

QUALITY CONFIRMATION PROGRAM

STATUS

JANUARY 31, 1983

BY

J. F. SHAFFER

DIRECTOR, QUALITY CONFIRMATION PROGRAM

QUALITY CONFIRMATION PROGRAM

TASK I: STRUCTURAL STEEL

ACTION BEING TAKEN

- A. 100% VISUAL INSPECTION OF ACCESSIBLE STRUCTURAL STEEL BEAM FIELD WELDS, BRISTOL SHOP WELDS, RE-ENTRANT CORNERS AND WELDED CABLE TRAY FOOT CONNECTIONS.
- B. 100% OF ALL BEAMS INSPECTED ARE COMPARED TO THE DESIGN DRAWINGS AND DESIGN DOCUMENT CHANGES (DDC'S).
- C. 100% VISUAL INSPECTION OF HVAC SUPPORTS IN THE CONTROL ROOM.

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
1) DRYWELL LESS 525 ELV.	322	0	322	0	100	0	0
2) REACTOR AUX SRV WATER BLDG	2992	4	1925	.1	65	24	2402
3) CONTROL RM HVAC SPTS	105	0	49	0	47	0	336
TOTAL	3419	4	2296	0	69	0	2762

CURRENT STATUS AND RESULTS

NONCONFORMANCE (NR) SUMMARY

AREA	NR'S WRITTEN	NR'S DISPOSITIONED	GENERIC NR'S	ACCEPT AS IS	REWORK	REPAIR	REJECT
FOOT CONN.	253		0	139	88	15	0
DRYWELL	310(987)	250+(6 canc/closed)	0	39(50)	231(833)	10(15)	0
GALLERY STL	47(86)	42	0	2(2)	42(74)	2(2)	0
CONTROL RM	41(47)	32	4	20(20)	11(1)	2(2)	0
SWCHGR 567'5	43(69)	27	2	8(9)	21(29)	5(11)	0
SWCHGR 546'	93(104)	75+(5 closed)	8	26(26)	56(68)	9(9)	0
SWCHGR 536'	12(16)	6	3	6(7)	0	1(1)	0
CABLE SPRD 546'	86(99)	48	9	29(29)	14(17)	9(10)	0
ROOF STL 591'	25(28)	21	1	19(15)	1(1)	2(2)	0
HVAC	57(345)	0	0	0	0	0	0
TOTAL	967(1781)	501	27	288(158)	376(1023)	40(52)	0

NOTE: NUMBERS IN PARENTHESIS ARE THE QUANTITIES OF DEFICIENCIES RECEIVING THAT TYPE OF DISPOSITION, EXCEPT IN THE "NR'S WRITTEN" COLUMN WHERE THE TOTAL DEFICIENCIES IDENTIFIED IS SHOWN. THE ABOVE FIGURES REPRESENT ONLY THOSE NR'S ISSUED SINCE APRIL

QUALITY CONFIRMATION PROGRAM

TASK I: (CONT'D)

1982, AND DOES NOT INCLUDE GENERIC NR DEFICIENCY INFORMATION OR NR'S REQUIRING CANCELLATION DUE TO DUPLICATION.

COMMENTS

1. THE STOP WORK ORDER #82-02 STOPPING ALL WORK IN SCAFFOLDING, PAINT REMOVAL, ETC., WAS NOT LIFTED UNTIL DECEMBER 20, 1982. THE WORK REQUESTS SUBMITTED TO NPD COULD NOT BE COMPLETED UNTIL THE WEEK OF JANUARY 24.
2. THE RANDOM SAMPLE INSPECTION OF 100 CONNECTIONS IN THE SERVICE WATER BUILDING WILL RESUME UPON COMPLETION OF THE WORK REQUEST. DEFICIENCIES NOTED THUS FAR ARE PRIMARILY COSMETIC IN NATURE.

PRESENT MANPOWER SUMMARY

ACTUAL

TASK COORDINATOR	1
QUALITY SPECIALISTS	2
INSPECTORS	11
DOCUMENT REVIEWERS	<u>4</u>
TOTAL	18

STATUS

THIS TASK IS APPROXIMATELY 69% COMPLETE.

ESTIMATED COMPLETION DATE

MARCH 1, 1983

QUALITY CONFIRMATION PROGRAM

TASK II: WELD QUALITY

ACTION BEING TAKEN

- A. PERFORM 100% REVIEW OF CODE PIPING KE-1 WELD DATA SHEETS TO DETERMINE WELD ROD HEAT NUMBERS, INSPECTION STAMPS AND DATES, IDENTIFY MISSED HOLD POINTS, AND MISSING OR ALTERED DOCUMENTATION.
- B. REVIEW OF WELD PROCEDURE AND WELDER QUALIFICATION, PAST AND PRESENT.

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
1)STRUCT. KE-1 REVIEW	11,000	0	11,000	0	98	0	416
2)SM BORE PIPE	32,000	37	25,878	.11	79	104	714
	(APPX)						
3)LG BORE PIPE	9,400	0	0	0	0	0	1373
	380 PSK'S)						
4)WELD PRO- CEDURE REVIEW	91 (PROCEDURES) 121 REV'S	0	35	0	40	0	1309
5)WELDER QUAL REVIEW	4,600 (DOCUMENTS)	0	2,574	0	55.9	0	1196
5)WELD ROD CONTROL	0	0	0	0	0	0	416
TOTAL	57,121	37	39,488	.11	70	104	8124

*Note

CURRENT STATUS AND RESULTS

1. AREA #1 - HJK TO PROVIDE CORRECTIVE ACTION TO CAR ON CONCERNS ADDRESSED ON STRUCT. KE-1 CARDS.
2. AREA #2 - 19-QA-14 REVISED.
3. AREA #3 - TO BE COMPLETED, AFTER COORDINATION WITH HJK IN THEIR NPP-1 AND N-5 PROGRAMS, WHICH ARE NOT FOR FORMALIZED.
4. AREA #4 - WELD PROCEDURE REVIEWS ARE ON HOLD UNTIL ALL DOCUMENTS FROM HJK WELD ENGINEERING DEPARTMENT HAVE BEEN REVIEWED AND PLAC'D IN PROPER PROCEDURE PACKAGES FOR REVIEW AND EVALUATION. PROGRAM BEING SETUP BETWEEN CG&E & HJK TO REVIEW ALL WELD PROCEDURES TO 19-QA-22.

* NUMBERS ENTERED IN LAST MONTHS REPORT, FOR FINAL SMALL BORE REVIEW WAS IN ERROR, NUMBERS BELONG TO TASK IV. SEE TASK IV REPORT.

QUALITY CONFIRMATION PROGRAM

TASK II: (CONT'D)

5. AREA #5 - WELDER QUALIFICATION REVIEW HAS STOPPED DUE TO THE NUMBER OF QUALITY QA DOCUMENTS RECEIVED FROM HJK'S WELDING DEPARTMENT. STATUS SHALL BE DETERMINED AFTER ALL WELDER RECORDS HAVE BEEN TRANSFERRED, SORTED AND FILED IN THE APPROPRIATE WELDER PACKAGES. HJK HAS NOT COMPLETED SORTING OR FILING DOCUMENTS.
6. AREA #6 - WELD ROD CONTROL - 2 CERS HAVE BEEN GENERATED, ONE ON PROCEDURE VIOLATIONS TO CODE AND SPEC. AND AS A RESULT OF PROCEDURE REVIEW, ONE ON CALIBRATION OF EQUIPMENT.

TO BE RESOLVED

1. CONFIRM ACCEPTABLE HEAT NUMBERS ESTABLISHED BY TASK II.

<u>MANPOWER SUMMARY</u>	<u>ACTUAL</u>
TASK COORDINATORS	1/2
INSPECTORS	0
DOCUMENT REVIEWERS	4
CLERKS	<u>1/2</u>
TOTAL	5

STATUS

- * DUE TO THE AMOUNT OF ORIGINAL QUALITY QA DOCUMENTATION RETRIEVED FROM HJK'S WELDING DEPARTMENT IN THE AREA OF WELD PROCEDURES AND WELDER QUALIFICATION RECORDS, AREA'S 4, 5 and 6 UNDER SUMMARY OF TASK ARE INDETERMINATE UNTIL ALL AREAS OF CONCERN IN HJK'S WELDING DEPARTMENT HAVE BEEN REVIEWED FOR ORIGINAL QUALITY DOCUMENTS, TRANSMITTED TO HJK'S VAULT, REVIEWED AND SORTED INTO THE APPROPRIATE PACKAGES. REFERENCE 50.55(e) ITEM M-73 (WELD PROCEDURES).

ESTIMATED COMPLETION DATE

COMPLETION OF THE FINAL REVIEW OF SMALL BORE WELD ROD HEAT TRACEABILITY TO 19-QA-14 IS JUNE 1983.

- * COMPLETION OF WELDER PERFORMANCE QUALIFICATION TEST INDETERMINATE DUE TO STATUS ABOVE.
- * COMPLETION OF WELD PROCEDURE INDETERMINATE DUE TO STATUS ABOVE.

QUALITY CONFIRMATION PROGRAM

TASK III: HEAT NUMBER TRACEABILITY

ACTION BEING TAKEN

- A. PERFORM A 100% REVIEW OF SMALL BORE PIPING DOCUMENTATION AND CONDUCT A FIELD WALKDOWN OF THE SYSTEMS IDENTIFIED ON THE QCP LIST OF SAFETY-RELATED AND IMPORTANT TO SAFETY SYSTEMS.
- B. PERFORM A 100% INSPECTION AND/OR REVIEW OF DOCUMENTATION OF LARGE BORE PIPING FIELD MODIFICATIONS OF SYSTEMS ON THE SAFETY-RELATED AND IMPORTANT TO SAFETY SYSTEM LIST.
- C. PERFORM A 100% REVIEW OF ALL CODE AND STRUCTURAL PURCHASE ORDERS TO ESTABLISH A LIST OF ACCEPTABLE HEAT NUMBERS.
- D. PERFORM A REVIEW OF PURCHASE ORDERS FOR STRUCTURAL STEEL AND STEEL SHAPES TO DETERMINE IF PURCHASED ESSENTIAL OR NONESSENTIAL (THESE P.O.'S SHALL BE PART OF ACTION C). RESULTS OF THE REVIEW WILL BE USED TO ANSWER TASK I CONCERNS REGARDING ACCEPTABILITY OF STRUCTURAL STEEL.
- E. PERFORM INSPECTION AND REVIEW OF GAMMA PLUGS TO GAIN ADDITIONAL INFORMATION FOR EVALUATION AND DISPOSITION OF 10CFR50.55(e) - ITEM M-56.

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
A)SM BORE DOC	2691 ISK	0	52	0	2	24	2494
SM BORE WLKDN	2691 ISK (APPX)	0	2691	0	100	0	0
B)LG BORE DOC	380 PSK	0	0	0	0	0	4000*
LG BORE WLKDN	(APPX) 380 PSK	0	0	0	0	0	1000*
C)PURCHASE ORDER REVIEW	2728	6	82	.2	3.0	147	2616**
D)HJK STRCTL STEEL PO'S ESS/NONESS	1940	0	1940	0	95	0	40***
E)GAMMA PLUG 50.55(e)M-56	419	88	307	21	73	138	200****
TOTAL	11,229	94	5072	4	44	309	10,350

QUALITY CONFIRMATION PROGRAM

TASK III: (CONT'D)

- 1) * MANHOURS BASED ON SURVEILLING THE HJK N-5 PROCESS TO OBTAIN DATA FOR QCP COMMITMENTS.
- 2) ** INCLUDES STRUCTURAL STEEL PO'S IDENTIFIED IN ACTION D.
- 3) *** 5% REMAINING TO COMPLETE IS TO PERFORM FINAL REVIEW.
- 4)**** AN ADDITIONAL 15 GAMMA PLUGS HAVE BEEN IDENTIFIED. ADDITIONAL MANHOURS ARE TO FACILITATE WRITING NONCONFORMANCE REPORTS.

CURRENT STATUS AND RESULTS

1. 9 OUT OF 15 PO'S WERE REVIEWED AND REJECTED BACK TO HJK DUE TO DEFICIENCIES MISSED IN THEIR REVIEW. ITEMS COMPLETED REPRESENTS CONFIRMED PO'S ONLY.
2. 1940 STRUCTURAL STEEL PURCHASE ORDERS HAVE BEEN IDENTIFIED, OF THIS NUMBER, 1174 WERE ORDERED ESSENTIAL AND 766 WERE ORDERED NONESSENTIAL. APPROXIMATELY 113 PO'S WERE BOUGHT NONESSENTIAL AND ISSUED ESSENTIAL. CAR #82-102 HAS BEEN ISSUED TO HJK TO RESOLVE THESE DISCREPANCIES.
3. 307 OF 419 GAMMA PLUGS HAVE BEEN INSPECTED. NONCONFORMANCE REPORTS ARE BEING SUBMITTED ON DEFICIENCIES, AND CAR #83-22 HAS BEEN ISSUED TO HJK TO IMPLEMENT A PROGRAM TO INSTALL NEW PLUGS FOR THOSE WHICH WILL BE REWORKED.

TO BE RESOLVED

1. A METHOD OF SURVEILLING THE H. J. KAISER N-5 PROGRAM IS BEING DEVELOPED TO ADDRESS ACTION B. RECOMMENDATIONS HAVE BEEN MADE OUTLINING A PROGRAM AND DEFINING NECESSARY INTERFACES.
2. PROGRAM DEFICIENCIES IDENTIFIED IN HJK'S REVIEW OF SMALL BORE PIPING TRACEABILITY ARE BEING RESOLVED BY HJK.

COMMENTS

1. HJK HAS NOT GIVEN A DATE TO BEGIN THEIR REVIEW OF SMALL BORE PIPING TRACEABILITY. TASK III HAS AN APPROVED PROGRAM TO CONFIRM SMALL BORE TRACEABILITY FOLLOWING HJK REVIEW.

MANPOWER SUMMARY

	<u>ACTUAL</u>
TASK COORDINATOR	1
TASK LEAD	1
INSPECTOR	1
DOCUMENT REVIEWERS	5
TOTAL	8

QUALITY CONFIRMATION PROGRAM

TASK IV: SOCKET WELD DISENGAGEMENT

ACTIONS BEING TAKEN

- A. IDENTIFY SMALL BORE PIPING SOCKET WELDS FOR WHICH VERIFICATION FOR DISENGAGEMENT DOES NOT EXIST.
- B. RADIOGRAPH 100% OF THE ACCESSIBLE WELDS NOT HAVING VERIFICATION OF DISENGAGEMENT.

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
IV SOCKET WELD DIS- ENGAGEMENT	32,000	0	29,821	0	98	0	240
FINAL REVIEW	2,725	260	489	9.5	17.9	280	2420
TOTAL	34,725	260	30,310	9.5	98	280	2680

CURRENT STATUS AND RESULTS

- A. 348 RADIOGRAPHS TO DATE HAVE BEEN TRANSMITTED TO QADVG.
- B. 111 SOCKET WELDS HAVE BEEN REJECTED FOR LACK OF DISENGAGEMENT.
- C. 714 WELDS HAVE BEEN IDENTIFIED TO DATE AS LACKING EVIDENCE OF A QUALITY INSPECTION.
- D. REJECT WELDS HAVE BEEN IDENTIFIED ON NONCONFORMANCE REPORTS.
- E. FINAL REVIEW OF DOCUMENTS GENERATED BY QCP STARTED DECEMBER 15TH.

COMMENTS

1. 19 WELDS HAVE BEEN IDENTIFIED IN THE FINAL REVIEW OF ISK'S WHICH WERE NOT ADDRESSED IN THE PREVIOUS REVIEW FOR MISSING EVIDENCE OF A QUALITY INSPECTION.

MANPOWER SUMMARY

	<u>ACTUAL</u>
TASK COORDINATOR	1/2
CLERKS	1/2
DOCUMENT REVIEWERS	2
TOTAL	3

STATUS

THIS TASK IS 98% COMPLETE.

ESTIMATED COMPLETION DATE

AN ESTIMATED COMPLETION DATE FOR THE SECOND REVIEW IS APRIL 1983.

QUALITY CONFIRMATION PROGRAM

TASK V: RADIOGRAPHS

ACTION TO BE TAKEN

- A. CONFIRM THAT THE EXISTING RADIOGRAPHS OF LARGE BORE PIPING SUPPLIED BY M. W. KELLOGG ARE ADEQUATE TO IDENTIFY WELD DEFICIENCIES.

SUMMARY OF TASKS

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
RADIOGRAPHY REVIEW	4250	0	4250	0	100	0	0
RADIOGRAPHS PHASE II	46	0	46	0	100	5	0
TOTALS	4296	0	4296	0	100	5	0

CURRENT STATUS AND RESULTS

- A. REVIEW OF 4250 WELD RADIOGRAPHS FOR SENSITIVITY IS COMPLETE.
- B. 46 WELDS HAVE BEEN IDENTIFIED TO BE RE-RADIOGRAPHED, COVERING ALL VARIATIONS IN PIPE AND WALL THICKNESS.
- C. PROGRAM TO CONFIRM RADIOGRAPHS HAS BEEN APPROVED BY THE NATIONAL BOARD OF BOILER PRESSURE VESSEL INSPECTORS AND THE STATE OF OHIO.
- D. 46 OF THE 46 RADIOGRAPHS HAVE BEEN RE-RADIOGRAPHED, AND ACCEPTED.
- E. MOCK-UPS OF THE 4 INACCESSABLE WELDS WERE FABRICATED AND RADIOGRAPHED.

TO BE RESOLVED

COMMENTS

THE FINAL REPORT FOR TASK V HAS BEEN WRITTEN AND SUBMITTED TO THE CG&E TECHNICAL COORDINATOR AND WILL BE PRESENTED TO ALL APPLICABLE PARTIES.

MANPOWER SUMMARY

PERSONNEL ASSIGNED TO TASK III WILL SUPPORT THIS ACTIVITY.

STATUS

OVERALL TASK IS APPROXIMATELY 99% COMPLETE.

ESTIMATED COMPLETION DATE

FEBRUARY 15, 1983

QUALITY CONFIRMATION PROGRAM

TASK VI: CABLE SEPARATION

ACTION BEING TAKEN

- A. 100% INSPECTION OF SLEEVES AND CLASS IE FLOOR PENETRATIONS FOR SEPARATION IDENTIFICATION AND ROUTING. (SEE NOTE B- CURRENT STATUS AND RESULTS)
- B. INSPECT A MINIMUM OF 10% OF THE ASSOCIATED CABLES TO ARRIVE AT A 95% CONFIDENCE LEVEL THAT 95% OF THE ASSOCIATED CABLES ARE PROPERLY SEPARATED IN TRAYS AND CONDUITS. CONFIDENCE LEVEL WAS NOT MET. THIS INSPECTION IS COVERED BY THE INSPECTION OF CABLE TRAYS.
- C. 100% INSPECTION OF CABLE TRAYS IN CATEGORY I STRUCTURES.
- D. 100% INSPECTION OF CABLES REQUIRING SEPARATION INSIDE PANELS AND TO THE FIRST ASSIGNED RACEWAY TO VERIFY PROPER SEPARATION AND IDENTIFICATION. THIS INCLUDES ALL CABLES INSTALLED BETWEEN THE CABLE SPREADING ROOM AND THE MAIN CONTROL ROOM. (SEE NOTE D - CURRENT STATUS AND RESULTS)
- E. TRACK RESOLUTION OF SIX SAMPLES OF FAILURE TO MEET CABLE SEPARATION CRITERIA IDENTIFIED BY THE NRC.

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)	2049(TR) 12446(UN)	1523(UN)	10,608(UN)	12.3	85.3	580	3500
PANELS (SEE NOTE D)	8951 CABLES (35804 UN)		SEE NOTE D - CURRENT STATUS AND RESULTS				0
SLEEVE & FLR. PENET.	182		SEE NOTE B - CURRENT STATUS AND RESULTS				1880
ASSOC. CABLES	392	0	392	0	100	0	0
MISC. ADMIN.	-	-	-	-	-	302	242
TOTAL	48,824	1523	11,000	10	71	882	5622

CURRENT STATUS AND RESULTS

- A. A TOTAL OF 1035 NONCONFORMANCE REPORTS HAVE BEEN WRITTEN FOR SEPARATION, IDENTIFICATION, AND ROUTING DEFICIENCIES. 533 NR'S DISPOSITIONED (283 REWORK, 46 REPAIR, 204 ACCEPT-AS-IS). 232 OF THE 533 DISPOSITIONED NR'S HAVE BEEN CLOSED. 16 NR'S WERE CANCELLED BECAUSE OF DUPLICATION. 486 NR'S HAVE NOT BEEN DISPOSITIONED.

QUALITY CONFIRMATION PROGRAM

TASK VI: (CONT'D)

- B. DUE TO CRITERIA CHANGES, A PROCEDURE IS BEING PREPARED FOR THE RENINSPECTION OF SLEEVES AND FLOOR PENETRATIONS. INSPECTION DOCUMENTS GENERATED DURING INITIAL INSPECTION DO NOT PROVIDE ENOUGH OBJECTIVE EVIDENCE TO SUPPORT THE PRESENT DESIGN CRITERIA.
- C. THE DECISION HAS BEEN MADE TO INSPECT CABLE TRAYS IN PLACE OF CLOSING OUT ASSOCIATED CABLE INSPECTION RECORDS SINCE CONFIDENCE LEVEL HAS NOT BEEN MET. THE PROCEDURE FOR TRAY INSPECTION 19-QA-38 WAS APPROVED ON AUGUST 24, 1982. THE CABLE TRAY INSPECTIONS FOR THE CONTROL ROOM, SERVICE WATER PUMP STRUCTURE AND REACTOR BUILDING ARE COMPLETE AND INSPECTIONS ARE BEING PERFORMED IN THE AUXILIARY BUILDING.
- D. THE INSPECTION OF CLASS IE PANELS AND CABLES IN AIR HAS BEEN ASSIGNED TO S&L, NED AND HJK IN A JOINT EFFORT, WHICH WILL CONSEQUENTLY REMOVE THIS INSPECTION FROM THE SCOPE OF QCP - TASK VI.
- E. STATUS OF THE SIX EXAMPLES OF LACK OF SEPARATION: (2) CORRECTED, (1) IN-PROCESS OF BEING REWORKED, (2) ACCEPTED BY ENGINEERING. AND (1) IDENTIFIED ON NR.

COMMENT

<u>MANPOWER SUMMARY</u>	<u>Actual</u>
TASK COORDINATOR/QUALITY ENGINEER	1
LEAD INSPECTOR	1
INSPECTOR	4
DOCUMENTATION (NR'S & SCOPING PACKAGES)	2
TOTAL	8

STATUS

71% COMPLETE

ESTIMATED COMPLETION DATE

JUNE 1, 1983.

QUALITY CONFIRMATION PROGRAM

TASK VII: NONCONFORMANCE REPORTS

ACTION BEING TAKEN

- A. 100% REVIEW OF ALL VOIDED NONCONFORMANCE REPORTS (NR'S), SURVEILLANCE REPORTS (SR'S), PUNCHLIST AND EXCEPTION LIST ITEMS.
- B. 100% SOLICITATION TO PAST AND PRESENT QC INSPECTORS, BY CERTIFIED MAIL, REQUESTING THEIR KNOWLEDGE OF ANY NONCONFORMANCE REPORTS NOT ENTERED INTO THE SYSTEM.
- C. REVIEW 300 RANDOMLY SELECTED, CLOSED NR'S.

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
VOIDED NR REVIEW INITIAL	1318	128	1278	9	90	70	409
VOIDED NR REVIEW SECONDARY	1318	52	711	4	54	225	336
SURVEILLANCE REPORT REVIEW INITIAL	3300	2323	2323	70	70	400	300
SURVEILLANCE REPORT REVIEW SECONDARY	3300	23	23	1	1	58	5000
PUNCHLIST REVIEW	APPX. 25,000	4618	4618	18	18	207	923
CLOSED NR REVIEW	300	0	50	0	16.66	0	145
NR'S FROM INSPECTORS	UNKNOWN	0	0	(NO NR'S RECEIVED THIS MONTH)			-
TOTAL	34,536	7144	9003	3	68	960	7113

CURRENT STATUS AND RESULTS

- A. 100 OF THE 126 NR'S SENT TO HJK HAVE BEEN RETURNED. APPROXIMATELY 90% OF THESE NR'S REQUIRED FURTHER INVESTIGATION BY TASK VII PERSONNEL. 36 VOIDED NR'S HAVE BEEN COMPLETED (I.E., "Q" NR WRITTEN OR ACCEPTANCE OF VOID). THE REMAINING 64 NR'S ARE BEING RESEARCHED BY TASK VII PERSONNEL. ALL WORK IS NOW BEING ACCOMPLISHED TO THE 17 SYSTEM PRIORITIES IDENTIFIED BY SITE COMMUNIQUE NUMBER 21. 26 ADDITIONAL PRIORITY NR'S WERE RESEARCHED AND COMPLETED.

QUALITY CONFIRMATION PROGRAM

TASK VII: (CONT'D)

- B. NO NR REVIEW COMMITTEE MEETING HELD THIS MONTH. APPROXIMATELY 20 MANHOURS WERE EXPENDED ATTEMPTING TO RESOLVE MEETING NOS. 6 AND 7 (INITIALLY HELD 3/29/82).
- C. 20 ADDITIONAL MANHOURS WERE EXPENDED THIS PERIOD FOR DISCUSSION AND PREPARATION OF PROCEDURES TO CLOSE OUT PUNCH LIST ITEMS. INTERFACE WITH SITE DEPARTMENTS INDICATES RESOLUTION OF INDIVIDUAL CONCERNS IS PROGRESSING. THERE WERE 4,618 PUNCHLIST ITEMS IDENTIFIED AS CORRELATING TO IDENTIFIED VOIDED NR'S AND SR'S.
- D. PROCEDURE 19-QA-09 REV. 1, "REVIEW AND PROCESSING OF CLOSED SURVEILLANCE REPORTS" HAS BEEN COMPLETED, RECEIVED PROCEDURE REVIEW BOARD CONCURRENCE, APPROVED AND IMPLEMENTED. THIS PROCEDURE REQUIRES AN ADDITIONAL REVIEW OF ALL PREVIOUSLY REVIEWED SR'S AND REQUIRES SR PRESENTATION TO THE SURVEILLANCE REPORT REVIEW COMMITTEE FOR CONCURRENCE.
- E. APPROXIMATELY 60 HOURS EXPENDED FOR THE ONGOING TRAINING OF TASK VII PERSONNEL TO NEW AND REVISED PROCEDURES.
- F. 65 NR'S HAVE BEEN GENERATED FROM THE REVIEW OF VOIDED HJK NR'S AND SR'S INCLUDING 18 REWORK, 1 REPAIR, 32 ACCEPT AS IS AND 4 CLOSED DISPOSITIONS.
- G. "PERCENT COMPLETED TO DATE" AND "THIS MONTH" REFLECT ONLY WORK ACCOMPLISHED AGAINST 1050 VOIDED NR'S VERSUS A TOTAL OF 1318 VOIDED DOCUMENTS. THE REMAINING 268 ITEMS (76 VOIDED I/R'S AND 192 UNIDENTIFIED VOIDED DOCUMENTS) HAVE NOT BEEN ADDRESSED OTHER THAN AN INITIAL REVIEW OF 50 VOIDED I/R'S. THESE DOCUMENTS WILL BE ADDRESSED TO THE 17 SYSTEM PRIORITIES IDENTIFIED IN SITE COMMUNIQUE #21. IT SHOULD BE NOTED THAT APPROXIMATELY 120 OF UNIDENTIFIED VOIDED DOCUMENTS ARE NOT AVAILABLE FOR REVIEW.
- I. 2,323 SR'S HAVE BEEN CLASSIFIED AS TO DISCIPLINE AND LOGGED BY TASK VII. COPIES OF THESE SR'S ARE IN THE POSSESSION OF TASK VII. 938 SR'S HAVE BEEN IDENTIFIED THAT TASK VII IS NOT IN POSSESSION OF. COPIES OF THESE IDENTIFIED SR'S WERE REQUESTED FROM CG&E AND HJK BY MEMORANDUM ON JANUARY 27, 1983. THIS CLASSIFICATION PROCESS HAS REVEALED THE CLOSER COUNT OF SR'S FALLING UNDER THE SCOPE OF TASK VII TO BE 3,300.
- J. APPROXIMATELY 100 MANHOURS WERE EXPENDED INVESTIGATING THE POSSIBLE INTERFACES AND WRITING A ROUGH DRAFT PROCEDURE CONCERNING NRC LETTER DOCKET NO. 50-358 DATED DECEMBER 29, 1982. PROCEDURALIZATION OF THESE NRC CONCERNS IDENTIFIED IN THIS LETTER IS NOW 50% COMPLETE.

QUALITY CONFIRMATION PROGRAM

TASK VII: (CONT'D.)

- K. TASK VII PARTICIPATED IN FOUR (4) PROCEDURE REVIEW BOARDS AND WAS ADDITIONALLY ASSIGNED TWO (2) PROCEDURES FOR REVIEW.
- L. APPROXIMATELY 40 HOURS WERE EXPENDED RESEARCHING AND ANSWERING MVPP ALLEGATIONS.
- M. NRC HAS IDENTIFIED A CONCERN REGARDING THE LIST OF PAST INSPECTORS PROVIDED BY HJK WHICH REQUIRED NOTIFICATION BY TASK VII. HJK HAS BEEN REQUESTED TO PROVIDE A COMPLETE LISTING OF ALL PAST INSPECTORS. NO RESPONSE HAS BEEN RECEIVED TO DATE.

MANPOWER SUMMARY

ACTUAL

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

STATUS

THIS TASK IS APPROXIMATELY 68% COMPLETE.

ESTIMATED COMPLETION DATE

JUNE 1, 1983

QUALITY CONFIRMATION PROGRAM

TASK VIII: DESIGN CONTROL AND VERIFICATION

ACTION BEING TAKEN

VERIFY ADEQUACY OF S&L DESIGN CONTROL AND VERIFICATION PROGRAM. PROCEDURES WERE IN PLACE AND WERE CLARIFIED.

CURRENT STATUS AND RESULTS

THE DRAFT REPORT FOR TASK VIII HAS BEEN WRITTEN, AND IS BEING SENT TO N.E.D. FOR REVIEW.

STATUS

THIS TASK IS 99% COMPLETE TO DATE.

ESTIMATED COMPLETION DATE

MARCH 15, 1983

QUALITY CONFIRMATION PROGRAM

TASK IX: DESIGN DOCUMENT CHANGES

ACTION BEING TAKEN

1. COMPILE A COMPUTER LISTING OF ALL DOC'S.
2. REVIEW CG&E, HJK, S&L AND OTHER SITE CONTRACTORS' DDC'S TO DETERMINE PROPER CLASSIFICATION.
3. REVIEW CG&E, HJK, S&L AND OTHER SITE CONTRACTORS' ESSENTIAL DDC'S TO DETERMINE IF DDC'S WERE INCORPORATED IN INSPECTION DOCUMENTATION.
4. PERFORM ELECTRICAL INSPECTIONS IN THE CONTROL ROOM FOR CABLE TRAY HANGERS, CONDUIT, AND CONDUIT SUPPORTS. (ADDITION TO ORIGINAL QCP WORK SCOP).

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
PHASE I	19,711	4	18,729	.02	95	1	79
PHASE II	9,111	89	3,768	.9	41.3	461	12,461
PHASE IA	2,600	81	851	3.1	32.7	3	140
PHASE IIA	2,200	90	505	4.1	23.0	178.5	4,224
PHASE III DOC.	714	0	124*	0	17.3	0	-
INSPECT.	714	0	121*	0	17.0	0	-
OTHER	-	-	-	-	-	1,044.5**	-
TOTAL	35,050	264	24,098	1.5	42	1,688	14,697

* EQUIVALENT ITEMS

** OTHER TIME SPENT FOR TRAINING AND CERTIFICATION OF PERSONNEL, PROBLEM RESEARCH AND OTHER RESOLUTION, PROCEDURE PREPARATION, CLERICAL, PHASE III ADMINISTRATION, AND SETTING UP A DDC REVIEW AND HANDLING SYSTEM. (239 HOURS FOR DDC SYSTEM).

- PHASE I - CLASSIFICATION OF CG&E, S&L AND HJK, DDC'S AS ESSENTIAL OR NONESSENTIAL.
- PHASE II - REVIEW INSPECTION DOCUMENTATION TO DETERMINE IF CG&E, S&L AND HJK DDC'S HAVE BEEN INCORPORATED AND INSPECTED.
- PHASE IA - CLASSIFICATION OF WY&B AND OTHER SITE CONTRACTOR DDC'S AS ESSENTIAL OR NONESSENTIAL.
- PHASE IIA - REVIEW INSPECTION DOCUMENTATION TO DETERMINE IF WY&B AND OTHER SITE CONTRACTOR DDC'S HAVE BEEN INCORPORATED AND INSPECTED.
- PHASE III - ELECTRICAL INSPECTIONS IN THE CONTROL ROOM.
- PHASE IV - COMPILE COMPUTER LISTING OF DDC'S, INCLUDING DDC STATUS AND CONSTRUCTION STATUS.

QUALITY CONFIRMATION PROGRAM

TASK IX: (CONT'D)

RESULTS

1. IN PHASES II AND IIA, 1,051 DEFICIENCIES IDENTIFIED TO DATE & WERE DOCUMENTED ON DOCUMENT DEFICIENCY NOTICES OR NONCONFORMANCE REPORTS AS APPLICABLE.
2. IN PHASE III, 142 DEFICIENCIES HAVE BEEN IDENTIFIED TO DATE & WERE DOCUMENTED ON NONCONFORMANCE REPORTS. THESE ARE WELD DEFICIENCIES.

<u>PROBLEM/DEFICIENCY</u>	<u>ELECT.</u>	<u>MECH.</u>	<u>STRUCT.*</u>	<u>TOTAL</u>
1. MISSING DOCUMENTATION	32	-	364	396
2. DDC MIS-CLASSIFICATION	13	-	3	16
3. INSPECTION PROGRAM DEFICIENCIES & MISC.	51	-	38	89
4. DDC NOT INCORPORATED IN DOCUMENTATION	103	10	404	517
5. INSPECITON PRIOR TO BEING WRITTEN (AS-BUILT)	3	-	-	3
6. INCOMPLETE INSPECTION	8	-	22	30
TOTAL	210	10	831	1,051

*INCLUDES WY&B DDC'S

TO BE RESOLVED

- A. TASK IX IS STILL WAITING FOR HJK TO RESPOND TO CAR'S IN ORDER TO COMPLETE SOME DDC REVIEWS.
- B. A PROCEDURE/METHOD NEEDS TO BE DEVELOPED FOR VERIFYING AND COMPILING A COMPUTER STATUS LISTING OF ALL DDC'S (PHASE IV). THIS PROCEDURE NEEDS TO BE INTEGRATED WITH 19-QA-15 SO THAT WORK COMPLETED TO DATE FOR PHASES II AND IIA DDC/INSPECTION DOCUMENTATION REVIEW CAN BE CHECKED FOR CORRECT DDC STATUS.
- C. A PROCEDURE/METHOD NEEDS TO BE DEVELOPED FOR HANDLING, LOGGING, AND CONTROLLING DDC'S AS THEY ARE RECEIVED FROM DOCUMENT CONTROL FOR PHASES I, II, IA AND IIA.
- D. THE METHOD USED TO CALCULATE CONDUIT DEAD LOADS, AS CONTAINED IN THE E189 SERIES GENERAL NOTES, IS BEING REVIEWED. SUBTASK III IS STILL WAITING FOR THIS TO BE ADDRESSED BY QUALITY ENGINEERING (CER INITIATED BY TASK IX PERSONNEL).
- E. A LARGE NUMBER OF CONDUIT SUPPORTS IN THE MAIN CONTROL ROOM STILL HAVE OPEN WORK TICKETS. THE PRESENT HJK PROGRAM ONLY REQUIRES INSPEC-
TION OF THE ACTUAL REVISION, AND NOT THE ENTIRE SUPPORT. THEREFORE, SINCE THESE SUPPORTS HAVE BEEN PREVIOUSLY ACCEPTED, THEY STILL FALL UNDER 19-QA-35. THIS PROBLEM HAS NOT YET BEEN ADDRESSED, BUT WILL REQUIRE RESOLUTION BEFORE ALL OF THE SUPPORTS CAN BE COMPLETED.

QUALITY CONFIRMATION PROGRAM

TASK IX: (CONT'D)

- F. TASK IX WILL PARTICIPATE ON A STRUCTURAL DDC NR REVIEW BOARD WHICH IS GOING TO BE FORMED TO FACILITATE THE DISPOSITIONING OF DOCUMENTATION DEFICIENCIES IDENTIFIED BY TASK IX.
- G. WAITING FOR RESOLUTION/CLARIFICATION OF HANGER SEPARATION CRITERIA. (CER NUMBER WRITTEN BY TASK IX PERSONNEL).
- H. PHASE IIII IS CURRENTLY WORKING ON CLARIFICATION OF WELD INSPECTION CRITERIA AND DEVELOPING INSPECTION AND IMPLEMENTATION PROCEDURES.

COMMENTS

- 1. THERE ARE APPROXIMATELY 900 DDC'S LISTED AS OPEN AGAINST THE E-189 DRAWINGS, SPECIFICATIONS, AND OTHER DRAWINGS USED FOR THE ELECTRICAL INSPECTIONS IN THE MAIN CONTROL ROOM. OF THESE LISTED DDC'S, APPROXIMATELY 200 ACTUALLY APPLY TO THE INSPECTIONS BEING PERFORMED. A SYSTEM IS CURRENTLY BEING DEVELOPED TO ASSURE THAT ALL APPLICABLE DDC'S ARE INCLUDED IN THE INSPECTIONS. TO EFFECTIVELY WORK WITH SUCH A LARGE NUMBER OF DDC'S, THE SYSTEM BEING DEVELOPED INCLUDES A DETAILED REVIEW OF ALL DDC'S LISTED ON THE APPLICABLE DRAWINGS AND SPECIFICATIONS AND A LOG OF THE RESULTS. VERIFICATION OF THE INITIAL REVIEW AND LOG IS NOW COMPLETE. INFORMATION FROM THE LOG IS CURRENTLY BEING CATEGORIZED AND COLLATED FOR EASE OF REFERENCE.

MANPOWER SUMMARY

	PHASES I, II, IA, IIA
ENGINEERS (INCLUDING TASK COORDINATOR)	3
DOCUMENT REVIEWERS	2
CLERKS	<u>1</u>
TOTAL	6
	PHASE IIII
DOCUMENT REVIEWERS	3**
INSPECTORS	<u>3</u>
TOTAL	6

** NUMBER INCLUDES PHASE COORDINATOR AND LEAD INSPECTOR.

STATUS

PHASE I AND II - 45.4% COMPLETE

PHASE IA AND IIA - 23.7% COMPLETE.

PHASE IIII - 17% COMPLETE.

THE OVERALL TASK IS 42% COMPLETE (DOES NOT INCLUDE PHASE IIII).

QUALITY CONFIRMATION PROGRAM

TASK IX: (CONT'D)

ESTIMATED COMPLETION DATE

PHASES I, II, IA, IIA - SEPTEMBER 30, 1983

PHASE III - MAY 31, 1983

QUALITY CONFIRMATION PROGRAM

TASK X: SUBCONTRACTOR QA PROGRAM

ACTION BEING TAKEN:

- A. CG&E/QA AUDITS OF SUBCONTRACTORS HAVE BEEN IDENTIFIED.
- B. REVIEW SHEETS HAVE BEEN GENERATED FOR EACH OF THE AVAILABLE AUDITS SHOWING WHICH 10CFR50, APPENDIX B CRITERIA WERE ADDRESSED DURING THE COURSE OF THE AUDIT.
- C. MATRICES HAVE BEEN GENERATED AND COMPLETED FOR EACH SUBCONTRACTOR GRAPHICALLY DEMONSTRATING WHICH APPENDIX B CRITERIA HAVE BEEN ADDRESSED FOR THE AUDITS OF THAT SUBCONTRACTOR.
- D. EVALUATIONS WILL BE MADE OF THE SCOPE AND DEPTH OF THE AUDITS OF EACH SUBCONTRACTOR TO DETERMINE WHETHER THE AUDITS SUFFICIENTLY ADDRESSED ALL APPLICABLE APPENDIX B CRITERIA IN SUFFICIENT DETAIL.
 1. IF THE EVALUATIONS DETERMINE THAT THERE IS SUFFICIENT OBJECTIVE EVIDENCE OF ADEQUATE AUDIT COVERAGE OF APPLICABLE CRITERIA, THEN THE SUBCONTRACTOR'S QUALITY PROGRAM, IS ACCEPTED.
 2. IF EVALUATIONS CANNOT PROVIDE SUFFICIENT OBJECTIVE EVIDENCE THAT SUBCONTRACTOR PROGRAMS WERE ACCEPTABLE, ALTERNATE MEASURES TO PROVIDE THAT EVIDENCE WILL BE REVIEWED, SUCH AS:
 - a. REVIEW OF SUBCONTRACTOR INTERNAL AUDITS.
 - b. REVIEW OF QUALITY DOCUMENTATION (INSPECTION RESULTS).
 - c. COVERAGE BY OTHER QCP TASKS.
 - d. RE-AUDIT
 - e. ACTUAL HARDWARE REINSPECTION AND/OR TESTING

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
SUBCONTRACTOR AUDITS	113	0	113	0	100	0	0
AUDIT REVIEW SHEETS	113	0	113	0	100	0	0
SUBCONTRACTOR MATRICES	14	0	14	0	100	0	0
SUBCONTRACTOR EVALUATIONS	127	0	0	0	0	0 *	800
TOTAL	367	0	240	0	79	0	800

QUALITY CONFIRMATION PROGRAM

TASK X: (CONT'D)

CURRENT STATUS AND RESULTS

- A. PROCEDURE FOR TASK X EVALUATIONS PHASE HAS BEEN DEVELOPED AND MODIFIED. THIS PROCEDURE IS CURRENTLY BEING SUBJECTED TO REVIEW AND INPUT.
- B. ONE HUNDRED THIRTEEN (113) AUDITS OF SUBCONTRACTORS HAVE BEEN IDENTIFIED AS BEING PERFORMED PRIOR TO APRIL 8, 1981. THESE AUDITS ENCOMPASSED FOURTEEN (14) DIFFERENT SUBCONTRACTORS. ALL 113 AUDITS HAVE BEEN REVIEWED AND OBJECTIVE EVIDENCE OF THESE REVIEWS ARE ON FILE.
- C. MATRICES OF EACH OF THE FOURTEEN(14) SUBCONTRACTORS HAVE BEEN PREPARED AND ARE ON FILE.
- D. FORMAL EVALUATIONS OF THE AUDITS AND EACH SUBCONTRACTOR WILL COMMENCE WHEN THE PROCEDURE FOR THIS PHASE IS APPROVED.
- E. MR. L. E. ANDERSON'S LEAD AUDITOR CREDENTIALS WERE APPROVED AND RECEIVED ON JANUARY 31, 1983.
- *F. TASK X MANHOURS WERE EXPENDED IN SUPPORT OF PROCEDURE 19-QA-40 COMPLETION, REVIEW, AND MODIFICATION; DATA ACQUISITION OF PURCHASE ORDER INFORMATION; SPECIFICATION INFORMATION; QUALITY ENGINEERING REVIEW, AND S&L REVIEW OF QA PROGRAMS; AND FUNCTIONAL EVALUATION OF SUBCONTRACTOR QA PROGRAMS.

STATUS

THIS TASK IS 79% COMPLETE.

ESTIMATED COMPLETION DATE

JUNE 1, 1983

QUALITY CONFIRMATION PROGRAM

TASK XI: AUDITS

ACTION BEING TAKEN

- A. REVIEW PAST CG&E/QA AUDITS OF HJK, NPD, NED, EOTD, AND GCD.
- B. DEVELOP REVIEW SHEETS FOR EACH AUDIT SHOWING WHICH 10CFR50 APPENDIX B CRITERIA WERE ADDRESSED DURING EACH AUDIT.
- C. DEVELOP MATRICES FOR EACH ORGANIZATIONAL ENTITY.

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	293	0	293	0	100	0	0
ORGANI- ZATIONS	5	0	5	0	100	0	0
REVIEWS	293	0	293	0	100	0	0
MATRICES	5	0	0	0	0	0	0
EVALUATIONS	298	0	0	0	0	0*	1400
TOTAL	894	0	591	0	83	0	1400

CURRENT STATUS AND RESULTS

- A. PROCEDURE FOR TASK XI EVALUATION PHASE IS CURRENTLY UNDERGOING TASK XI REVIEW AND MODIFICATION. THIS PROCEDURE 19-QA-41 WILL BE REVISED AND SUBMITTED FOR INTERNAL QCP REVIEW AND INPUT.
- B. REVIEW SHEETS HAVE BEEN COMPLETED FOR EACH AUDIT.
- C. MATRICES WILL BE DEVELOPED FOR EACH ORGANIZATIONAL ENTITY INVOLVED.
- D. EVALUATIONS MUST BE PERFORMED FOR EACH AUDIT AND EACH ORGANIZATIONAL ENTITY.
- *E. TASK XI MANHOURS WERE EXPENDED IN SUPPORT OF PROCEDURE 19-QA-41 REVIEW AND REVISION; REVIEW OF COMPLETED REVIEWS OF SPECIFIC AUDIT HISTORY; AND FUNCTIONAL EVALUATION OF H. J. KAISER AND HJK SUBCONTRACTOR AUDITS.

STATUS

THIS TASK IS 83% COMPLETE.

ESTIMATED COMPLETION DATE

JUNE 1, 1983

QCP SUMMARY

- Task 1 Structural Steel - This task is currently staffed with 18 people working mainly in the Service Water and Reactor Building during this reporting period. The first work request was processed on January 24. This task is currently estimated to be 69% complete.
- Task 2 Weld Quality - This task is currently staffed with 5 people, working final small bore weld rod heat traceability reviews and weld rod control. Presently 2,725 small bore document packages are under final review. This task is currently estimated to be 70% complete.
- Task 3 Heat Number Traceability - This task is currently staffed with 8 people, working mostly on the Purchase Order Reviews and Gamma Plug inspections. An inventory of Purchase Orders by H. J. Kaiser, has limited those P.O.'s available for QCP review. This task is currently estimated to be 44% complete.
- Task 4 Socket Weld Disengagement - This task is currently staffed with 3 people, mostly concentrating on the review of Document Packages. This review is continuing and is currently estimated to be 98% complete.
- Task 5 Radiographs - This task is being supported by the personnel assigned to Task III. The final report for this task has been written, and has been submitted to CG&E Technical Coordinator for distribution. This task is essentially complete.
- Task 6 Cable Separation - This task is currently staffed with 8 people, working mainly on the cable tray system walkdown in the Aux. Building. Responsibility for inspection of panel internals has been transferred to NED, S&L, and HJK. This task is currently estimated to be 71% complete.
- Task 7 Nonconformance Reports - This task is currently staffed with 9 people working mainly on the Voided NR and Surveillance Report (SR) and Punchlist review. This task is currently estimated to be 68% complete.
- Task 8 Design Control and Verification - This task was originally supported by Sargent and Lundy (S&L). A draft report has been written by CG&E QCP and is being sent to NED for review. This task is currently estimated to be 99% complete.
- Task 9 Design Document Changes - This task is currently staffed with 12 people, working mainly on the review of DDC's and inspection of cable tray hangers in the Control Room. This task is currently estimated to be 42% complete.
- 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.
This task is currently estimated to be 83% complete.

ENDING FEBRUARY 15, 1983

<u>AREA</u>	<u>NR's Written</u>	<u>NR's Dispo- sitioned</u>	<u>NR's Closed or Cancelled</u>	<u>NR's Pending Cancellation</u>	<u>Generic NR's</u>	<u>Total Deficien- cies</u>	<u>NR Deficiencies</u>			
							<u>AAI</u>	<u>REW.</u>	<u>REP.</u>	<u>REJ.</u>
DRYWELL	315	261	6	37	0	900	49	780	15	0
GALLERY STL.	47	41	0	1	0	85	2	73	2	0
CONTROL RM.	36	18	12	1	4	30	8	9	2	0
SWCHGR 567'5"	44	28	0	11	2	60	11	28	12	0
SWCHGR 546'	99	77	7	1	8	111	27	73	9	0
SWCHGR 536'	15	8	0	0	10	16	7	3	1	0
CABLE SPRD.	93	8	0	2	9	98	46	20	11	0
ROOF STL.591'	36	21	0	0	3	30	15	1	2	0
HVAC	57	0	0	0	0	345	0	0	0	0
TOTAL	742	522	25	53	36	1675	165	987	54	0

Note: NR's Pending cancellation are not included in the deficiencies totals.