

# **QUALITY CONFIRMATION PROGRAM**

## **STATUS**

**AS OF MARCH 31, 1983**

# QUALITY CONFIRMATION PROGRAM

## TASK I: STRUCTURAL STEEL

### ITEMS WORKED THIS MONTH

- A. 62 BEAMS WERE INSPECTED IN THE ROOF STEEL 591' AREA. 1 BEAM WAS ACCEPTED. 61 BEAMS HAD DEFICIENCIES.
- B. 8 BEAMS WERE INSPECTED IN THE SERVICE WATER PUMP STRUCTURE AND ALL 8 BEAMS HAD DEFICIENCIES.
- C. 62 BEAMS WERE INSPECTED IN THE REACTOR BUILDING AT ELEV. 479' 6". 2 BEAMS WERE ACCEPTED. 60 BEAMS HAD DEFICIENCIES.
- D. 22 SPECIFIC NR'S AND 25 GENERIC NR'S WERE WRITTEN COVERING THOSE ITEMS WITH DEFICIENCIES.
- E. 10 WORK REQUESTS WERE SENT TO GCD FOR PROCESSING. 3 OF THESE WORK REQUESTS ARE BEING WORKED.
- F. IN FEBRUARY, PROCEDURE 19-QA-34 WAS REVISED TO MAKE THE DOCUMENTATION PROCESS MORE EFFICIENT. THIS PROCEDURE IS STILL IN THE REVIEW CYCLE.
- G. 5 TRAINING CLASSES WERE GIVEN COVERING ITEMS UNDER TASK I (I.E., INSPECTION, WRITING OF NR'S, OPP'S).
- H. MEETINGS ARE BEING HELD WITH GCD TO HELP EXPEDITE THE WORK REQUESTS SUBMITTED BY TASK I.
- I. THE ADDITION OF 525' ELEV. HAS INCREASED THE NUMBER OF ITEMS TO BE INSPECTED IN THE DRYWELL BY 371. AFTER REVIEWING HJK WORK PACKAGES IN THE DRYWELL AN ADDITIONAL 93 BEAMS HAVE ALSO BEEN ADDED TO TASK I FOR INSPECTION.

### 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
DRYWELL	786	0	322	0	41	0	1,624
REACTOR AUX.SVC. WATER BLDG.	3,190	132	2,077 *	4	65	462	2,194
CONTROL RM. HVAC SPTS.	105	0	56	0	53	0	336
TOTAL	4,081	132	2,455	0	72	462	4,154

\* 90 COMPLETED ITEMS WERE SUBTRACTED FROM THIS FIGURE. REPORTED LAST MONTH AS 2,102 (TYPO)  
(SHOULD HAVE READ: 2,012)

# 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	REVL.	REP.	REJ
DRYWELL	316	228	16 (22)	36 (96)	0	968	42	792	16	0
GALLERY STL. RX. BLDG.	48	25	17 (24)	3 ( 3)	0	82	3	50	2	0
CONTROL RM. 567' 5"	41	17	12 ( 5)	3 (12)	4	36	8	9	2	0
SWITCH GR. 567' 5"	44	27	1 ( 2)	11 (10)	1	75	11	28	12	0
SWITCH GR. 546'	106	76	8 ( 8)	1 ( 1)	6	118	26	74	9	0
SWITCH GR. 536' 0"	32	11	0 ( 0)	0 ( 0)	9	19	9	5	1	0
ROOF STEEL 591'	73	28	0 ( 0)	0 ( 0)	21	57	21	4	5	0
HVAC	58	5	1 ( 1)	0 ( 0)	0	344	31	0	0	0
CABLE SPREAD 546'	106	73	6 ( 6)	2 ( 2)	10	105	51	20	16	0
FOOT CONN.	253	-			0		139	88	15	
RX. BLDG. 479'	14	0	0	0	0	14	0	0	0	0
SVC. WATER 451'	2	0	0	0	2	0	0	0	0	0
TOTAL	1093	490	61 (68)	56 (124)	53	1818	333	1070	78	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. THE RANDOM SAMPLE INSPECTION OF 100 CONNECTIONS IN THE SERVICE WATER BUILDING IS CONTINUING.

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 72% COMPLETE.

ESTIMATED COMPLETION DATE

MAY 1, 1983.

# QUALITY CONFIRMATION PROGRAM

## TASK II: WELD QUALITY

### ITEMS WORKED THIS MONTH

- A. REVIEWED 193 SMALL BORE PACKAGES FOR WELD ROD HEAT TRACEABILITY. 14 NR'S AND 3 CER'S WERE WRITTEN AGAINST AREAS SUCH AS: DISCREPENCIES BETWEEN DOCUMENTATION AND DRAWINGS, DUPLICATION OF WELD NUMBERS, AND ALTERED HEAT NUMBERS ON THE DOCUMENTATION.
- B. A REREVIEW OF 9 WELD PROCEDURES WAS DONE. (SEE ITEM A "COMMENTS AND CONCERNS") 9 CER'S WERE WRITTEN.
- C. 10 NR'S WERE REVISED THIS MONTH.
- 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	714
LG. BORE PIPE	9,400(Appx.) (380 PSK'S)	0	0	0	0	0	1373
WELD PRO- CEDURE REVIEW	91 (PROCEDURES) 121 REV'S	0	36	0	40	0	0
REREVIEW	91	9	11	10	12	72	1628
WELDER QUAL.	4,600	0	2,574	0	55.9	0	1196
WELD ROD CONTROL	0	0	0	0	0	0	416
FINAL REVIEW	2,725	200	268	7.3	9.8	160	2340
TOTAL	59,846	209	39,767	.34	70	232	7692

### NONCONFORMANCE SUMMARY

231 NR'S GENERATED TO DATE  
82 CER'S GENERATED TO DATE

## QUALITY CONFIRMATION PROGRAM

### TASK II - CONT'D.

#### COMMENTS AND CONCERNS

- A. A REREVIEW BY HJK AND QCP OF SPPM'S STARTED IN FEBRUARY. 9 NEW CER'S HAVE BEEN GENERATED ON SPPM'S.
- B. MANHOURS ADDED DUE TO NEW PROGRAM FOR REVIEW OF SPPM'S (SEE 4A UNDER SUMMARY OF TASK).
- C. WELDER QUALIFICATION REVIEW HAS NOT STARTED 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. TRAINING FOR ALL PERSONNEL REVIEWING WELDER QUALIFICATIONS SET FOR FIRST PART OF APRIL.

#### MANPOWER SUMMARY

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

#### STATUS

THIS TASK IS 70% COMPLETE.

#### ESTIMATED COMPLETION DATE

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

# QUALITY CONFIRMATION PROGRAM

## TASK III: HEAT NUMBER TRACEABILITY

### ITEMS WORKED THIS MONTH

- A. 36 PURCHASE ORDERS WERE REVIEWED BY TASK III. 11 OF THESE P.O.'S WERE RETURNED TO HJK DUE TO DEFICIENCIES MISSED IN THEIR INITIAL REVIEW. ALL OF THESE WERE CORRECTED AND RETURNED. THE TOTAL NUMBER OF P.O.'S ACCEPTED THIS MONTH IS 36.
- B. 59 GAMMA PLUGS WERE INSPECTED, AND ALL 59 WERE REJECTED. THESE HAVE BEEN REPORTED ON 2 GENERIC NONCONFORMANCE REPORTS.
- C. THE INSPECTION AND REVIEW OF GAMMA PLUGS, COMMITTED TO IN 10CFR50(e) ITEM M-56, IS COMPLETE. TEN NONCONFORMANCE REPORTS COVERING 354 GAMMA PLUGS HAVE BEEN SUBMITTED. FINAL EVALUATION FOR REPORTABILITY WILL BE PERFORMED BY NED. THE QCP TASK III REPORT COVERING ITS ACTIONS WILL BE SUBMITTED BY APRIL 15, 1983.
- D. 2 SMALL BORE PACKAGES WERE SUBMITTED BY HJK. BOTH WERE REJECTED BY TASK III FOR NOT FOLLOWING REVIEW PROCEDURES.
- E. ATTENDED MEETINGS AND REVIEWED PROCEDURES DIRECTLY RELATING TO THE HJK N-5 PROGRAM DEVELOPMENT.

### 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.	2691 ISK	0	52	0	2	10	2484
SM. BORE WALKDOWN	2691 ISK	0	2691	0	100	0	0
LG. BORE DOC.	(Appx) 380 PSK	0	0	0	0	0	4000
LG. BORE WALKDOWN	(Appx) 380 PSK	0	0	0	0	0	1000
PURCHASE ORDER REVIEW	2728	36	139	1.4	5.1	170	2216
HJK STRCTL. STEEL PO'S ESS/NONESS	1940	0	1940	0	95	0	40
GAMMA PLUG 50.55(e)M-56	403	59	403	16	100	160	0
TOTAL	11,213	95	5,225	1	46	340	9740



QUALITY CONFIRMATION PROGRAM

TASK III - CONT'D.

NONCONFORMANCE SUMMARY

THERE ARE 10 GENERIC NR'S COVERING GAMMA PLUGS AND 1 GENERIC NR COVERING SMALL BORE HEAT NUMBER TRACEABILITY.

COMMENTS AND CONCERNS

- A. THE TOTAL NUMBER OF GAMMA PLUGS INSTALLED IN PHASE II PIPING IS 402. AN ADDITIONAL 7 ARE IDENTIFIED AS HAVING BEEN REMOVED.
- B. 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.
- C. HJK IS NOT YET PREPARED TO SUBMIT SMALL BORE PIPING PACKAGES FOR QCP REVIEW. TASK III HAS AN APPROVED PROGRAM TO CONFIRM SMALL BORE PACKAGES WHEN HJK SUBMITS THEM.

MANPOWER SUMMARY

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

STATUS

THIS TASK IS 46% COMPLETE

ESTIMATED COMPLETION DATE

DECEMBER 31, 1983.



# QUALITY CONFIRMATION PROGRAM

## TASK IV: SOCKET WELD DISENGAGEMENT

### ITEMS WORKED THIS MONTH

A. 615 SMALL BORE PACKAGES WERE REVIEWED. 2 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	29,821	0	98	0	240
FINAL REVIEW	2,725	615	815	22	29	200	2000
TOTAL	34, 725	615	31,836	.01	98	200	2240

### NONCONFORMANCE SUMMARY

144 NR'S AND 1 CER HAVE BEEN WRITTEN TO DATE.

### COMMENTS AND CONCERNS

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 98% COMPLETE ON THE INITIAL REVIEW AND 29% COMPLETE ON THE FINAL REVIEW.

### ESTIMATED COMPLETION DATE

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

QUALITY CONFIRMATION PROGRAM

TASK V: RADIOGRAPHS

ITEMS WORKED THIS MONTH

A. THE FINAL REPORT WAS SUBMITTED TO THE NATIONAL BOARD 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

THIS TASK IS ESSENTIALLY COMPLETE, PENDING ACCEPTANCE

ESTIMATED COMPLETION DATE

N/A

# QUALITY CONFIRMATION PROGRAM

## TASK VI: CABLE SEPARATION

### ITEMS WORKED THIS MONTH

- A. 1374 UNITS OF TRAY WERE INSPECTED IN THE AUXILIARY AND REACTOR BUILDINGS. THIS INVOLVED 84 UNITS OF REINSPECTED POWER TRAYS AND 1290 UNITS OF ON-GOING CABLE TRAY INSPECTIONS.
- B. 39 NR'S WERE GENERATED COVERING ELECTRICAL SEPARATION VIOLATIONS FOR TRAY TO TRAY, TRAY TO CONDUIT AND OVERFILL.
- C. 30 NR'S WERE RETAGGED DUE TO DISPOSITIONS OF NR'S BEING COMPLETED OR REDISPOSITION OF NR'S BEING DONE.
- D. 144 MANHOURS WERE EXPENDED FINALIZING 750 INSPECTION RECORDS FOR LEVEL II REVIEW. 275 HAVE BEEN SIGNED OFF BY THE LEVEL II.

### 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)	1290 (UN)	8390 (UN)	14	90	708.5	1877.5*
REINSP. OF POWER TRAYS	954 (TR) 3884 (UN)	84 (UN)	981 (UN)	2	25	50	*
PANELS (See Note D)	8951 CABLES 35804 (UN)		SEE NOTE B-COMMENTS AND CONCERNS				0
SLEEVE & FLR. PENET.	182		SEE NOTE A-COMMENTS AND CONCERNS				1880
ASSOC. CABLES	392	0	392	0	100	0	0
TOTAL	**13714	1374	9763	2	75	758.5	3757.5

\* MANHOURS GIVEN FOR CABLE TRAY INSPECTION, COVER REINSPECTION OF POWER TRAYS.

\*\* TOTAL DOES NOT INCLUDE PANELS (SEE COMMENT B)

### NONCONFORMANCE SUMMARY

- A. A TOTAL OF 1142 NONCONFORMANCE REPORTS HAVE BEEN WRITTEN FOR SEPARATION, IDENTIFICATION, AND ROUTING DEFICIENCIES. 693 NR'S DISPOSITIONED 298 REWORK, 67 REPAIR 56 ACCEPT-AS-IS. 272 OF THE 693 DISPOSITIONED NR'S HAVE BEEN CLOSED. 15 NR'S WERE CANCELLED BECAUSE OF DUPLICATION. 434 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, A PROCEDURE IS BEING PREPARED FOR THE REINSPECTION OF SLEEVES AND FLOOR PENETRATIONS.
- B. 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.
- C. 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 AN NR.
- D. 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
INSPECTOR	<u>3</u>
TOTAL	5

STATUS

75% COMPLETE

ESTIMATED COMPLETION DATE

JUNE 1, 1983

QUALITY CONFIRMATION PROGRAM

TASK VII: NONCONFORMANCE REPORTS

ITEMS WORKED THIS MONTH

- A. 130 VOIDED NR'S WERE FINAL REVIEWED. ALL 130 NR'S WERE ACCEPTABLE AND ARE READY FOR THE REVIEW COMMITTEE.
- B. 50 SR'S WERE FINAL REVIEWED. ALL OF THESE SR'S WERE ACCEPTABLE AND ARE READY FOR COMMITTEE.
- C. COMMENTS MADE DURING VOIDED NR REVIEW COMMITTEE MEETINGS 006 AND 007 ARE RESOLVED. A LETTER HAS BEEN SENT TO THE NRC FOR MEETING 006, MAKING THE NR'S FROM THIS MEETING AVAILABLE FOR THEIR REVIEW.
- D. MEETING 008 WAS CONDUCTED AND COMPLETED DURING THIS REPORT PERIOD. ALL 40 NR'S INVOLVED IN THIS MEETING WERE ACCEPTED. MEETING 009 HAS BEEN INITIATED AND IS 50% COMPLETE.
- E. QCP COMMENTS ON PROCEDURE 19-QA-20, REVIEW OF PREOPERATION PUNCHLIST ITEMS, HAVE BEEN RESOLVED AND THE PROCEDURE HAS BEEN FORWARDED TO THE QA PROCEDURE GROUP.
- F. APPROXIMATELY 20 HOURS WERE EXPENDED FOR TRAINING OF PERSONNEL.
- G. 1 MEETING WAS HELD WITH HJK CONCERNING NOTIFICATION OF PAST QC INSPECTORS.
- H. QCPP 9.18 REVIEW AND PROCESSING OF VOIDED NONCONFORMANCE REPORTS WAS RE-WRITTEN TO CONFORM TO THE REQUIREMENTS OF QCPP 1.1 AND IS IN THE REVIEW PROCESS.
- I. QCPP 9.29 REVIEW AND PROCESSING OF CLOSED NONCONFORMANCE REPORTS AND QCPP 9.20 REVIEW OF PRE-OPERATIONAL PUNCHLIST ITEMS HAVE BEEN WRITTEN AND ARE NOW IN THE REVIEW PROCESS.
- J. TASK VII PARTICIPATED IN TWO (2) PROCEDURE REVIEW BOARDS.

# 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	1318	0	1198	0	91	0	100
VOIDED NR REVIEW SECONDARY	1318	130	908	10	69	150	250
SURVEILLANCE REPORT REVIEW	3456	0	3190	0	96	0	59
SURVEILLANCE REPORT REVIEW SECONDARY	3456*	50	173	1.4	5	250	4500
PUNCHLIST REVIEW	Appx. 25,000	0	4618	0	18	0	923
CLOSED NR REVIEW	300	0	50	0	17	0	145
NR'S FROM INSPECTORS	UNKNOWN	0	0	(NO NR'S RECEIVED THIS MONTH)			-
TOTAL	34,848	180	10,137	1	72	400	5,977

\* THE INCREASE OF 156 SR'S IN THE TOTAL NUMBER OF ITEMS IS DUE TO THE ADDITION OF SR'S WHICH WERE UNNUMBERED.



# QUALITY CONFIRMATION PROGRAM

## TASK VII: CONT'D.

### NONCONFORMANCE SUMMARY

125 NR'S HAVE BEEN WRITTEN TO DATE. 47 NR'S HAVE BEEN DISPOSITIONED. 36 ACCEPT AS IS, 19 REWORK, 1 REPAIR, 0 REJECT. (NOTE: SOME NR'S HAVE MULTIPLE DISPOSITIONS). 4 NR'S HAVE BEEN CLOSED.

### COMMENTS AND CONCERNS

- A. APPROXIMATELY 100 NR'S REVIEWED AND ACCEPTED BY NR REVIEW COMMITTEE TO BE SUBMITTED TO NRC FOR REVIEW (RETURNED)
- 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 NO. 21.
- C. 3,342 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. OF THE 938 SR'S REPORTED AS NOT IN THE POSSESSION OF TASK VII, 867 HAVE BEEN LOCATED WITH THE REMAINDER BEING RESEARCHED FOR LOCATION BY THE HJK DOCUMENT CENTER.

### MANPOWER SUMMARY

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

### STATUS

THIS TASK IS APPROXIMATELY 72% COMPLETE.

### ESTIMATED COMPLETION DATE

JUNE 1, 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

APRIL 30, 1983.

QUALITY CONFIRMATION PROGRAM  
TASK IX: DESIGN DOCUMENT CHANGES

ITEMS WORKED THIS MONTH

- A. REVIEW OF 66 DDC'S WAS PERFORMED AS PART OF PHASE II AND PHASE IIA.
- B. 19 NR'S WERE WRITTEN COVERING MISSING DOCUMENTATION AND DDC'S NOT BEING INCORPORATED INTO THE DOCUMENTATION.
- C. 5 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

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	0	18,733	0	95	0	78
PHASE II	9,111	37	3,913	0	43	612	11,361
PHASE IA	2,600	0	854	0	33	0	139
PHASE IIA	2,200	29	634	1	29	106	3,968
TOTAL	33,622	66	24,134	1	44	724	15,546

NONCONFORMANCE SUMMARY

PROBLEM/DEFICIENCY	ELECT.	MECH.	STRUCT.*	TOTAL
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			

\* INCLUDES WY&B DDC'S

QUALITY CONFIRMATION PROGRAM

TASK IX - CONT'D.

COMMENTS & 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 "C" FOR "ITEMS WORKED THIS MONTH".
- B. S&L WAS TO ISSUE A COMPLETE COMPUTER LISTING OF DDC'S BY MARCH 31, 1983. TO DATE NOTHING HAS BEEN RECEIVED.

MANPOWER SUMMARY

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

STATUS

PHASE I AND II - 47% COMPLETE

PHASE IA AND IIA - 29% COMPLETE

THE OVERALL TASK IS 44% COMPLETE (DOES NOT INCLUDE PHASE III).

ESTIMATED COMPLETION DATE

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

# QUALITY CONFIRMATION PROGRAM

## TASK IX, SUBTASK III

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

#### ITEMS WORKED THIS MONTH

- A. PROCEDURE REVIEW BOARD WAS HELD ON 19-QA-32, CABLE TRAY HANGER INSPECTION (MAIN CONTROL ROOM) 3/18/83. PROCEDURE WAS APPROVED 3/23/83.
- B. 125 CABLE TRAY HANGER INSPECTION PACKAGES WERE PREPARED.
- C. 421 DESIGN DOCUMENT CHANGES WERE REVIEWED FOR APPLICABILITY TO SUBTASK III.
- D. 1 NONCONFORMANCE REPORT WAS WRITTEN FOR IMPROPERLY INSTALLED FLEX CONDUIT.
- E. 6 CONDITION EVALUATION REQUESTS WERE WRITTEN AGAINST: HANGER IDENTIFICATION, GALVANIZED WELDS, TORQUING OF NELSON STUDS, CAP SCREW HARDWARE, ANCHOR BOLTS AND CONDUIT INSTALLATIONS.
- F. TWO DESIGN DOCUMENT CHANGES WERE ISSUED BY S&L FOR WELD CRITERIA (SLE-566) AND SEISMIC CRITERIA (SLM-954).

#### 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>
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)	-	-	-	-	-	783	-
TOTAL	1,428	0	245*	0	17	783	10,000

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

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

#### NONCONFORMANCE SUMMARY

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

NONCONFORMANCE REPORTS - 19 WRITTEN NONE 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 ANSWERED "CONDITION ACCEPTABLE"

8 OF THESE CER'S HAVE NOT BEEN ANSWERED

QUALITY CONFIRMATION PROGRAM

TASK IX, SUBTASK III - CONT'D.

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 IS TO PRESENT A PROPOSED PROGRAM ON 4/12/83. PROCEDURE 19-QA-32 IS TO BE REVISED TO INCLUDE THE SCOPE OF THE RANDOM SAMPLING PROGRAM.

MANPOWER SUMMARY

QUALITY SPECIALISTS	1
INSPECTOR	<u>2</u>
TOTAL	3

STATUS

\* 17% COMPLETE. (SEE \* PRECEDING PAGE)

ESTIMATED COMPLETION DATE

MAY 31, 1983

# QUALITY CONFIRMATION PROGRAM

## TASK X: SUBCONTRACTOR QA PROGRAMS

### ITEMS WORKED THIS MONTH

- A. QUALITY CONFIRMATION PROGRAM PROCEDURE (Q.C.P.P.) #9.40 ENTITLED "AUDIT HISTORY EVALUATION OF CG&E SUBCONTRACTORS" WAS FINALLY AND FORMALLY APPROVED ON MARCH 22, 1983.
- B. IN ACCORDANCE WITH THE PROVISIONS OF Q.C.P.P. 9.40 A REQUEST WAS FORWARDED TO GCD TO PROVIDE A LISTING OF CG&E PURCHASE ORDERS (BY SUBCONTRACTOR) FOR WORK PERFORMED ON THE ZPS-1 SITE. THIS REQUEST WAS DATED 3/22/83.

### 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	800
TOTAL	250	0	163	0	79	0	800

### NONCONFORMANCE SUMMARY

N/A

### COMMENTS AND CONCERNS

- A. FORMAL REVIEW OF THE P.O.'S (BY SUBCONTRACTOR) WILL BE ACCOMPLISHED BY CG&E QUALITY ENGINEERING UPON RECEIPT OF THE LISTING REQUESTED FROM GCD.

### MANPOWER SUMMARY

LEAD AUDITORS 2

### STATUS

THIS TASK IS 79% COMPLETE

### ESTIMATED COMPLETION DATE

JUNE 1, 1983



# QUALITY CONFIRMATION PROGRAM

## TASK XI: AUDITS

### ITEMS WORKED THIS MONTH

- A. TASK XI HAS FINALIZED THE FUNCTIONAL EVALUATION OF THE HJK AUDIT HISTORY TO DETERMINE THE POTENTIAL IMPACT ON THE KAISER ORGANIZATION. 175 CG&E QUALITY AUDITS OF H. J. KAISER WERE REVIEWED AND ANALYZED DURING THIS FUNCTIONAL EVALUATION.
- B. Q.C.P.P. 9.41 ENTITLED "REVIEW OF CG&E AUDITS" HAS BEEN GENERATED, REVIEWED INTERNALLY, REVISED AND SUBMITTED FOR FORMAL PROJECT REVIEW AND COMMENT.

### 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	1400
TOTAL	1009	0	670	0	86	0	1400

### NONCONFORMANCE SUMMARY

N/A

### COMMENTS AND CONCERNS

N/A

### MANPOWER SUMMARY

SUPPORTED BY TASK X PERSONNEL

### STATUS

THIS TASK IS 86% COMPLETE.

### ESTIMATED COMPLETION DATE

JUNE 1, 1983.



QCP SUMMARY

- Task 1    Structural Steel - This task is currently staffed with 17 people working mainly in the Reactor Building and 591' roof steel area. This Task is currently estimated to be 72% complete.
- Task 2    Weld Quality - This task is currently staffed with 6 people working final small bore weld rod heat traceability and weld procedure reviews. This Task is estimated to be 70% complete.
- Task 3    Heat Number Traceability - This task is currently staffed with 8 people working mostly on the Purchase Order Review and Gamma Plug Inspections. This Task is estimated to be 46% complete.
- Task 4    Socket Weld Disengagement - This task is currently staffed with 2 people, mostly working 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 Task III personnel. The final report for this task was submitted to the National Board 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 75% 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 72% 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 NED. 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 XI. This Task is currently estimated to be 86% complete.