANNED FOR PRB WEEK 5/2/83.
- B. THE SCOPE OF QCPP 9.46 INCLUDES 75 CONDUIT HANGERS AND 50 CABLE TRAY HANGERS. THESE HANGERS ARE BEING SCOPED FOR LOCATION, WELD MAPS ARE BEING PREPARED AND A WORK REQUEST IS BEING SUBMITTED FOR THE REMOVAL OF GALVANOX AND THE ERECTION OF SCAFFOLDING.
- C. 22 NONCONFORMANCE REPORTS WERE REVIEWED AND PROCESSED PER THE RESPONSE TO CER-83-34. 25 NONCONFORMANCES WERE WRITTEN, REVIEWED AND PROCESSED PER THE RESPONSE TO CER-83-34. THE NONCONFORMANCES ARE FOR CONDUIT HANGER WELDS AND CONFIGURATION DISCREPANCIES. 1 NONCONFORMANCE WRITTEN AGAINST DDC-E7703 AND SLE-563 FOR MAKING MODIFICATION TO A HANGER WHICH WAS DELETED.

#### 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
SAMPLE INSP. INSPECTION	125 714	0 0	0 124*	0 0	0 17.3*	0 0	1,300 8,000
LEVEL II DOC. REVIEW	714	0	121*	0	17 *	0	2,000
ADMINISTRA- TIVE (See Note)	-	-	-	-	-	510	-
TOTAL	2,153	0	245*	0	17 *	510	11,300

\* 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

#### NONCONFORMANCE SUMMARY

TOTAL NUMBER OF NONCONFORMANCES, CER'S, CAR'S WRITTEN TO DATE:

NONCONFORMANCE REPORTS - 67 WRITTEN, ONE DISPOSITIONED TO DATE

CONDITION EVALUATION REQUESTS (CER'S) - 22 WRITTEN

9 OF THESE CER'S HAVE BEEN TURNED INTO CAR'S

5 OF THESE CER'S HAVE BEEN ANSWERED "CONDITION ACCEPTABLE"

8 OF THESE CER'S HAVE NOT BEEN ANSWERED

#### COMMENTS AND CONCERNS

A MEETING WAS HELD ON 3/23/83 WITH QAD, QCP, NED, GCD AND S&L. THE MEETING WAS HELD TO DETERMINE A SOLUTION FOR CONDUIT HANGER AND CABLE TRAY HANGER FIELD AND VENDOR WELD INSPECTIONS. THE PROPOSED RESOLUTION AS PRESENTED BY S&L IS THAT A RANDOM SAMPLING PROGRAM BE IMPLEMENTED FOR THE WELD INSPECTIONS. S&L PRESENTED A PROPOSED PROGRAM ON 4/12/83. PROCEDURE QCPP 9.46 IS BEING WRITTEN TO INCLUDE THE SCOPE OF THE RANDOM SAMPLING PROGRAM. THERE ARE 75 CONDUIT HANGERS AND 50 CABLE TRAY HANGERS THAT ARE TO BE INSPECTED (WELD INSPECTION ONLY) UNDER THE SAMPLING PROGRAM.

#### MANPOWER SUMMARY

	<u>ACTUAL</u>
QUALITY SPECIALISTS	1
INSPECTOR	<u>3</u>
TOTAL	4

#### STATUS

THIS SUBTASK IS APPROXIMATELY 17% COMPLETE.



# QUALITY CONFIRMATION PROGRAM

## TASK X: SUBCONTRACTOR QA PROGRAMS

### ITEMS WORKED THIS MONTH

- A. IN RESPONSE TO THE QCP REQUEST (3-22-83) FOR A COMPLETE LISTING OF CG&E PURCHASE ORDERS (PER QCPP 9.40) A LISTING WAS RECEIVED ON 4-6-83.
- B. AT THE REQUEST OF CG&E QUALITY ENGINEERING, A MEETING WAS HELD TO DISCUSS THE LISTING RECEIVED IN ITEM "A" ABOVE.

AS A RESULT OF THIS MEETING IT WAS AGREED THAT GCD WOULD SUBMIT A REVISED LISTING.

### 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>
SUBCONTRACTOR AUDITS	76	0	76	0	100	0	0
AUDIT REVIEW SHEETS	76	0	76	0	100	0	0
SUBCONTRACTOR MATRICES	11	0	11	0	100	0	0
SUBCONTRACTOR EVALUATIONS	87	0	0	0	0	0	1,600
TOTAL	250	0	163	0	79	0	1,600

### NONCONFORMANCE SUMMARY

!!/A

### COMMENTS AND CONCERNS

- A. FORMAL REVIEW OF THE P.O.'S (TO SUBCONTRACTORS) WILL BE ACCOMPLISHED BY CG&E QUALITY ENGINEERING UPON RECEIPT OF THE REVISED LISTING REQUESTED FROM GCD.
- B. TASK PERSONNEL CERTIFIED AS LEVEL III DOCUMENTATION".

### MANPOWER SUMMARY

LEAD AUDITORS

### ACTUAL

2



QUALITY CONFIRMATION PROGRAM

TASK X - CONT'D.

STATUS

THIS TASK IS 79% COMPLETE.

ESTIMATED COMPLETION DATE

SEPTEMBER 31, 1983

# QUALITY CONFIRMATION PROGRAM

## TASK XI: AUDITS

### ITEMS WORKED THIS MONTH

- A. AS A RESULT OF FINALIZING THE FUNCTIONAL EVALUATION OF THE HJK AUDIT HISTORY TO DETERMINE THE POTENTIAL IMPACT ON THE KAISER ORGANIZATION, PRESENTATIONS WERE MADE TO QCP MANAGEMENT, THE QE DIRECTOR, AND THE QAD MANAGER OUTLINING THE PRELIMINARY RESULTS/FINDINGS FROM THE 175 CG&E QUALITY AUDITS OF H. J. KAISER WHICH WERE REVIEWED AND ANALYZED DURING THIS FUNCTIONAL EVALUATION.
- B. FORMAL PROJECT REVIEW AND COMMENT ON QCPP 9.41 ENTITLED "REVIEW OF CG&E AUDITS" HAS BEEN RECEIVED AND REVIEWED BY QCP TASK XI. THIS PROCEDURE IS CURRENTLY BEING HELD PENDING RESOLUTION OF THE CONCERNS DEVELOPED DURING THE TASK XI PRESENTATION TO QAD.

### 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
ORGANI- ZATIONS	7	0	5	0	100	0	0
REVIEWS	329	0	329	0	100	0	0
MATRICES	7	0	7	0	100	0	0
EVALUATIONS	329	0	0	0	0	0	1,800
TOTAL	1,009	0	670	0	86	0	1,800

### NONCONFORMANCE SUMMARY

N/A

### COMMENTS AND CONCERNS

- A. TASK PERSONNEL CERTIFIED AS LEVEL III "DOCUMENTATION".

### MANPOWER SUMMARY

SUPPORTED BY TASK X PERSONNEL

QUALITY CONFIRMATION PROGRAM

TASK XI - CONT'D.

STATUS

THIS TASK IS 86% COMPLETE

ESTIMATED COMPLETION DATE

SEPTEMBER 31, 1983